













PARATECH®

LIFT ◆ SHIFT ◆ CONTAIN ◆ STABILIZE ◆ PENETRATE

MAIN PRODUCT CATALOG

PARATECH® TIMELINE



1962 WORLD'S FAMOUS PRY AXE INTRODUCED

1965 THE HOOLIGAN TOOL, THE WORLD'S FIRST PRODUCTION "HALLIGAN" TYPE FORCIBLE TOOL IS INTRODUCED



1976 MAXIFORCE® AIR LIFTING BAGS INTRODUCED TO THE UNITED STATES FIRE RESCUE SERVICE

1979 PARATECH BECOMES THE FIRST U.S. MANUFACTURER OF A MOLDED, HIGH PRESSURE AIR LIFTING BAG



1981 THE P–10 TRUCK MADE BY PARATECH FOR THE U.S.A. AIR FORCE STATIONED IN SOUTH KOREA



1983 PARATECH INTRODUCES THE WORLD'S FIRST KEVLAR® REINFORCED AIR LIFTING BAGS UNDER ITS MAXIFORCE® TRADEMARK



1984 PARATECH INTRODUCES THE AIRGUN 40 PNEUMATIC IMPACT TOOL



1985 U.S. NAVY PURCHASES 500 AIRGUN 40S FOR SHIPBOARD FIREFIGHTING



1992 RESCUE STRUTS, THE FIRST SELF–LOCKING COLLAPSE SUPPORT SYSTEMS IN THE WORLD ARE INTRODUCED



1993 FIRST VEHICLE STABILIZATION (VSK) KIT CREATED



1994 NORTHRIDGE, CA EARTHQUAKE: LOS ANGELES CITY & COUNTY RESCUE TEAMS USE MAXIFORCE® LIFTING BAGS, RESCUE STRUTS, PRT KITS AND PRY–AXES FOR RESCUE



1995 KOBE, JAPAN EARTHQUAKE: MAXIFORCE® LIFTING BAGS, RESCUE STRUTS, PRT KITS AND PRY–AXES USED FOR RESCUE



1998 PARATECH ACHIEVES ISO 9001 CERTIFICATION



1999 ISTANBUL, TURKEY EARTHQUAKE: RESCUE STRUTS & MAXIFORCE® LIFTING BAGS BECOME A VITAL PART OF EARTHQUAKE PREPAREDNESS



2000 LONGSHORE STRUTS DESIGNED & DEVELOPED FOR HIGH ANGLE COLLAPSE RESCUE



2002 THE BUSTER TOOL IS DESIGNED TO MEET AND EXCEED FAA REGULATIONS FOR CRASH AXES



2002 PARATECH EU IS ESTABLISHED IN DENMARK IN ORDER TO CREATE A STRONGER PRESENCE IN EUROPE



2003 PARATECH RESCUE SUPPORT SYSTEMS ARE ADAPTED BY FEMA AS A STANDARD



2004 UNITED KINGDOM STANDARDIZES ON PARATECH RESCUE STRUTS FOR THEIR COLLAPSE AND US&R OPERATIONS



2005 THE SHORING HAMMER IS INTRODUCED AND USED THROUGHOUT NEW ORLEANS IN THE WAKE OF HURRICANE KATRINA



2006 THE SMT™ (SPECIAL MISSION TENDER) IS INTRODUCED FOR QUICK AND EASY DEPLOYMENT AND PURCHASE OF PARATECH EQUIPMENT





2007 THE WALER SYSTEM IS DEVELOPED



2007 SINGAPORE CIVIL DEFENSE RESPONDS TO CHINA EARTHQUAKE WITH PARATECH EQUIPMENT





2008 THE MULTI BASE IS DESIGNED FOR RESCUE SUPPORT SYSTEMS



2009 PARATECH EQUIPMENT DEPLOYED TO L'AQUILA, ITALY EARTHQUAKE



2010 PARATECH EQUIPMENT DEPLOYED TO HAITI EARTHQUAKE



2010 THE STRONGEST 'ALL IN ONE' VEHICLE STABILIZER, THE TVS, (TWISTLOCK VEHICLE STABILIZER) IS INTRODUCED



2012 ABSOLUTE RAKER–FIRST ALL MECHANICAL RAKER SHORE INTRODUCED



2013 HYDRAULIC–FUSION–STRUT (HFS) PARATECH'S FIRST HYDRAULIC RESCUE STRUT UNVEILED



2014 DAMAGE CONTROL SYSTEMS (DCS) PARATECH DCS INSTALLED ON SWEDISH NAVY SHIPS





2014 PARATECH INTRODUCES MAXIFORCE® G2 AIR LIFTING BAGS



2014 THE TITAN CRASH AXE IS CREATED BY PARATECH, WITH INPUT FROM THE AIR FORCE'S PARARESCUEMEN



2015 THE MULTIFORCE® AIR LIFTING BAG IS INTRODUCED



2016 THE VSK CONTROLLER IS INTRODUCED



2016 MULTIFORCE POSITIONING LIGHTS ARE INTRODUCED



2017 THE ACMETHREAD STRUT DRIVER RETRO FIT KIT IS INTRODUCED



2018 PARATECH INTRODUCES THE ACMETHREAD STRUT DRIVER

ABOUT PARATECH®, INC.

For more than 50 years, Paratech has been combining innovative design with cutting edge technology to provide the highest quality and most user-friendly tools available for rescue and beyond. From the world's most advanced collapse support solutions to some of the world's strongest forcible entry tools, Paratech makes technical rescue operations simpler, safer and more productive.

Our product lines are comprised of Rescue Support Systems, MAXIFORCE® Air Lifting Bags, The new MULTIFORCE® Air Lifting Bag, Powered Impact Tools, Forcible Entry Tools, Rescue Air Cushions, Leak Sealing Systems and the ultimate collection of essential Paratech products…the SMT™… Special Mission Tender equipped specifically for either urban search and rescue or trench rescue, both are loaded with all of the necessary Paratech tools needed for technical rescue.

Paratech products are extensively used by fire departments worldwide including, but not limited to: all major U.S. cities, Copenhagen, Tokyo, London, Lyon, Madrid, Singapore and Istanbul. In addition, they have been selected by disaster agencies in the United States, Denmark, Japan, United Kingdom and Turkey as the standard for their rescue teams and technical rescue caches.

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PARATECH

SMTGEN2

URBAN SEARCH & RESCUE & TRENCH RESCUE

THE NEXT GENERATION SMT

NEW FEATURES FOR A NEW ERA OF RESCUE

- SMT CACHE LAYOUT GRAPHICS
- MASTER RACK FOR AIR LIFTING BAGS
- ONBOARD DATA RESOURCE KIOSKS
- ADVANCED LED LIGHTING PACKAGE







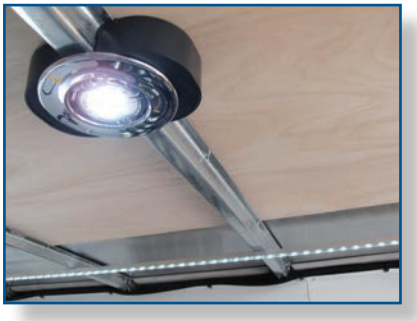
ADDITIONAL SMTGEN2 FEATURES INCLUDE:

- 30% LARGER THAN OUR STANDARD SMT
- ROOM FOR AN OPTIONAL ATV
- TONGUE MOUNTED OR ONBOARD GENERATOR
- EXTERIOR ROOF MOUNTED COMMAND LIGHT
- UP TO 25% FREE WEIGHT CAPACITY

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.



TWO ONBOARD DATA RESOURCE KIOSKS

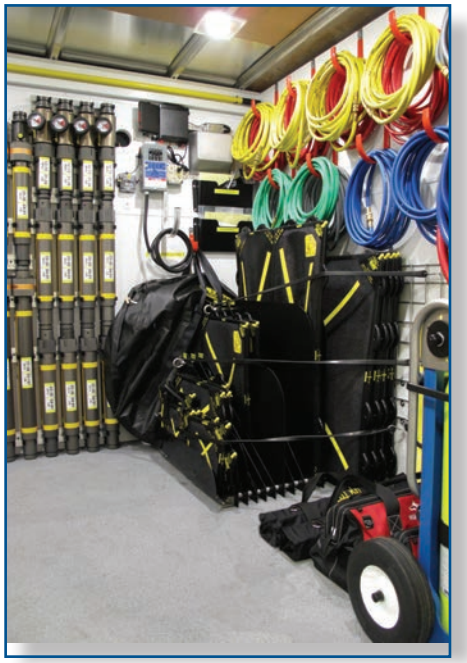


ADVANCED LIGHTING PACKAGE





STORAGE LAYOUT GRAPHICS FOR EASY RELOADING OF EQUIPMENT



MAXIFORCE® MASTER RACK FOR EASY STORAGE OF AIR LIFTING BAGS

GEN2 US&R SMT 20'

The GEN2 US&R SMT comes fully loaded with all the equipment from our SMT US&R Trailer (22-700200) PLUS it's mounted on a 20ft Wells Cargo Trailer (12,000 lbs, tandem axle) with onboard generator, Storage Layout Graphics, MAXIFORCE® Master rack, Advanced LED Lighting and 2 Data Resource Kiosks. The GEN2 US&R SMT consists of the most comprehensive set of Paratech rescue equipment you will ever find in one mobile package.

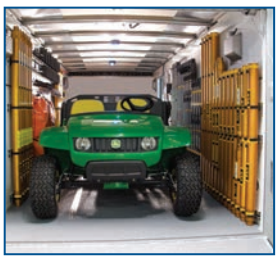
Part No.	Description
22-700236	GEN2 US&R SMT with Generator
22-700246	GEN2 US&R SMT without Options

PLEASE CONTACT US FOR PRICING

GEN2 US&R HAS ENOUGH ROOM FOR AN OPTIONAL JOHN DEERE GATOR, POLARIS 500 OR POLARIS 800.

CALL FOR MORE DETAILS





GEN2 TRENCH SMT 20'

The GEN2 Trench SMT comes fully loaded with all the equipment from our SMT Trench Trailer (22-700240) PLUS it's mounted on a 20ft Wells Cargo Trailer (12,000 lbs, tandem axle) with onboard generator, Storage Layout Graphics, MAXIFORCE® Master rack, Advanced LED Lighting and 2 Data Resource Kiosks. The GEN2 Trench SMT consists of the most comprehensive set of Paratech trench rescue equipment you will ever find in one mobile package.

This option does not have room for an ATV.

Part No.	Description
22-700237	GEN2 Trench SMT with Generator
22-700247	GEN2 Trench SMT without Options

PLEASE CONTACT US FOR PRICING

GEN2 COMBO SMT 20'

The GEN2 Combo SMT comes fully loaded as a combination of our US&R and Trench SMT. (12,000 lbs, tandem axle) with on-board generator, Storage Layout Graphics, MAXIFORCE® Master rack, Advanced LED Lighting and 2 Data Resource Kiosks. The GEN2 Combo SMT consists of the most comprehensive set of Paratech trench rescue equipment you will ever find in one mobile package.

This option does not have room for an ATV.

Part No.	Description
22-700238	GEN2 Combo SMT with Generator
22-700248	GEN2 Combo SMT without Options

PLEASE CONTACT US FOR PRICING

RAPID E2 SMT

OUR MOST COMPACT SPECIAL MISSION TENDER YET!

RAPID E2 SMT FEATURES INCLUDE:

- SMT CACHE LAYOUT GRAPHICS
- MASTER RACK FOR AIR LIFTING BAGS
- EXTERIOR LIGHT TOWERS
- PORTABLE GENERATOR
- EXTENSIVE CACHE OF EQUIPMENT
- COMPACT SIZE
- REMOTE POSITIONING
- EASILY MANEUVERS DOWN NARROW STREETS







Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.





RAPID E2 SMT

The **Rapid E2 SMT** is fully loaded with a perfect, well rounded cache of equipment. Capable of initiating an array of US&R, Trench and Vehicle rescues, it is small enough to maneuver through narrow streets. The Rapid E2 SMT is self-contained, remote positioned and ready to roll at any time. This versatile trailer consists of a comprehensive set of Paratech equipment in one compact, mobile package.
Includes an Absolute Flying Raker, Remote Placement MULTIFORCE Bag Kit, Man and Machine Kit, Working Air Cart, Pakhammer Kit, Air Gun Kit, PRT Kit, TRK Kit and much much more.
This option does not have room for an ATV.



Part No.	Description
22-700200EU	Rapid E2 SMT PLEASE CONTACT US FOR PRICING





BASIC US&R SMT™



FEATURES:

- 7 x 16 ft Wells Cargo Trailer with a 10,000 lb tandem axle
- 25% extra load capacity
- Extended A-frame for a generator
- LED Safety Light Package
- 110v lights and a 30 amp service with shore line
- Non slip Durabak floor
- 3000 Watt Super Vac Roof Mounted Command Light
- NFPA 1901 2009 Compliant

OPTIONS:

- Exterior color (red, black or white)
- Generator
- Graphics for exterior

WARRANTIES:

- Paratech Product Warranties:
  - -Rescue Support Systems / 5 years
  - -MAXIFORCE® Air Lifting Bags / 3 years
  - -Powered Impact Tools / 1 year
  - -Rescue Air Cushions / 1 year
  - -Forcible Entry Tools / Lifetime
- Wells Cargo Trailer / 6 year manufacturer warranty
- Command Light / 5 year manufacturer warranty
- Generator / 2 year manufacturer warranty

WEIGHT:

- Full with generator: 7,300 lb
- Full without generator: 7,100 lb

BASIC TRENCH SMT™



FEATURES:

- 7 x 16 ft Wells Cargo Trailer with a 10,000 lb tandem axle
- 25% extra load capacity
- Extended A-frame for a generator
- LED Safety Light Package
- 110v lights and a 30 amp service with shore line
- Non slip Durabak floor
- 3000 Watt Super Vac Roof Mounted Command Light
- NFPA 1901 2009 Compliant

OPTIONS:

- Exterior color (red, black or white)
- Generator
- Graphics for exterior

WARRANTIES:

- Paratech Product Warranties:
  - -Rescue Support Systems / 5 years
  - -MAXIFORCE® Air Lifting Bags / 3 years
  - -Powered Impact Tools / 1 year
  - -Rescue Air Cushions / 1 year
  - -Forcible Entry Tools / Lifetime
- Wells Cargo Trailer / 6 year manufacturer warranty
- Command Light / 5 year manufacturer warranty
- Generator / 2 year manufacturer warranty

WEIGHT:

- Full with generator: 8,332 lb
- Full without generator: 8,132 lb

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

BASIC US&R SMT™

The Basic US&R SMT (Special Mission Tender) is a simple, organized way to transport all the Paratech equipment you need for nearly all urban search and rescue missions. The Basic US&R SMT™ comes fully loaded including Rescue Struts, MAXIFORCE® Air Lifting Bags, Powered Impact Tools, Forcible Entry Tools and equipment accessories with extra room set aside for other tools required for rescue.



BASIC US&R SMT

Part No.	Description
22-700200	Basic US&R SMT with Generator
22-700201	Basic US&R SMT without Generator
	PLEASE CONTACT US FOR PRICING

SMT Comparisons	US&R	Trench
Command Light	Yes	Yes
Generator	Optional	Optional
MAXIFORCE® Air Lifting Bags	Yes (28)	Yes (7)
LongShore Struts	Yes (27)	Yes (26)
AcmeThread Struts	Yes (24)	Yes (16)
LockStroke Struts	No	Yes (4)
Raker Kit	Yes (2)	No
BiPod Kit	Yes (2)	Yes (1)
Monopod Kit	Yes (1)	Yes (1)
Tripod Conversion Kit	Yes (1)	No
Flying Raker Kit	Yes (1)	No
Trench Cushions	No	Yes (2)
Rescue Air Cushions	Yes (2)	No
Forcible Entry Tools	Yes (6)	Yes (6)
Working Air Cart	Yes (1)	Yes (1)
Powered Impact Tools	Yes (2)	No
Trench Panels and Ground Pads	No	Yes (22)
Waler Kit	No	Yes (1)

BASIC TRENCH SMT™

The Basic Trench SMT (Special Mission Tender) is a low maintenance and cost effective solution for fire departments and rescue teams. Paratech's SMT simplifies rescue plans by providing a neat and organized mobile container for all of your rescue equipment.
The Basic Trench SMT is equipped with Rescue Struts, MAXIFORCE® Air Lifting Bags, Low Pressure Trench Cushions, Waler System, Finnform, Plywood Ground Pads, extra room for other tools required for rescue, and other kits and components to facilitate rapid response to trench collapse scenarios.



BASIC TRENCH SMT

Part No.	Description
22-700240	Basic Trench SMT with Generator
22-700241	Basic Trench SMT without Generator
	PLEASE CONTACT US FOR PRICING

THE PARATECH RESCUE SUPPORT SYSTEM

The Paratech Rescue Support System is truly a "go anywhere" system. Designed to be effective for the simplest to the most demanding deployment, there isn't a more comprehensive, scalable and straightforward system than Paratech's. Whether you choose the precision of the AcmeThread Strut, the automatic locking collar of the LockStroke Strut or the added length of the LongShore Strut, they are strong and versatile enough for nearly every collapse and stabilization scenario.

The entire system includes 5 sizes of AcmeThread Struts, 4 sizes of LockStroke Struts, 4 sizes of HydraFusion Struts, 4 sizes of AcmeThread/LockStroke Extensions, 6 sizes of LongShore Struts, 4 LongShore Extensions and over 20 interchangeable base plates designed to support a wide variety of contact points. All aluminum alloy components of the Rescue Support System are hard coat anodized to reduce electrical conductivity and increase strength and durability.

Truly a system that will not stop growing, Paratech's Rescue Support System can be used in excavation collapse (trenches, mines), vehicle stabilization, structural collapse and reinforcement, or wherever there is a need for quick, strong and safe vertical or horizontal shoring.



BUILDING COLLAPSE



RAKER SYSTEM

STRUCTURAL SHORING

Earthquakes, construction collapse, cave-ins, floods and structural fire damage require a collapse rescue system designed for the purpose of extracting victims in a safe and timely manner.

VEHICLE STABILIZATION

Paratech Vehicle Stabilization Kits have the strength and flexibility to handle any size vehicle anytime, anywhere. This includes sub compact cars, buses, cement trucks and even locomotives. Additionally, these components provide the extra value of being completely interchangeable with your other Paratech equipment for building collapse and trench rescue scenarios.



VEHICLE STABILIZATION

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.



TRENCH

TRENCH SHORING

Paratech's pneumatic Rescue Struts allow for remote placement and easy locking as well as safe, remote removal. Used in combination with our Waler System, trench rescue has never been faster, easier or safer.


TRENCH & WALER


CHANNEL BASE

SPECIAL APPLICATIONS

To be used in combination with Paratech's LongShore, AcmeThread and LockStroke Struts, a wide variety of bases and accessories are available to assist in numerous special application scenarios. These include, but in no way are limited to: elevator shaft access and victim retrieval, high angle applications, confined space work and trench rescue. Add-on kits include: Tripod, Bipod, Monopod and Elevator Support Unit Kits.


VEHICLE STABILIZATION


TRAIN STABILIZATION


MONOPOD PULLEY KIT

RSS COMPARISONS	AcmeThread	LockStroke	LongShore	HFS
SIZES	5	4	6	4
LENGTHS	12 – 88 in (31–224 cm)	19 – 89 in (48–226 cm)	26–198 in (66–503 cm)	18.2–51.1 (46.2–129.7cm)
EXTENSIONS	4	4	4	4
EXTENSION LENGTHS	6–36 in (15–91 cm)	6–36 in (15–91 cm)	12–67 in (30.5–170 cm)	6–36 in (15–91 cm)
AUTO LOCKING COLLAR	NO	YES	NO	NO
FINE ADJUSTMENT	YES	YES with attachment	YES	YES
REMOTE PLACEMENT	YES	YES	YES	YES
TRENCH STABILIZATION	YES	YES	YES	YES
COLLAPSE STABILIZATION	YES	YES	YES	YES
VEHICLE STABILIZATION	YES	YES	YES	YES

ACMETHREAD STRUT

The Paratech **AcmeThread** Struts are comprised of a 2½" diameter Acme threaded aluminum movable solid shaft that extends out of a 3" diameter aluminum tube. The AcmeThread is a square thread that allows full surface contact of the shaft through the collar and the collar full surface contact on the tube to transfer load directly to ground. AcmeThread Struts can be extended manually or pneumatically with air, carbon dioxide or nitrogen.

Place strut into position, 'EXTEND' threaded shaft into desired length, 'SPIN' collar to 'LOCK' the strut.
It is as easy as... **'EXTEND & SPIN TO LOCK'**

Adjustments to the threaded shaft can be made in ANY increment up to the maximum length of the strut.



LOCKSTROKE STRUT

The Paratech **LockStroke** Struts are comprised of a 2½" diameter grooved solid aluminum movable shaft that extends out of a 3" diameter aluminum tube. LockStroke Struts have a ball bearing filled collar that locks automatically when the shaft extends either manually or pneumatically with air, carbon dioxide or nitrogen.

'SET' strut into position, 'EXTEND' strut with air or manually and the strut 'LOCKS' automatically.
It is as easy as...**'SET, EXTEND TO LOCK'**

OVER 20 INTERCHANGEABLE BASES

ALL ALUMINUM ALLOY COMPONENTS OF THE RESCUE SUPPORT SYSTEM ARE HARD COAT ANODIZED TO INCREASE STRENGTH AND DURABILITY

MACHINE KNURLED NON-SLIP LOCKING COLLAR
(ACME & LONGSHORE)



THE STRONGEST & MOST VERSATILE STRUTS IN THE WORLD

Paratech AcmeThread & LockStroke Load Table
Working Load Chart At The Following Safety Factors

LENGTH	2:1 lb.	kg.	3:1 lb.	kg.	4:1 lb.	kg.
2' / .6 m	43,500	19,731	29,000	13,154	21,750	9,866
4' / 1.22 m	40,000	16,275	26,667	10,850	20,000	9,072
6' / 1.83 m	28,250	12,814	18,830	8,541	14,125	6,407
8' / 2.44 m	24,050	10,909	16,030	7,271	12,025	5,455
10' / 3.05 m	10,725	4,865	7,150	3,243	5,360	2,431
12' / 3.66 m	7,660	3,475	5,000	2,313	3,830	1,737

5 YEAR WARRANTY
The data in this table has been confirmed by physical testing, witnessed and certified by an independent, licensed structural engineering company.

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

LONGSHORE STRUT

The Paratech **LongShore** Struts are comprised of a 3" diameter threaded aluminum movable shaft that extends out of a 3½" diameter aluminum tube. The square thread allows full surface contact of the shaft through the collar and the collar full surface contact on the tube to transfer load directly to ground. LongShore Struts can be extended manually or pneumatically with air, carbon dioxide or nitrogen.

Place strut into position, 'EXTEND' threaded shaft into desired length,'SPIN' collar to 'LOCK' the strut. It is as easy as... **'EXTEND & SPIN TO LOCK'**

Adjustments to the threaded shaft can be made in ANY increment up to the maximum length of the strut.



HYDRAFUSION STRUT

The Paratech **HydraFusion** Struts (AcmeThread) are comprised of a 3" diameter threaded aluminum shaft that extends hydraulically out of a 3 1/2" diameter aluminum tube. The hydraulic lift capacity is 10 U.S. tons with a 2:1 safety factor. Once the strut is extended, the AcmeThread collar is spun down to the locked position and creates a 20,000 lbs. 4:1 safety factor for stabilization.

Place strut into position, 'EXTEND' threaded shaft into desired length,'SPIN' collar to 'LOCK' the strut.

It is as easy as... **'EXTEND & SPIN TO LOCK'**

Adjustments to the threaded shaft can be made in ANY increment up to the maximum length of the strut.





LONGSHORE STRUTS ARE STRONGER AND LONGER FOR YOUR HEAVIEST AND HIGHEST SUPPORT SITUATIONS

Paratech LongShore Load Table

Working Load Chart At The Following Safety Factors

LENGTH		2:1 lb.	kg.	3:1 lb.	kg.	4:1 lb.	kg.
6'	6'-10' / 1.83m-3.05m	44,000	19,958	29,333	13,305	22,000	9,980
7'	6'-10' / 1.83m-3.05m	44,000	19,958	29,333	13,305	22,000	9,980
8'	6'-10' / 1.83m-3.05m	40,000	18,144	26,666	12,095	20,000	9,072
9'	6'-10' / 1.83m-3.05m	32,000	14,515	21,333	9,676	16,000	7,257
10'	6'-10' / 1.83m-3.05m	24,000	10,886	16,000	7,257	12,000	5,443
10'	8'-12' / 2.44m-3.66m	32,000	14,515	21,333	9,676	16,000	7,257
11'	8'-12' / 2.44m-3.66m	20,000	9,072	13,333	6,047	10,000	4,536
12'	8'-12' / 2.44m-3.66m	14,000	6,350	9,332	4,233	7,000	3,175
12'	10'-16' / 3.66m-4.88m	20,000	9,072	13,333	6,047	10,000	4,536
13'	10'-16' / 3.66m-4.88m	14,000	6,350	9,332	4,233	7,000	3,175
14'	10'-16' / 3.66m-4.88m	12,000	5,443	8,000	3,629	6,000	2,722
15'	10'-16' / 3.66m-4.88m	9,000	4,082	6,000	2,722	4,500	2,041
16'	10'-16' / 3.66m-4.88m	6,000	2,722	4,000	1,814	3,000	1,361

5 YEAR WARRANTY

The data in this table has been confirmed by physical testing, witnessed and certified by an independent, licensed structural engineering company.

HydraFusion Struts

The Paratech HydraFusion Struts offer end users the ability to lift up to 10 U.S. Tons with a safety factor of 2:1 and to stabilize up to 20,000 lbs. with a safety factor of 4:1. The innovative, built in Dual Shaft End Adapter (patent pending) allows users to safely use Paratech LongShore, LockStroke or AcmeThread Struts and Extensions in conjunction with the incredible lifting ability of the HydraFusion Strut.



HydraFusion Strut Kits

All lift 10 tons (9.0 mt) with a 2:1 safety factor.
All shore 20,000 lbs. (9.0 mt) with a 4:1 safety factor

HydraFusion Strut 04 Kit



Net Weight: 31.86 lb 14.45 kg
Part No. 22-79HA04K

HydraFusion Strut 04 Low Insertion Kit



Net Weight: 29.75 lb 13.5 kg
Part No. 22-79HA04LIK

HydraFusion Hose



Net Weight: 2.21 lb 1 kg
Part No. 22-790030X

HydraFusion Strut 10 Kit



Net Weight: 41.46 lb 18.81 kg
Part No. 22-79HA10K

HydraFusion Strut 16 Kit



Net Weight: 50.36 lb 22.84 kg
Part No. 22-79HA16K

HydraFusion Pump with Gauge



WITH GAUGE AND HOSE ONLY
Net Weight: 23.19 lb 10.52 kg
Part No. 22-790020G

No-spill, flat-face hydraulic couplings with a non-conductive 10 ft (3 m kink-resistant hose. Two speed, single acting, lightweight, 10,000 psi (690 bar), metal hydraulic pump.

HydraFusion Struts Accessories



HydraFusion LongShore Screw Adapter

Net Weight: 6.07lb 2.75kg
Part No. 22-790019



Strut Converter

The extension converter turns the extension into a fixed length strut.
Net Weight: 2.1lb 1.2kg
Part No. 22-796035



HydraFusion AcmeThread Screw Adapter

Net Weight: 6.56lb 2.98kg
Part No. 22-790067

Part No.	Description	LIFT HEIGHTS in	cm	NET WEIGHT lb	kg	SHIP WEIGHT lb	kg
22-79HA04	HydraFusion Strut 04 21.6 – 25.4 in / 54.8 – 64.5 cm	4	10.2	20.71	9.39	21.71	9.84
22-79HA10	HydraFusion Strut 10 28.6 – 38.5 in / 72.6 – 97.7 cm	10	25.4	30.31	13.74	31.31	14.20
22-79HA16	HydraFusion Strut 16 35.4 – 51.1 in / 89.9 – 129.7	15.9	40.4	39.21	17.78	40.21	18.24
22-79HA04LI	HydraFusion Strut 04, Low Insertion 18.2 – 22 in / 46.2 – 56 cm	4	10.2	18.60	8.45	20.1	9.13
22-79HA04LIK	HydraFusion Strut 04, Low Insertion Kit	4	10.2	29.75	13.5	31.75	14.4
22-79HA04K	HydraFusion Strut 04 Kit	4	10.2	31.86	14.45	33.86	15.36
22-79HA10K	HydraFusion Strut 10 Kit	10	25.4	41.46	18.81	43.46	19.71
22-79HA16K	HydraFusion Strut 16 Kit	15.9	40.4	50.36	22.84	52.36	23.75
22-790020G	HydraFusion Pump with Gauge	N/A	N/A	23.19	10.52	12.15	5.51
22-790019	Hydrafusion LongShore Screw Adapter	N/A	N/A	6.07	2.75	7.57	3.43
22-790067	Hydrafusion AcmeThread Screw Adapter	N/A	N/A	6.56	2.98	8.06	3.66
22-796035	Strut Converter	N/A	N/A	2.1	1.2	3.1	1.4

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

AcmeThread StrutDriver

LIFT LIKE NO OTHER!

**PARATECH ACMETHREAD STRUT DRIVER..
EASY TO USE, QUICK TO DEPLOY.
STRONG AND SAFE.**









AcmeThread Strut Driver

Medium duty strut lifting device integrated into our extremely strong and versatile AcmeThread Rescue Strut. Safe, Easy, Fast Lifting. 6,000 lbs (2,721 kg) lifting capacity. Limitless Functionality; Vehicle stabilization, Structural collapse scenarios, trench shoring, soft placement ability. Made from aircraft grade aluminum housings, alloy steel gears and hardened ball bearings, making lifting smooth and easy. Contoured gear box designed to resist dragging during vehicle lifts. Directional safety mechanism to insure strut will only travel in the direction it indicates. Available in two AcmeThread strut sizes.

AcmeThread Strut Driver: 25-36 in / 64–91 cm (22.57 lbs / 10.24 kg)
Part No. 22-796200SD

AcmeThread Strut Driver: 37-58 in / 94-147 cm (29.58 lbs / 13.42 kg)
Part No. 22-796202SD

Hex Ratchet Handle: 22-797727 2.85 lbs / 1.29 kg

AcmeThread Strut Driver Retro Fit Kit

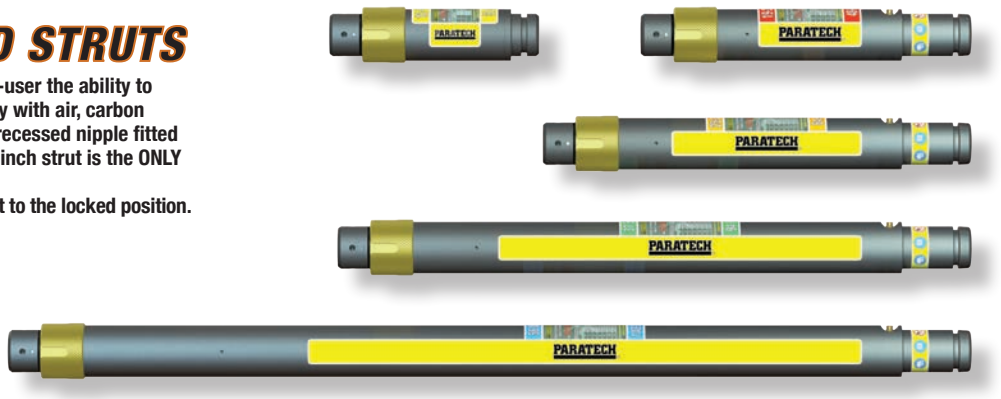
Can be attached to any of your existing AcmeThread struts to utilize all the same functionalities of the AcmeThread Strut Driver. This kit includes a removable gearbox and tube end adapter. Can be fully installed and still manually adjusted. An additional tube end adapter is necessary if using strut extensions. Accessories to this kit include the ¾" (19mm) Hex Wrench and strut Carrying Handle.

Kit with Handle: 22-79SDRFH 17.25 lbs / 7.82 kg
Kit without Handle: 22-79SDRF 14.4 lbs / 6.5 kg
Hex Ratchet Handle: 22-797727 2.85 lbs / 1.29 kg
Carrying Handle: 22-797042E 2.4 lbs / 1.1 kg



AcmeThread Struts

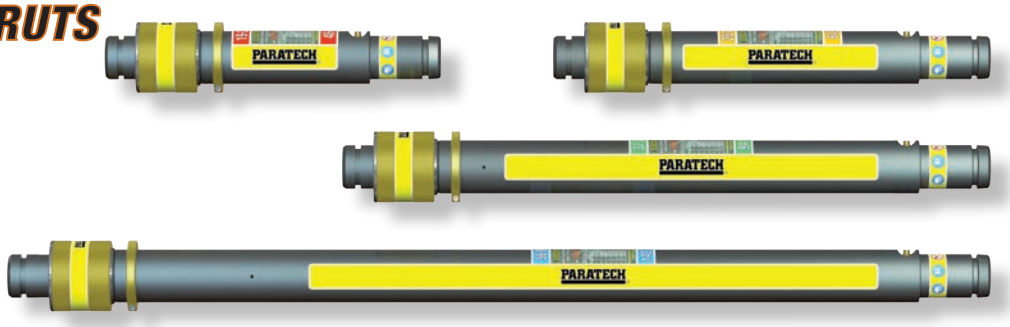
AcmeThread Struts offer the end-user the ability to extend manually or pneumatically with air, carbon dioxide or nitrogen, utilizing the recessed nipple fitted to the aluminum tube. The 12-15 inch strut is the ONLY non-pneumatic strut.
AcmeThread Struts always default to the locked position.



Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-796212	AcmeThread Strut 12-15 in / 31-38 cm	6.6	3.0	7.1	3.2
22-796206	AcmeThread Strut 19-25 in / 48-64 cm	11.2	5.1	11.7	5.3
22-796200	AcmeThread Strut 25-36 in / 64-91 cm	14.9	6.8	15.4	6.9
22-796202	AcmeThread Strut 37-58 in / 94-147 cm	22.4	10.2	22.9	10.4
22-796204	AcmeThread Strut 56-88 in / 142-224 cm	32.6	14.8	33.1	15.0

LockStroke Struts

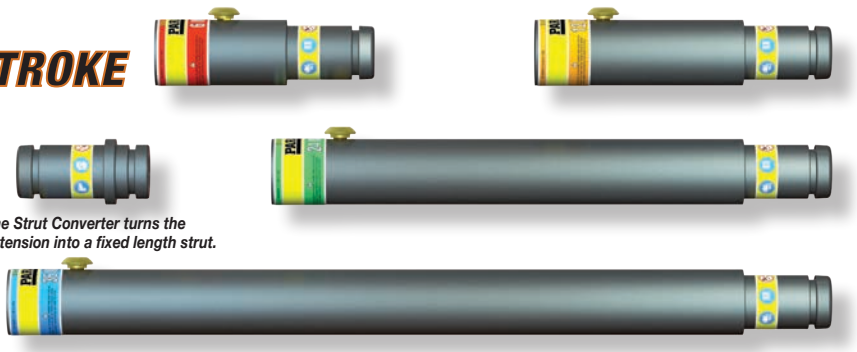
LockStroke Struts feature an innovative automatic locking collar. Activated either manually or pneumatically with air, carbon dioxide or nitrogen, LockStroke Struts always default to the locked position.



Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-796006	LockStroke Strut 19-25 in / 48-64 cm	12.7	5.8	13.2	5.9
22-796000	LockStroke Strut 25-36 in / 64-91 cm	16.5	7.5	17.0	7.7
22-796002	LockStroke Strut 36-58 in / 94-147 cm	24.0	10.9	24.5	11.1
22-796004	LockStroke Strut 55-89 in / 140-226 cm	35.7	16.2	36.2	16.4

AcmeThread & LockStroke Strut Extensions

Paratech offers four sizes of extensions 6, 12, 24 and 36 inches, which can be used with the AcmeThread & LockStroke Struts. Extensions are attached to the strut on the solid end.



The Strut Converter turns the extension into a fixed length strut.

Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-796035	Strut Converter	2.7	1.2	3.1	1.4
22-796017	Strut Extension 6 in / 15 cm	3.8	1.7	4.2	1.9
22-796012	Strut Extension 12 in / 30 cm	4.6	2.1	5.0	2.3
22-796024	Strut Extension 24 in / 61 cm	7.1	3.2	8.0	3.6
22-796036	Strut Extension 36 in / 91 cm	9.7	4.4	11.0	5.0

For all lengths displayed above. CLOSED position: inches rounded up - decimals not shown. OPEN position: inches rounded down - decimals not shown.

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

LONGSHORE STRUTS

LongShore Struts offer end-users the ability to extend manually or pneumatically with air, carbon dioxide or nitrogen, utilizing the recessed nipple fitted to the aluminum tube.
LongShore Struts always default to the locked position.



Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-796710	LongShore Strut 203 26-36 in / 66-91 cm	16.0	7.3	17.0	7.7
22-796720	LongShore Strut 304 36-50 in / 91-127 cm	22.0	10.0	23.0	10.5
22-796730	LongShore Strut 406 48-73 in / 122-185 cm	28.0	12.7	29.0	13.2
22-796360	LongShore Strut 610 72-116 in / 183-295 cm	41.0	18.6	42.0	19.1
22-796370	LongShore Strut 812 92-147 in / 234-373 cm	53.0	24.0	54.0	24.5
22-796390	LongShore Strut 1016 114-198 in / 290-503 cm	65.0	29.5	66.0	29.9

LONGSHORE STRUTS EXTENSIONS

Paratech offers four sizes of LongShore Extensions 12, 24, 48 and 67 inches. Extensions are attached to the strut on the solid end.



LongShore Struts Only
The extension converter turns the extension into a fixed length strut.

Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-796037	LongShore Converter	2.5	1.1	2.6	1.2
22-796341	LongShore Extension 135 12 in / 30.5 cm	6.2	2.8	7.2	3.3
22-796342	LongShore Extension 235 24 in / 61 cm	9.2	4.2	10.2	4.6
22-796356	LongShore Extension 435 48 in / 122 cm	15.0	6.8	16.0	7.3
22-796376	LongShore Extension 635 67 in / 170 cm	20.0	9.1	21.0	9.5

LONGSHORE ADJUSTABLE BRACE

The B23 and B57 are manually adjusted by twisting the inner threaded shaft to increase or decrease the length of the brace. Utilized in Paratech's Flying Raker Kit (B23) and Midpoint Brace Kit (B57).
Utilized to support in both compression as well as tension applied forces.



Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-796348	LongShore Adjustable Brace B23 26-36 in / 66-91 cm	15.0	6.8	16.0	7.3
22-796350	LongShore Adjustable Brace B57 60-85 in / 152-216 cm	32.7	14.5	33.7	15.3

For all lengths displayed above. CLOSED position: inches rounded up - decimals not shown. OPEN position: inches rounded down - decimals not shown.



BASES & END PLATES

Designed to be the strut's contact point, Paratech's wide assortment of aluminum alloy bases and end Plates offer unparalleled versatility in the widest range of collapse support situations.

FOR USE WITH:

- AcmeThread
- LockStroke
- LongShore
- HydraFusion



ADJUSTABLE THREADED CONNECTOR
For LockStroke Strut

Net Weight: 2.2lb 1.0kg
Part No. 22-796160



SPRING LOADED CONNECTOR
For LockStroke Strut

Net Weight: 2.2lb 1.0kg
Part No. 22-796170

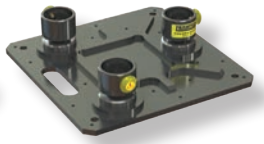


HINGED BASE PLATE 12 12 IN / 30.5 CM
45° hinged base with eight 1 in / 2.5 cm picket holes

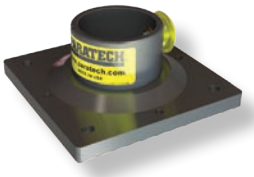
Net Weight: 10.0lb 4.5kg
Part No. 22-796180R



HINGED BASE PLATE 12 with ANCHOR RING 12 IN / 30.5 CM
45° hinged base with eight 1 in / 2.5 cm picket holes
Net Weight: 12.0lb 5.4kg
Part No. 22-796180C

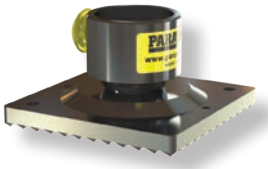


COLUMN BASE
The column base can be used with 3 struts to create a column spot shore
16" x 16" /40.6cm x 40.6cm
Net Weight: 18.2lb 8.3kg
Part No. 22-796680



RIGID BASE 6 6 IN / 15.2 CM

Net Weight: 2.8lb 1.3kg
Part No. 22-796070



SWIVEL BASE 6 6 IN / 15.2 CM
20° swivel base

Net Weight: 3.3lb 1.5kg
Part No. 22-796060



HINGED BASE 6 6 IN / 15.2 CM
45° hinged base

Net Weight: 3.8lb 1.7kg
Part No. 22-796140



CONTOUR BASE
Contoured to grip surfaces dealing in vehicle stabilization kits
Net Weight: 1.7lb 0.8kg
Part No. 22-796270



MULTI CHAIN BASE
Takes 3/8" (9.5mm) and 1/2" (12.7mm)
*Including square wire section chains
Net Weight: 3.16lb 1.64kg
Part No. 22-796685



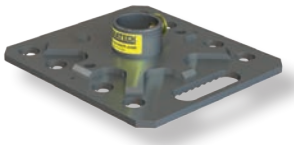
RUBBER BASE 4 IN / 10.2 CM
Great base for a sure grip

Net Weight: 2.7lb 1.2kg
Part No. 22-796190



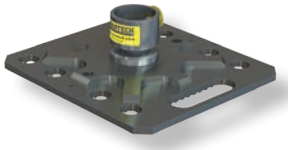
HINGED BASE WITH ANCHOR RING 6 IN / 15.2 CM
45° hinged base

Net Weight: 4.5lb 2.0kg
Part No. 22-796150



RIGID BASE 12 12 IN / 30.5 CM

Net Weight: 8.6lb 3.9kg
Part No. 22-796180A



SWIVEL BASE 12 12 IN / 30.5 CM
20° swivel base with eight 1 in / 2.5 cm picket holes

Net Weight: 9.3lb 4.2kg
Part No. 22-796180B



MULTI BASE
Can be used as a V Base, Cone Base, Wedge Base and will accept a 3/8" chain

Net Weight: 2.0lb 0.9kg
Part No. 22-796025

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.



V BASE

The V Base has a 90° V that will fit onto any right angle. Features 2 nailing holes should it need to be nailed to a piece of wood used in other applications

Net Weight: 1.4lb 0.6kg

Part No. 22-796090



OFF SET CONE BASE

The Cone Base has a steel cone that will dig into sheet metal, concrete or asphalt

Net Weight: 1.2lb 0.5kg

Part No. 22-796560



CONVEX MULTI BASE

Multi–purpose vehicle stabilization with Chain Wedge for 3/8" chain, V–Base, Cone Base

Net Weight: 1.6lb 0.7kg

Part No. 22-796269



MONOPOD HEAD / PULLEY

Monopod Head / Pulley is a base that was designed for blind shaft elevator rescue, trench rescues and high angle rescues

Net Weight: 7lb 3.2kg

Part No. 22-796540



MONOPOD / PULLEY ROOF PLATE

Monopod / Pulley Roof for use in conjunction with the Monopod Head / Pulley

24" x 12" / 61cm x 30.5cm

Net Weight: 14lb 6.4kg

Part No. 22-796570

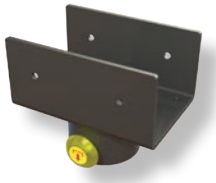


MONOPOD / PULLEY ANGLE BASE

Designed originally for the Monopod kit to be used in blind shaft elevator rescue but can be used in other locations where the angle base would fit

Net Weight: 7lb 3.2kg

Part No. 22-796590



CHANNEL BASE US:

4 IN x 4 IN / 10.2 CM x 10.2 CM

Part No. 22-796134

CHANNEL BASE METRIC:

4.3 IN x 6 IN / 10.9 CM x 15.2 CM

Part No. 22-796131

Used for structural collapse to support beams

Net Weight: 2.0lb 0.9kg



CHANNEL BASE US:

6 IN x 6 IN / 15.2 CM x 15.2 CM

Part No. 22-796136

CHANNEL BASE METRIC:

6.3 IN x 7 IN / 16 CM x 17.8 CM

Part No. 22-796133

Used for structural collapse to support beams

Net Weight: 2.5lb 1.1kg

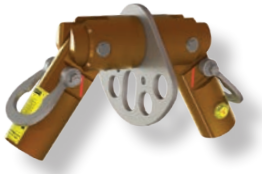


ANGLE BASE

The angle base can be used just like the 4x4 or 6x6 bases. Designed for use when you cannot make full contact around the header or sole Plate.

Net Weight: 1.6lb 0.7kg

Part No. 22-796092

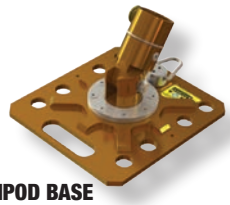


BIPOD HEAD

The Bipod HEAD ("A' Frame/Gantry Head) is to be used in conjunction with the (2) bipod base Plates to create the Bipod ("A" Frame/ Gantry) System

Net Weight: 33 lb 15 kg

Part No. 22-796820



BIPOD BASE

The Bipod Base Plate is a 12 in / 30.5 cm base Plate but is designed with the full articulating cup to be used as an "A" frame or Gantry System

Net Weight: 11.1lb 5.0kg

Part No. 22-796180E



HITCH BASE

Can be utilized by putting into a 2" hitch receiver and in conjunction with the Monopod kit so you can have a high point anchor off of your vehicle

Net Weight: 13.4lb 6.1kg

Part No. 22-796575



ELEVATOR SUPPORT ARMS

Left and Right Elevator Support Arms used in conjunction with angled rubber base to lock elevator chair in position during rescues of people in stalled/stuck elevator cars

Net Weight: 8.5lb 3.9kg

Part No. 22-796260L or Part No. 22-796260R



ANGLED RUBBER BASE

Angled rubber base used in conjunction with the elevator support arms lock elevator chair in position during rescues of people in stalled/stuck elevator cars

Net Weight: 1.7lb 0.8kg

Part No. 22-796266



CLAMP 335 & CLEVIS

Designed for use with the Flying Raker and Midpoint brace kit in conjunction with the Raker Kits

Net Weight: 5.0lb 2.3kg

Part No. 22-796330

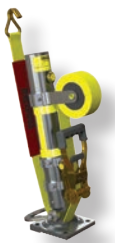


TRIPOD HEAD

To be used in conjunction with either AcmeThread or LongShore struts to create a tripod

Net Weight: 9.0lb 4.1kg

Part No. 22-796010

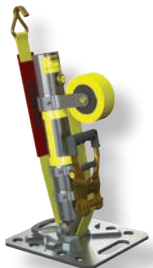


VSK BASE 6

6 in / 15.2 cm base integrated with ratchet belt and anchor ring making vehicle stabilization quicker & easier

Net Weight: 18.5lb 8.4kg

Part No. 22-796331



VSK BASE 12

12 in / 30.5 cm base integrated ratchet belt and anchor ring making vehicle stabilization quicker & easier

Net Weight: 23.5lb 10.6kg

Part No. 22-796308



RESCUE STRUTS KITS

BASIC KIT

The **Basic Kit** is the ideal kit for stabilizing a vehicle on side or roof as well as transporter or van. The Convex Multi Base can be used for a triangle with or without a free sliding hook, depending on the situation.

Maximum load up to 19.732 kg (4:1 Safety)
Capabilities: Vehicle Stabilization
Kit Part No. 22-796BK1

BASIC KIT CONTENTS:

QTY.	Part number	Description	lbs	kg
1	22-796012	Strut Extension 12	4.6	2.09
1	22-796024	Strut Extension 24	7.1	3.22
2	22-796150	Hinged Base 6/W Anchor Ring	4.5	2.04
2	22-796161	Tie Down Keys W/J Hook	1.5	0.68
1	22-796200	AcmeThread Strut 25-36	14.9	6.76
1	22-796202	AcmeThread Strut 37-58	22.4	10.16
2	22-796269	Convex Multi-Base	3.26	1.48
2	22-797058	Heat Shield For Strap	0.27	0.12
2	22-797063H	Double J-Hook	0.53	0.24
		Total Kit Weight	59.06	26.79

HLF KIT

The **HLF Kit** is suited for stabilizing anything from a small vehicle on side to an underride on the highway involving heavy trucks or heavy farming equipment. The HLF Kit can also be used for basic collapse incidents involving buildings or trenches.

Maximum load up to 43.5T (39t) (4:1 Safety)
Capabilities: Vehicle Stabilization Heavy Vehicle Stabilization Trench (Basic) Collapse (Basic)
Kit Part No. 22-796HLF

HLF KIT CONTENTS:

QTY.	Part number	Description	lbs	kg
2	22-790060	RSS Carrying Strap	0.6	0.27
2	22-796012	Strut Extension 12	4.6	2.09
2	22-796024	Strut Extension 24	7.1	3.22
2	22-796036	Strut Extension 36	9.7	4.4
2	22-796060	Swivel Base 6	3.3	1.5
2	22-796070	Rigid Base 6	2.8	1.27
4	22-796161	Tie Down Keys W/J Hook	1.5	0.68
2	22-796180c	Hindged Base 12 W/Anchor Ring	9.1	4.13
2	22-796200	AcmeThread Strut 25-36	14.9	6.76
2	22-796202	AcmeThread Strut 37-58	22.4	10.16
2	22-796269	Convex Multi-Base	3.26	1.48
2	22-796270	Contour Base	1.7	0.77
2	22-796331	VSK Base 6	12.3	5.58
2	22-797058	Heat Shield For Strap	0.27	0.12
2	22-797063H	Double J-Hook	0.53	0.24
2	22-890553	Ratchet Belt 27' WII 3,330lbs	5.9	2.68
		Total Kit Weight	**99.96**	**45.35**













CIVIL ENGINEERING KIT

The **Civil Engineering Kit** is an upgrade to your HLF or RW Kit giving you more flexibility for trench Rescue. 2 Additional Struts and 4 Bases help you out in trench rescue. The Struts are 19-25 in. (48-64 cm). Air control equipment and the TY Strut tool give you the opportunity to lower struts into a trench and secure them from the outside with a maximum pressure of 250 psi (17 Bar.)

Maximum load up to 43.5T (39t) (4:1 Safety)
Capabilities: Vehicle Stabilization
Kit Part No. 22-796CEK

CIVIL ENGINEERING KIT CONTENTS:

QTY.	Part number	Description	lbs	kg
4	22-796060	Swivel Base 6	3.3	1.5
1	22-796103G2	Dual Deadman RSS Controller G2	4.7	2.13
2	22-796206	AcmeThread Strut 19-25	11.2	5.08
1	22-796840	Basic Ty Strut Release Tool	2.2	1
1	22-796846	Extension Pole 6-1	2	0.9
1	22-890515	Hose 16' Yellow W/Couplings	2.5	1.13
1	22-890516	Hose 16' Red W/Couplings	2.5	1.13
1	22-890517	Hose 16' Green W/Couplings	2.5	1.13
1	22-895400DG2	Reculator G2 20.7 Bar Din	4	1.81
		Total Kit Weight	**34.9**	**15.81**

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

RW KIT

The **RW Kit** allows your rescue truck to be capable of anything from a vehicle on side to a collapsed building or trench. You can either use your current airbag control equipment to remotely set struts in a trench situation or upgrade your trench capabilities with the civil engineering kit.

Maximum load up to 65T (59.2t) (4:1 Safety)
Capabilities: Vehicle Stabilization Heavy Vehicle Stabilization Trench Collapse

Kit Part No. 22-796RWK

RW KIT CONTENTS:

QTY.	Part number	Description	lbs	kg
2	22-796012	Strut Extension 12	4.6	2.09
2	22-796024	Strut Extension 24	7.1	3.22
2	22-796025	Multi-Base	2	0.9
2	22-796036	Strut Extension 36	9.7	4.4
4	22-796060	Swivel Base 6	3.3	1.5
4	22-796070	Rigid Base 6	2.8	1.27
4	22-796161	Tie Down Keys W/J Hook	1.5	0.68
4	22-796180c	Hindged Base 12 W/Anchor Ring	9.1	4.13
2	22-796200	AcmeThread Strut 25-36	14.9	6.76
2	22-796202	AcmeThread Strut 37-58	22.4	10.16
2	22-796269	Convex Multi-Base	3.26	1.48
2	22-796270	Contour Base	1.7	0.77
2	22-796360	LongShore Strut 610	41	18.6
2	22-797058	Heat Shield For Strap	0.27	0.12
2	22-797063H	Double J-Hook	0.53	0.24
1	22-890513	Hose 16' Black W/Couplings	2.5	1.13
1	22-890514	Hose 16' Blue W/Couplings	2.5	1.13
1	22-890515	Hose 16' Yellow W/Couplings	2.5	1.13
1	22-890516	Hose 16' Red W/Couplings	2.5	1.13
4	22-890553	Ratchet Belt 27' WII 3,330lbs	5.9	2.68
		Total Kit Weight	**140.06**	**63.52**


ROLL CONTAINER KIT

ROLL CONTAINER KIT

The **Roll Container Kit** gives you all the flexibility you need, from vehicle stabilization to trench collapse the possibilities are endless with this kit. Air control equipment for use during trench rescue is already included in this kit along with short struts. A tripod can also be built with this kit. With this kit you turn your logistics vehicle into a rescue truck.

Maximum load up to 65T (59.2t) (4:1 Safety)
Capabilities: Vehicle Stabilization Heavy Vehicle Stabilization Trench Collapse (Basic)

Kit Part No. 22-796RCK

ROLL CONTAINER KIT CONTENTS:

QTY.	Part number	Description	lbs	kg
1	22-550285A	Pelican Case	9	4.08
1	22-796010	Tripod Head Assembly	9	4.08
2	22-796012	Strut Extension 12	4.6	2.09
3	22-796024	Strut Extension 24	7.1	3.22
2	22-796025	Multi Base	2	0.9
3	22-796036	Strut Extension 36	9.7	4.4
4	22-796060	Swivel Base 6	3.3	1.5
4	22-796070	Rigid Base 6	2.8	1.27
1	22-796103G2	Dual Deadman RSS Controller G2	4.7	2.13
3	22-796150	Hinged Base 6 W/Ancor Ring	4.5	2.04
6	22-796161	Tie Down Keys W/J Hook	1.5	0.68
2	22-796165EU	Chain, 10mmx6.1 W/Hooks	33.5	15.2
4	22-796180C	Hinged Base 12 W/Anchor Ring	9.1	4.13
2	22-796200	AcmeThread Strut 23-36	14.9	6.76
3	22-796202	AcmeThread Strut 37-58	22.4	10.16
2	22-796206	AcmeThread Strut 19-25	11.2	5.08
2	22-796269	Convex Multi-Base	3.26	1.48
4	22-796270	Contour Base	1.7	0.77
2	22-796430	Shoring Hammer	2.9	1.32
2	22-797058	Heat Shield For Strap	0.27	0.122
2	22-797063H	Double J-Hook	0.53	0.24
1	22-890513	Hose 16' Black W/Couplings	2.5	1.13
2	22-890514	Hose 16' Blue W/Couplings	2.5	1.13
1	22-890515	Hose 16' Yellow W/Couplings	2.5	1.13
1	22-890516	Hose 16' Red W/Couplings	2.5	1.13
2	22-890517	Hose 16' Green W/Couplings	2.5	1.13
1	22-890518	Hose 16' Gray W/Couplings	2.5	1.13
6	22-890553	Ratchet Belt 27' WII 3,330lbs	5.9	2.68
1	22-895400DG2	Regulator G2 20.1 Bar Din	4	1.81
		Total Kit Weight	**182.86**	**82.92**

SIDE SUPPORT KIT

The **Side Support Kit** is an upgrade for your RW kit. It helps you when a flying raker is needed. The flying raker can be used on buildings or trucks leaning sideways preventing a load to shift.

Capabilities: Flying Raker (with RW Kit)

Kit Part No. 22-796SSK

SIDE SUPPORT KIT CONTENTS:

QTY.	Part number	Description	lbs	kg
2	22-796250	Raker Rail Latch	3.2	1.45
1	22-796258C	Raker Rail 6	20.7	9.39
1	22-796330	Clamp and Clevis	5	2.27
1	22-796348	LongShore Adjustable Brace B23	15	6.08
1	22-796356	LongShort Extension 435	15	6.08
		Total Kit Weight	**58.9**	**25.27**

9T HEAVY LIFT KIT

With the HydraFusion Strut 10 you can lift 9T (9t) with a 10 in. (25cm) stroke. The extension converter that comes in this kit is handy when directly using the HFS under a load, also all Paratech Struts can be used as an extension of the HFS.

Capabilities: Lifting

Kit Part No. 22-7969TK

SIDE SUPPORT KIT CONTENTS:

QTY.	Part number	Description	lbs	kg
1	22-79HA10	HydraFusion Strut 10	25.4	11.52
1	22-790020G	HydraFusion Pump W/Gauge	23.19	10.52
1	22-796035	Strut Converter	2.7	1.22
1	22-796180C	Hinged Base 12 W/Anchor Ring	9.1	4.13
1	22-796206	AcmeThread Strut 19-25	11.2	5.08
1	22-796270	**Contour Base**	**1.7**	**0.77**
		Total Kit Weight	**73.29**	**33.24**

WALER RAILS



Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-796295	Spot Shore Rail 18 in / 45.7 cm	11.2	5.1	13.2	6.0
22-796281	Waler Rail 6 ft / 1.8 m	42.8	19.4	44.8	20.3
22-796283	Waler Rail 8 ft / 2.4 m	58.7	26.6	60.7	27.5

WALER SYSTEM

Part No.	Net Weight: lb	kg	Ship Weight: lb	kg
22-796282	501.6	227.6	529.6	240.2

Part No.	Description	Quantity	Part No.	Description	Quantity
22-796281	Waler Rail 6 ft / 1.8 m	4	22-796285	Stop Block	16
22-796283	Waler Rail 8 ft / 2.4 m	4	22-796287	Waler Connector	4

WALER ACCESSORIES

INSIDE MECHANICAL THRUST BLOCK
Net Weight: 10.4lb 4.7kg
Part No. 22-796401



OUTSIDE MECHANICAL THRUST BLOCK
Net Weight: 21.6lb 9.8kg
Part No. 22-796411



L-TRENCH ADAPTER SET
Net Weight: 8.4lb 3.8kg
Part No. 22-796425

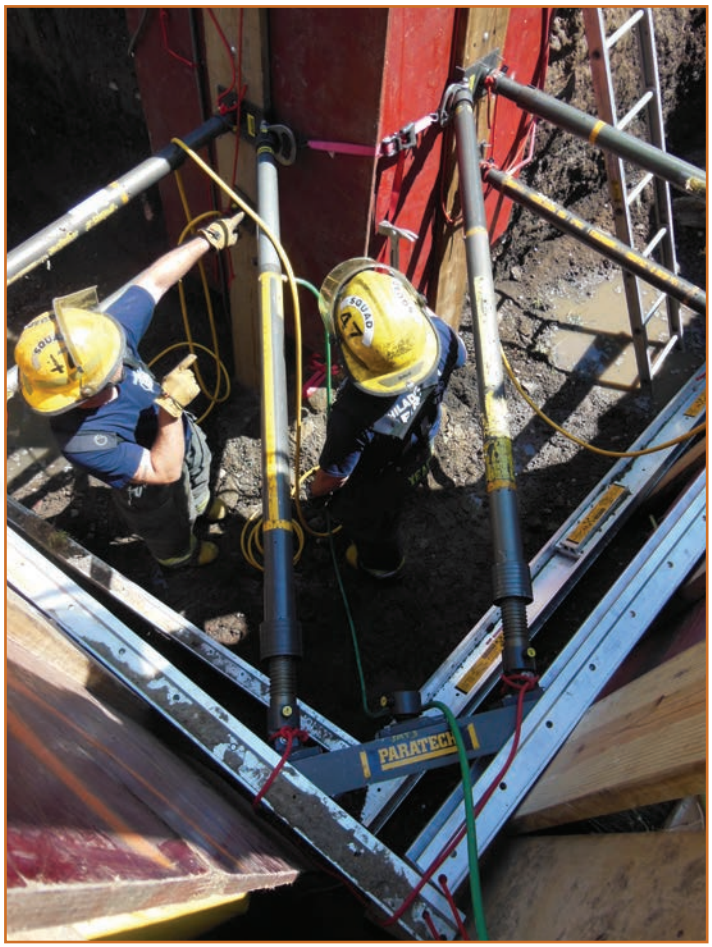


WALER CONNECTOR
Net Weight: 19.9lb 9.0kg
Part No. 22-796287



WALER STOP BLOCK
Net Weight: 1.0lb 0.5kg
Part No. 22-796285





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LONGSHORE RAKER RAILS









Part No.	Description	Net Weight:	lb	kg	Ship Weight:	lb	kg
22-796258A	Raker Rail 2 24 in / 61 cm		7.0	3.2		8.0	3.6
22-796258B	Raker Rail 4 48 in / 122 cm		13.7	6.2		14.7	6.7
22-796258C	Raker Rail 6 72 in / 183 cm		20.7	9.4		21.7	9.8
22-796258D	Raker Rail 8 96 in / 244 cm		28.0	12.7		29.0	13.2

RAKER ACCESSORIES



RAKER RAIL SPLICE
Net Weight: 7.5lb 3.4kg
Part No. 22-796469



45 DEGREE BASE
Net Weight: 13.5lb 6.1kg
Part No. 22-796690



NAILING PAD WITH CLAMP
Net Weight: 9.9lb 4.5kg
Part No. 22-796310



RAKER ANGLE BASE
Net Weight: 5.6lb 2.5kg
Part No. 22-796475



RAIL LATCH HOLDER
Net Weight: 4.2lb 1.9kg
Part No. 22-796656



RAKER RAIL LATCH
Net Weight: 3.2lb 1.5kg
Part No. 22-796250



RAKER JUNCTION BASE
Net Weight: 7.3lb 3.3kg
Part No. 22-796290



RAIL JUNCTION
Net Weight: 9.7lb 4.4kg
Part No. 22-796280



STRUT DISTRIBUTOR MODULE
Net Weight: 0.56lb 0.25kg
Part No. 22-796395



For use with single or dual controller. Can connect up to 5 modules to shoot 6 struts at one time.

AIR SUPPLY COMPONENTS



SINGLE STRUT CONTROLLER G2
250 PSI / 17.2 BAR
Net Weight: 2.5lb 1.1kg
Part No. 22-796100G2



DUAL DEADMAN STRUT CONTROLLER G2
250 PSI / 17.2 BAR
Net Weight: 4.1lb 1.9kg
Part No. 22-796103G2



STRUT/AIRGUN REGULATOR
5,500-0 PSI / 379.2-0 BAR
Part No. 22-895400G2 US
Net Weight: 3.8lb 1.7kg
Part No. 22-895400DG2 METRIC
Net Weight: 3.9lb 1.8kg



SINGLE TRENCH CUSHION CONTROLLER
7.25 PSI / 0.5 BAR
Net Weight: 5.0lb 2.3kg
Part No. 22-887310



VSK CONTROLLER
50–16 PSI / 0–1.1 BAR
Net Weight: 1.72 lb .78kg
Part No. 22-796V01

AIR HOSES



	RED	YELLOW	GRAY	BLUE	BLACK	GREEN
3/8 IN / 9.5 mm diameter						
x 16 ft / 5 m (2.5 lb / 1.1 kg)	22-890516	22-890515	22-890518	22-890514	22-890513	22-890517
x 32 ft / 10 m (4.5 lb / 2.0 kg)	22-890521	22-890520	22-890525	22-890523	22-890522	22-890524
x 50 ft / 15 m (7.0 lb / 3.2 kg)	22-890541	22-890542	22-890545	22-890543	22-890546	22-890544
1 IN / 25.4 mm diameter	RED			BLUE		
x 20 ft / 6.1 m (11.0 lb / 5.0 kg)	22-887400			22-887401		

RESCUE SUPPORT SYSTEM ACCESSORIES

ADVANCED TY STRUT RELEASE TOOL

The new patent pending Ty Strut Release Tool is designed to be used to place Paratech struts into a trench or hard to reach places and to tighten or loosen struts.

Net Weight: 2.2lb 1.0lkg

Part No. 22-796845





ACCEPTS ANY STANDARD 3/4" ACME THREADED POLE

BASIC TY STRUT RELEASE TOOL

Ty Strut Release Tool without LockStroke Release Mechanism

Net Weight: 1.44lb .65kg

Part No. 22-796840





LOCKSTROKE RELEASE MECHANISM

Net Weight: .71lb .32kg

Part No. 22-796847



CHAIN 20 FT / 6.1 M x 3/8 IN, GRADE 100

Net Weight: 33.5lb 15.2kg

Part No. 22-796C1H



Utilized with all VSK's. Gives ability to attach ratchet belt to almost any vehicle on the road.

RATCHET BELT WITH FINGER HOOK 27 FT / 8.2 M

Capacity: 3,300 lb / 1,497 kg working
10,000 lb / 4,536 kg breaking

Net Weight: 5.9lb 2.7kg

Part No. 22-890553



TIE DOWN KEYS WITH J HOOK

Net Weight: 5.0lb 2.3kg

Part No. 22-796161

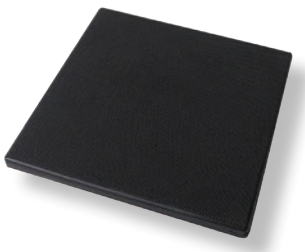


DOUBLE HEADED PICKET 1 in / 2.5 cm x 40 in / 101.6 cm

STL Picket Double Headed

Net Weight: 9.5lb 4.3kg

Part No. 22-796P14



NON-SLIP NEOPRENE PAD

15 x 15 x 1 IN
38.1 x 38.1 x 2.5 CM

Net Weight: 12.0lb 5.4kg

Part No. 22-890015



CLIP 3.0 / 7.6 CM

(for AcmeThread & LockStroke Struts)

Net Weight: 0.6lb 0.3kg

Part No. 22-796182A

CLIP 3.5 / 8.9 CM

(for LongShore Struts)

Net Weight: 0.8lb 0.8kg

Part No. 22-796185A

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WORKING AIR CART
Net Weight: 110lb 50kg
Part No. 22-800200 US
Part No. 22-800200D METRIC

WORKING AIR CART WITHOUT CYLINDERS
Net Weight: 43.4lb 19.7kg
Part No. 22-800201 US
Part No. 22-800201D METRIC



TRENCH CUSHION
18 IN / 45.7 CM
LIFT: 3.3 US TON / 3.0 METRIC TON
Low pressure square cushions that can fill up to an 18 in (46 cm) void.
Net Weight: 28.0lb 12.7kg
Part No. 22-887060

MANUAL COMPRESSOR (2 Stage)
18.5 x 7.6 x 5.0 IN
47.0 x 19.3 x 12.7 CM
Net Weight: 14.7lb 6.7kg
Part No. **22-800400**



SHORING HAMMER
The multi-functional shoring hammer is a spanner wrench, 9/16in / 14mm wrench, can pull nails, pry and shut off gas valves

Net Weight: 2.9lb 1.3kg
Part No. 22-796430





LOAD INDICATOR
Net Weight: 6.5lb 3.0kg
Part No. 22-796550 US - 20K lb
Part No. 22-796550M METRIC - 10K kg



RSS CARRYING HANDLE
For use with both AcmeThread and LockStroke Struts and the AcmeThread Strut Driver
Net Weight: 2.4lb 1.1kg
Part No. 22-797042E



RSS CARRYING STRAP
For use with all Paratech Rescue Struts
Net Weight: 0.6lb 0.2kg
Part No. **22-790060**

MONOPOD/PULLEY KIT

The Monopod Head & Pulley attach to the 610 LongShore Strut and can be used in applications such as high angle, elevator shaft, confined space and trench rescue. The kit includes the Monopod Head & Pulley, Tri-Anchor Ring, Angle Base, Roof Plate and also includes a black ballistic nylon carrying case.

Product Features:

- Pulley assembly allows the rope to come down the outside of the tube for ease of hoisting (10,000 lb capacity)
- 1000 lb load capacity per hoist ring (4)
- Can be used with a life safety rope of up to 1/2 inch
- Monopod Head & Pulley Assembly is constructed of lightweight aluminum and stainless steel for strength and durability

Part No.	Description	Quantity
22-796535	Carrying Case, Monopod/Pulley Kit	1
22-796540	Monopod Head/Pulley	1
22-796595	Tri-Anchor	1
22-796570	Monopod/Pulley Roof Plate	1
22-796590	Monopod/Pulley Angle Base	1

Part No.	Net Weight: lb	kg
22-796530	43.0	19.5





HITCH BASE (optional)
Can be utilized by putting into a 2" hitch receiver and in conjunction with the Monopod kit so you can have a high point anchor off of your vehicle
Part No. 22-796575

BIPOD KIT

The Bipod Kit is designed for use in various lifting and moving applications. It can be utilized in high angle, cliff overhangs, grain elevator rescue, confined space, trench, mine and open pit rescues. The kit includes Bipod Head and two Hinged Base Plates with Anchor Rings.

Product Features:

- 60° maximum spread angle with parallel max indication lines
- High strength hinged rotating anchor Plate
- Bipod Conversion Kit is constructed of lightweight aluminum and stainless steel for strength and durability

Part No.	Description	Quantity
22-796180E	Bipod Base Plate	2
22-796820	Bipod Head	1
22-796818	Carrying Case, Bipod	1

Part No.	Net Weight: lb	kg
22-796810	60.6	27.5





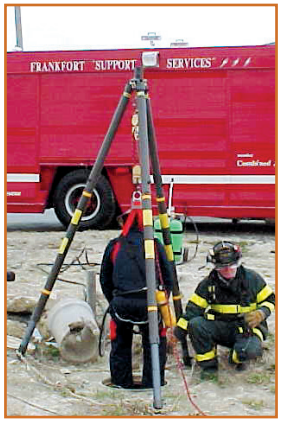
TRIPOD KIT

Designed to complement the Rescue Support System line, the Tripod kit is manufactured of lightweight aluminum and stainless steel for strength and durability. This kit is designed for use with your rescue struts already used in trench rescue, building collapse and vehicle stabilization. Attach the Tripod head to an AcmeThread, LockStroke or LongShore Strut and/or Extension to create a strong, stable support for tripod use as a jack stand and/or high support. A durable carrying case makes transport easy.

Part No.	Description	Quantity
22-796010	Tripod Head	1
22-796150	Hinged Base with Anchor Ring	3
22-796155	30 ft Chain with Grab Hook	1
22-796305	Carrying Case, Tripod	1

Part No.	Net Weight: lb	kg
22-796300	63.0	28.6





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ELEVATOR SUPPORT UNIT ADAPTER KIT

Paratech's Elevator Support Unit (ESU) safely stabilizes an elevator and prevents it from moving. When deployed, the ESU causes zero to minimal damage to elevator cars and affords rescue teams precious time to extricate passengers and save lives. Two unique rescue base and end Plates form the core components of this system. An Angled Rubber Base attaches to either Rescue Strut and grips the floor, while the Elevator Support Arm attaches to the top of the Rescue Strut and hooks under the elevator car.

Part No.	Net Weight: lb	kg
22-796260	27.2	12.3





Part No.	Description	Quantity
22-796260L	Elevator Support Left Arm	1
22-796260R	Elevator Support Right Arm	1
22-796266	Angled Rubber Base	6
22-000915	Case, ESU Kit	1

ELEVATOR SHAFT RESCUE KIT (ESR)

Elevator Shaft Rescue (ESR) Kit: designed in conjunction with City of Chicago and IFSI (University of Illinois Fire Service Institute) rescue professionals, this kit makes elevator shaft rescue easy and efficient through the creation of a wedged truss bar.

- FAST AND EASY SET UP
- CAN BE SET UP IN DOORWAYS, WINDOWS, ELEVATOR DOORS, BLIND SHAFT ELEVATOR HATCHES, INDUSTRIAL HIGH POINTS, SHIP BOARD APPLICATIONS, ETC.
- ADJUSTABLE BASE FOR LONGER DOOR THRESHOLDS
- REMOVABLE ANGLE ON BASE FOR WINDOW HIGH POINTS
- RUBBER FOOT PLATE DOES NOT MARK OR DAMAGE MARBLE, GRANITE OR WOODEN FLOORS

Part No.	Net Weight: lb	kg
22-796890K	41.48	19.44







Part No.	Description	Quantity
22-796266	Angled Rubber Base	2
22-796891	T–Junction	2
22-796905	Adjustable Hinged Base	2
22-796430	Shoring Hammer	1
22-796895	Header Swivel Base	2

*Struts Not Included in Kit

TRENCH CUSHION KIT

Designed to tackle one of the biggest challenges in trench collapse rescue, this kit includes the equipment you need to quickly and safely support your shoring panels. With our proven trench cushion system you can significantly reduce the time needed to backfill your shoring panels and maintain a vertical surface for support. Included in the kit are two low pressure square cushions with a 3.3 US ton (3 m ton) capacity that can fill up to an 18 in (46 cm) void. Each cushion is fitted with o-ring harnesses for ease of lowering into the trench and a yellow centering cross to help in positioning the cushions along the sides of the trench wall. Combined with our Paratech Rescue Struts this kit will equip you with the right tools for your next trench rescue.

Part No.	Net Weight: lb	kg
22-887070	85.5	38.8





Part No.	Description	Quantity
22-887060	Trench Cushion 18 in / 45.7 cm 3.3 US Ton / 3.0 m ton Capacity	2
22-887310	Single Cushion Controller 7.25 psi / 0.5 bar	2
22-887400	Air Hose 1 in / 25.4 cm dia. x 20 ft / 6.1m Red	1
22-887401	Air Hose 1 in / 25.4 cm dia. x 20 ft / 6.1m Blue	1
22-890513	Air Hose 3/8 in / 9.5 dia. x 16 ft / 5m Black	1

RAKER SETS & ACCESSORIES

Paratech offers the necessary accessories to convert our LongShore Struts into a fully deployable raker system that is fast, strong and easy to install. Paratech's innovative Raker accessories and LongShore Struts meet US&R requirements for strength and deployability. The Paratech LongShore System offers unique features and benefits ensuring proven performance every time the system is deployed.



ABSOLUTE RAKER

Paratech once again sets a new standard, no wood, no pins, no chains...no hassle. The Absolute Raker provides flexibility, functionality and economy.
Never worry about wood again—fully deployable in minutes—or easily turn your existing Paratech Raker into an Absolute Raker, with the Standard to Absolute Upgrade Kit . Interoperational with all Paratech Rescue Support Systems, as always.





6 FT. /1.8 m ABSOLUTE RAKER SET

Part No.	Description	lb	kg
22-796984	6 ft / 1.8 m Deployable Absolute Raker	795.3 lb	360.7 kg

Part No.	Description	Quantity
22-796180C	Hinged Base 12 w/ Anchor Ring	2
22-796250	Raker Rail Latch	4
22-796258C	Raker Rail	4
22-796280	Raker Rail Junction	2
22-796290	Raker Junction Base	2
22-796330	Clamp and Clevis	12
22-796342	LongShore Extension 235	7
22-796350	LongShore Adjustable Brace B57	7
22-796356	LongShore Extension 435	2
22-796360	LongShore Strut 610	4
22-796376	LongShore Extension 635	2
22-796469	Raker Rail Splice	2
22-796475	Raker Angle Base	2
22-796656	Rail 4 Latch Holder	1

8 FT. /2.4 m ABSOLUTE RAKER SET

Part No.	Description	lb	kg
22-796985	8 ft / 2.4 m Deployable Absolute Raker	842.3 lb	382.0 kg

Part No.	Description	Quantity
22-796180C	Hinged Base 12 w/ Anchor Ring	2
22-796250	Raker Rail Latch	4
22-796258B	Raker Rail 4	2
22-796258D	Raker Rail 8	2
22-796280	Raker Rail Junction	2
22-796290	Raker Junction Base	2
22-796330	Clamp and Clevis	12
22-796342	LongShore Extension 235	5
22-796350	LongShore Adjustable Brace B57	7
22-796356	LongShore Extension 435	2
22-796370	LongShore Strut 812	4
22-796376	LongShore Extension 635	2
22-796469	Raker Rail Splice	2
22-796475	Raker Angle Base	2
22-796656	Rail 4 Latch Holder	1

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ABSOLUTE FLYING RAKER

Paratech fully mechanical Absolute Flying Raker Sets leave the wood behind. Stronger, faster and easier than wood, the Absolute Flying Raker in 6 ft (1.8 m) or 8 ft (2.4 m) sets, allow rescue teams to build rakers around the rubble pile.
Use the Woodless Flying Raker kit upgrade to upgrade a Standard Flying Raker to an Absolute Woodless Flying Raker. Interoperational with all Paratech Rescue Support Systems, as always.



6 FT. /1.8 m ABSOLUTE FLYING RAKER SET

Part No.	Description	lb	kg
22-796984F	6 ft / 1.8 m Absolute Flying Raker Set	535.9 lb	243.1 kg

Part No.	Description	Quantity
22-796180C	Hinged Base 12 w/ Anchor Ring	2
22-796258C	Raker Rail 6	2
22-796330	Clamp and Clevis	12
22-796342	LongShore Extension 235	4
22-796350	LongShore Adjustable Brace B57	5
22-796348	LongShore Adjustable Brace B23	2
22-796356	LongShore Extension 435	2
22-796360	LongShore Strut 610	2
22-796376	LongShore Extension 635	2
22-796475	Raker Angle Base	2
22-796656	Rail 4 Latch Holder	1
22-796250	Raker Rail Latch	4



8 FT. /2.4 m ABSOLUTE FLYING RAKER SET

Part No.	Description	lb	kg
22-796985F	8 ft / 2.4 m Absolute Flying Raker Set	574.5 lb	260.6 kg

Part No.	Description	Quantity
22-796180C	Hinged Base 12 w/ Anchor Ring	2
22-796258D	Raker Rail 8	2
22-796330	Clamp and Clevis	12
22-796342	LongShore Extension 235	4
22-796350	LongShore Adjustable Brace B57	5
22-796348	LongShore Adjustable Brace B23	2
22-796356	LongShore Extension 435	2
22-796370	LongShore Strut 812	2
22-796376	LongShore Extension 635	2
22-796475	Raker Angle Base	2
22-796656	Rail 4 Latch Holder	1
22-796250	Raker Rail Latch	4



STANDARD TO ABSOLUTE RAKER UPGRADE KIT

Part No.	Description	lb	kg
22-796983	6 ft / 1.8 m Standard Raker to 6 ft Absolute Raker Upgrade	354.3 lb	160.7 kg

Part No.	Description	Quantity
22-796280	Rail Junction	2
22-796330	Clamp and Clevis	12
22-796342	LongShore Extension 235	5
22-796350	LongShore Adjustable Brace B57	7





RAKER MIDPOINT BRACE KIT

The mid point brace kit can be utilized with the 6' & 8' Raker Sets and will greatly increase the strength of your Raker Kit. Adding this item to your Raker Set will guarantee you have the strongest raker.

Kit Part No.	Net Weight:	lb	kg
22-796484		97.6	44.3

Part No.	Description	Quantity
22-796350	Adjustable Brace Model B57	2
22-796250	Raker Rail Latch	2
22-796330	Clamp 335 & Clevis	2



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FLYING RAKER KIT

Add this kit to your 6 or 8 ft. Standard Raker Kit to turn it into a Flying Raker.

Kit Part No.	Net Weight:	lb	kg
22-796486		46.8	21.2

Part No.	Description	Quantity
22-796348	Adjustable Brace Model B23	2
22-796250	Raker Rail Latch	2
22-796330	Clamp 335 & Clevis	2



FLYING RAKER UPGRADE KIT

Use this kit to turn your Standard Raker Kit into a Flying Raker and increase your wall support capacity from 8' (244 cm) to 24' (731.5 cm).

Kit Part No.	Net Weight:	lb	kg
22-796488		101.4	45.9

Part No.	Description	Quantity
22-796180C	Hinged Base 12 w/Anchor Ring	2
22-796250	Raker Rail Latch	2
22-796310	Nailing Pad w/Clamp	2
22-796330	Clamp & Clevis	2
22-796348	LongShore Adjustable Brace B23	2
22-796475	Raker Angle Base	2

RAKER EXPANSION KIT

Increase your Raker Set capacity by adding this additional cache of equipment and increase your wall support capacity from 8' to 24'.

Kit Part No.	Net Weight:	lb	kg
22-796485		143.8	65.2

Part No.	Description	Quantity
22-796180C	Base Plate 12 12 in / 30.5 cm	2
22-796475	Raker Angle Base	2
22-796310	Nailing Pad with Clamp	6
22-796486	Flying Raker Kit (qty. 2 kits below)	2
22-796348	Adjustable Brace Model B23	4
22-796250	Raker Rail Latch	4
22-796330	Clamp 335 & Clevis	4



WOODLESS FLYING RAKER BRACE KIT

Use this kit to upgrade your 6 ft / 1. 8 m Flying Raker to an Absolute Flying Raker

Part No.	Description	lb	kg
22-796487	Woodless Flying Raker Brace Kit 6 ft Absolute Raker Upgrade	231.9 lb	105.2 kg

Part No.	Description	Quantity
22-796330	Clamp and Clevis	10
22-796342	LongShore Extension 235	2
22-796350	LongShore Adjustable Brace B57	5

BASIC 12 SHORE TRENCH KIT

This kit gives the rescuer the ability to construct up to 12 shores for use in a trench rescue. With the available air controls and vibrant colored hoses, this is a great starter trench kit.

Kit Part No.	Net Weight: lb	kg
22-796860	US	374.6
22-796860D	Metric	170.2

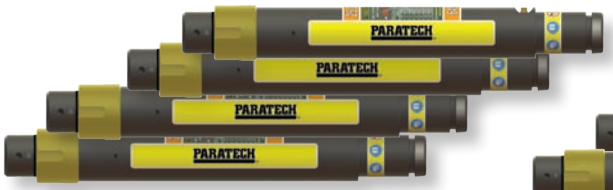
Part No.	Description	Quantity
22-796200	AcmeThread Strut 25-36 in / 64-91 cm	4
22-796202	AcmeThread Strut 37-58 in / 94-147 cm	8
22-796012	Strut Extension 12 in / 30 cm	2
22-796024	Strut Extension 24 in / 61 cm	4
22-796060	Square Swivel Base 6 in / 15.2 cm	18
22-796070	Square Rigid Base 6 in / 15.2 cm	6
22-796103G2	Dual Deadman Strut Controller G2 250 psi / 17.2 bar	1
22-895400G2	Strut/Airgun Regulator 5,500-0 psi / 379.2-0 bar	1
22-890515	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Yellow	2
22-890520	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow	2
22-890516	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Red	2
22-890521	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Red	2
22-796430	Shoring Hammer	4



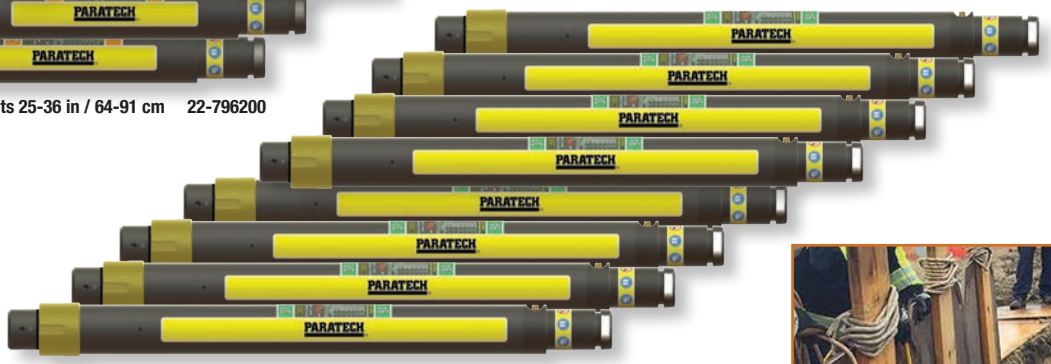
2 - Strut Extension 12 in / 30 cm 22-796012



4 - Strut Extension 24 in / 61 cm 22-796024



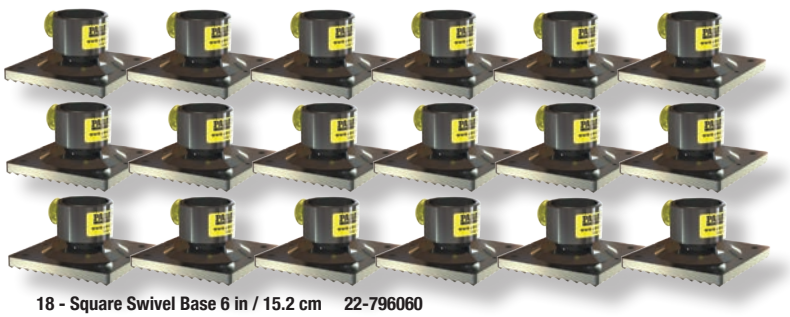
4 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



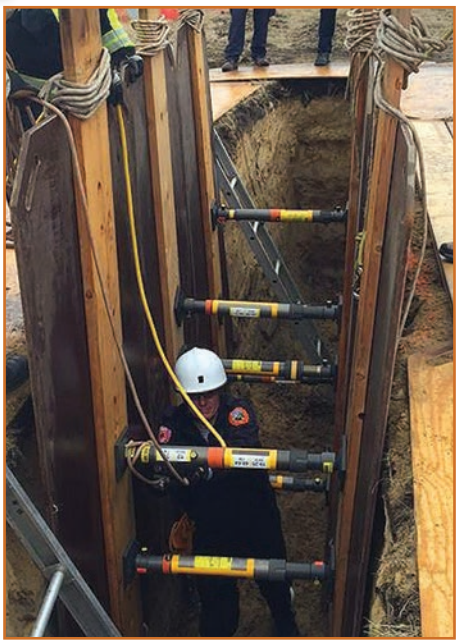
8 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



6 - Square Rigid Base 6 in / 15.2 cm 22-796070



18 - Square Swivel Base 6 in / 15.2 cm 22-796060





2 - Air Hose
3/8 in / 9.5 mm dia. x 16 ft / 5 m Yellow
22-890515



2 - Air Hose
3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow
22-890520



2 - Air Hose
3/8 in / 9.5 mm dia. x 16 ft / 5 m Red
22-890516



2 - Air Hose
3/8 in / 9.5 mm dia. x 32 ft / 10 m Red
22-890521



1 - Dual Deadman Strut Controller G2
250 psi / 17.2 bar
22-796103G2



4 - Shoring Hammer
22-796430



1 - Strut/Airgun Regulator
5,500-300 psi / 379.2-20.7 bar
22-895400G2

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

16 SHORE TRENCH KIT

This kit gives the rescuer the ability to construct up to 16 shores for use in a trench rescue. With the available Trench Cushions to fill void spaces and the air controls & vibrant colored hoses, this is a great kit for your Trench Rescue needs.

Kit Part No.		Net Weight: lb	kg
22-796862	US	445.8	
22-796862D	Metric		202.6

Part No.	Description	Quantity
22-796212	AcmeThread Strut 12-15 in / 31-38 cm	2
22-796206	AcmeThread Strut 19-25 in / 48-64 cm	6
22-796200	AcmeThread Strut 25-36 in / 64-91 cm	4
22-796202	AcmeThread Strut 37-58 in / 94-147 cm	2
22-796000	LockStroke Strut 25-36 / 64-91 cm	2
22-796017	Strut Extension 6 in / 15 cm	4
22-796012	Strut Extension 12 in / 30 cm	6
22-796024	Strut Extension 24 in / 61 cm	6
22-796103G2	Dual Deadman Strut Controller G2 250 psi / 17.2 bar	1
22-895400G2	Strut/Airgun Regulator 5,500-300 psi / 379.2-20.7 bar	1
22-890520	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow	2
22-890521	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Red	2
22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Black	1
22-890736	Y Connector 2 (2 coupling, 1 nipple)	2
22-796060	Square Swivel Base 6 in / 15.2 cm	24
22-796070	Square Rigid Base 6 in / 15.2 cm	8
22-796430	Shoring Hammer	4
22-887070	Trench Cushion Kit (qty. 1 kit below)	1
22-887060	Trench Cushion 18 in / 3.25 ton capacity	2
22-887310	Single Cushion Controller 7.25 psi	2
22-887400	Air Hose 1 in / 25.4 mm dia. x 20 ft / 6.1 m Red	1
22-887401	Air Hose 1 in / 25.4 mm dia. x 20 ft / 6.1 m Blue	1
22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Black	1


4 - Strut Extension 6 in / 15 cm 22-796017


6 - Strut Extension 12 in / 30 cm 22-796012

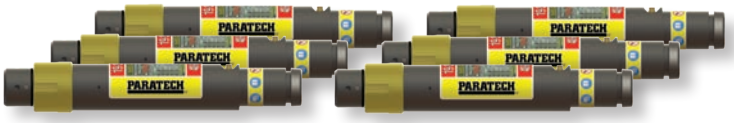

6 - Strut Extension 24 in / 61 cm 22-796024


2 - LockStroke Struts 25-36 in / 64-91 cm 22-796000

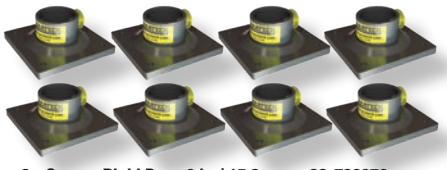

1 - Air Hose
3/8 in / 9.5 mm dia.x 16 ft / 5 m Black
22-890513


2 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202

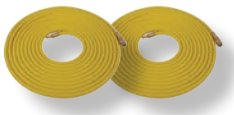

4 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200


6 - AcmeThread Struts 19-25 in / 48-64 cm 22-796206


2 - AcmeThread Struts 12-15 in / 31-38 cm 22-796212


8 - Square Rigid Base 6 in / 15.2 cm 22-796070


2 - Y Connector 2
(2 couplings, 1 nipple)
22-890736

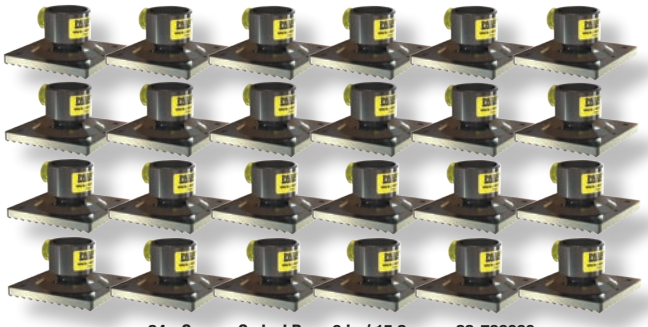

2 - Air Hose
3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow
22-890520


2 - Air Hose
3/8 in / 9.5 mm dia. x 32 ft / 10 m Red
22-890521


1 - Dual Deadman Strut
Controller G2
250 psi / 17.2 bar
22-796103G2


4 - Shoring Hammer
22-796430


1 - Strut/Airgun Regulator
5,500-0 psi / 379.2-0 bar
22-895400G2


24 - Square Swivel Base 6 in / 15.2 cm 22-796060


2 - Trench Cushion 18 in / 45.7 &
3.3 US Ton / 3.0 Metric Ton Capacity
22-887060


2 - Single Cushion Controller
7.25 psi
22-887310


1 - Air Hose
1 in / 25.4 mm dia. x 20 ft / 6.1 m Red
22-887400


1 - Air Hose
1 in / 25.4 mm dia. x 20 ft / 6.1 m Blue
22-887401


1 - Air Hose
3/8 in / 9.5 mm dia. x 16 ft / 5 m Black
22-890513

LIGHT US&R RESCUE STRUT SYSTEM

This system affords the rescuer the ability to tackle most structural collapse scenarios. The system includes (1) 6' Raker set and numerous Rescue Struts and components which would be a great start to any Fire Department looking to be more involved in structural collapse incidents.



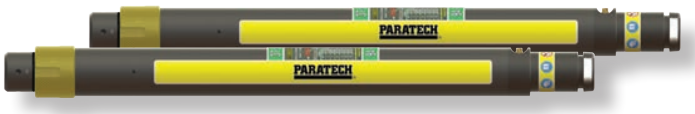
2 - LongShore 610 Struts 72-116 in / 183-295 cm 22-796360



2 - AcmeThread Struts 56-88 in / 142-224 cm 22-796204



4 - Shoring Hammer
22-796430



2 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



2 - Strut Extension 12 in / 30 cm 22-796012



2 - AcmeThread Struts 12-15 in / 31-38 cm 22-796212



2 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



2 - AcmeThread Struts 19-25 in / 48-64 cm 22-796206



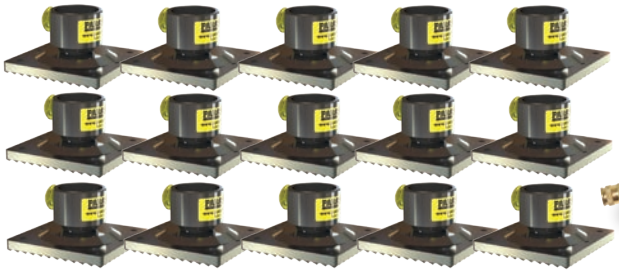
2 - Strut Extension 36 in / 91 cm 22-796036



2 - Strut Extension 24 in / 61 cm 22-796024



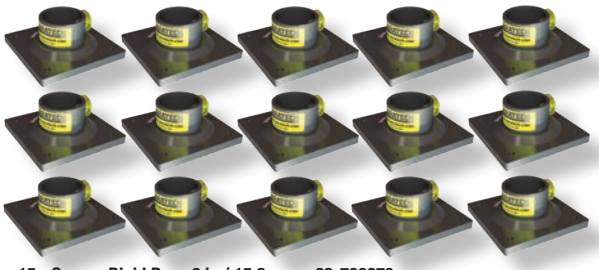
Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.



15 - Square Swivel Base 6 in / 15.2 cm 22-796060



1 - Strut/Airgun Regulator
5,500-0 psi
379.2-0 bar
22-895400G2



15 - Square Rigid Base 6 in / 15.2 cm 22-796070



1 - Dual Deadman Strut Controller G2
250 psi / 17.2 bar
22-796103G2



1 - Air Hose
3/8 in / 9.5 mm dia. x 32 ft / 10 m
Yellow
22-890520



1 - Air Hose
3/8 in / 9.5 mm dia. x 32 ft / 10 m
Red
22-890521



1 - Air Hose
3/8 in / 9.5 mm dia. x 32 ft / 10 m
Black
22-890522

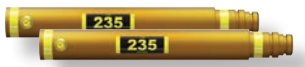


2 - Load Indicator
20,000 lbs.
22-796550

System Part No.	Net Weight: lb	kg
22-796901	US	740.1
22-796901M	Metric	335.7

Part No.	Description	Quantity
22-796212	AcmeThread Strut 12-15 in / 31-38 cm	2
22-796206	AcmeThread Strut 19-25 in / 48-64 cm	2
22-796200	AcmeThread Strut 25-36 in /64-91 cm	2
22-796202	AcmeThread Strut 37-58 in/ 94-147 cm	2
22-796204	AcmeThread Strut 56-88 in/ 142-224 cm	2
22-796360	LongShore Strut 610, 72-116 in/ 183-295 cm	2
22-796012	Strut Extension 12 in / 30 cm	2
22-796024	Strut Extension 24 in / 61 cm	2
22-796036	Strut Extension 36 in / 91 cm	2
22-796060	Square Swivel Base 6 in / 15.2 cm	15
22-796070	Square Rigid Base 6 in / 15.2 cm	15
22-796103G2	Dual Deadman Strut Controller G2 250 psi / 17.2 bar	1
22-895400G2	Strut/Airgun Regulator 5,500-0 psi / 379.2-0 bar	1
22-796550	Load Indicator 20,000 lbs.	2
22-890520	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow	1
22-890521	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Red	1
22-890522	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Black	1
22-796430	Shoring Hammer	4
22-796481	6 ft / 1.8 m Deployable Raker Set (qty. 1 kit below)	1
22-796360	LongShore Strut 610 72-116 in / 183-295 cm	4
22-796342	LongShore Extension 235 24 in / 61 cm	2
22-796356	LongShore Extension 435 48 in / 122 cm	2
22-796376	LongShore Extension 635 67 in / 170 cm	2
22-796258C	Raker Rail 6	4
22-796180C	Hinged Base Plate w/Anchor Ring 12 in / 30.5 cm	2
22-796250	Raker Rail Latch	4
22-796290	Raker Junction Base	2
22-796310	Nailing Pad w/ Clamp	6
22-796469	Raker Rail Splice	2
22-796475	Raker Angle Base	2
22-796430	Shoring Hammer	4
22-796656	Rail Latch Holder	1

22-796481 6 ft / 1.8 m Deployable Raker Set



2 - LongShore Extension 235 24 in / 61 cm 22-796342



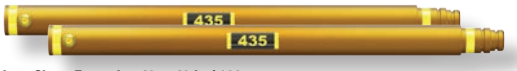
2 - Raker Junction 22-796290



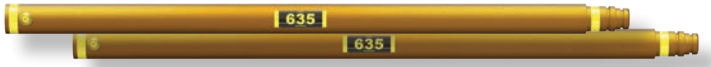
2 - Raker Angle Base 22-796475



1 - Rail Latch Holder 22-796656



2 - LongShore Extension 435 48 in / 122 cm



2 -LongShore Extension 635 67 in / 170 cm 22-796376



2 - Hinged Base Plate 12 in / 30.5 cm 22-796180C



4 - LongShore Strut 610 72-116 in / 183-295 cm 22-796360



4 - Shoring Hammer
22-796430



4 - Raker Rail 6 72 in / 183 cm 22-796258C



4 - Raker Rail Latch 22-796250



2 - Raker Rail Splice 22-796469



6 - Nailing Pad with Clamp 22-796310

US&R RESCUE STRUT SYSTEM

The US&R Rescue Strut System is one of the most complete structural collapse systems that has been standardized by the FEMA US&R teams. For any team serious about Urban Search & Rescue, this is the system to make it happen. The system includes (2) 6' Raker sets and numerous Rescue Struts and components to handle almost any disaster that the rescuers are faced with.



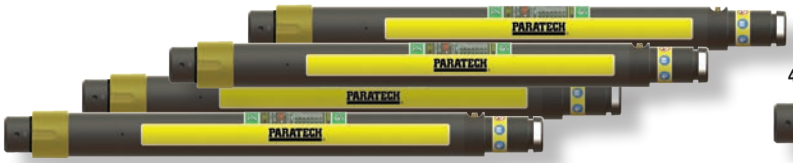
4 - LongShore 610 Struts 72-116 in / 183-295 cm 22-796360



8 - Shoring Hammer
22-796430



4 - AcmeThread Struts 56-88 in / 142-223 cm 22-796204



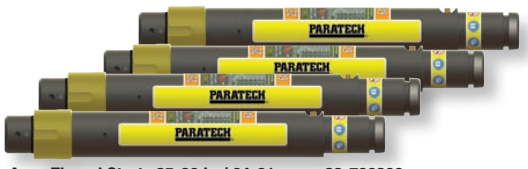
4 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



4 - Strut Extension 12 in / 30 cm 22-796012



4 - AcmeThread Struts 12-15 in / 31-38 cm 22-796212



4 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



4 - AcmeThread Struts 19-25 in / 48-64 cm 22-796206



4 - Strut Extension 36 in / 91 cm 22-796036

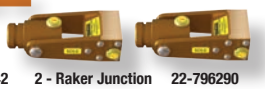


4 - Strut Extension 24 in / 61 cm 22-796024

22-796481 6 ft / 1.8 m Deployable Raker Set



2 - LongShore Extension 235 24 in / 61 cm 22-796342



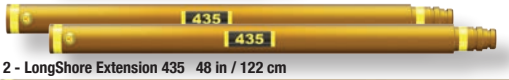
2 - Raker Junction 22-796290



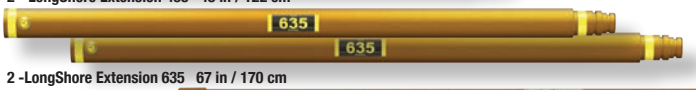
2 - Raker Angle Base 22-796475



1 - Rail Latch Holder 22-796656



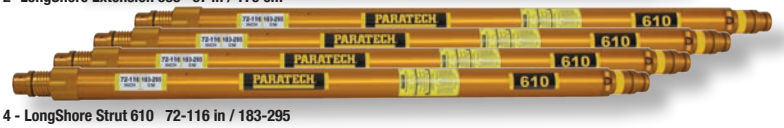
2 - LongShore Extension 435 48 in / 122 cm



2 -LongShore Extension 635 67 in / 170 cm



2 - Hinged Base Plate 12 in / 30.5 cm 22-796180C



4 - LongShore Strut 610 72-116 in / 183-295



4 - Shoring Hammer
22-796430



4 - Raker Rail 6 72 in / 183 cm 22-796258C



4 - Raker Rail Latch 22-796250

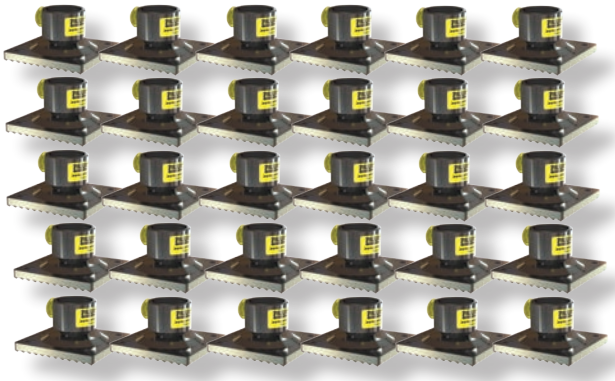


2 - Raker Rail Splice 22-796469

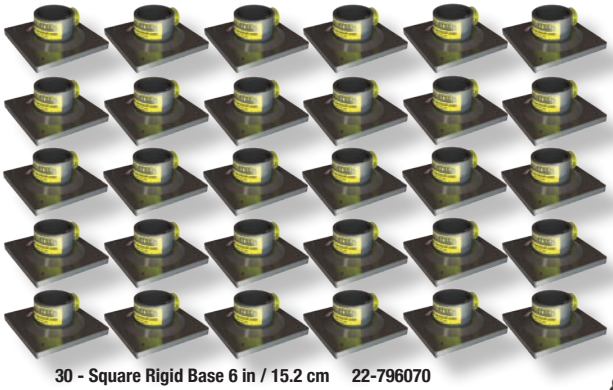


6 - Nailing Pad with Clamp 22-796310

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.



30 - Square Swivel Base 6 in / 15.2 cm 22-796060



30 - Square Rigid Base 6 in / 15.2 cm 22-796070



2 - Air Hose
3/8 in / 9.5 mm dia.
x 32 ft / 10m Yellow
22-890520



2 - Air Hose
3/8 in / 9.5 mm dia.
x 32 ft / 10 m Red
22-890521



2 - Air Hose
3/8 in / 9.5 mm dia.
x 32 ft /10 m Black
22-890522



2 - Strut/Airgun
Regulator
5,500-0 psi
379.2-0 bar
22-895400G2



2 - Dual Deadman
Strut Controller G2
250 psi / 17.2 bar
22-796103G2

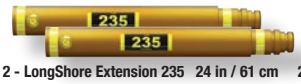


4 - Load Indicator
20,000 lbs.
22-796550

System Part No.	Net Weight: lb	kg
22-796900	US	1713.6
22-796900M	Metric	777.3

Part No.	Description	Quantity
22-796212	AcmeThread Strut 12-15 in / 31-38 cm	4
22-796206	AcmeThread Strut 19-25 in / 48-64 cm	4
22-796200	AcmeThread Strut 25-36 in /64-91 cm	4
22-796202	AcmeThread Strut 37-58 in/ 94-147 cm	4
22-796204	AcmeThread Strut 56-88 in/ 142-224 cm	4
22-796360	LongShore Strut 610, 72-116 in/ 183-295 cm	4
22-796012	Strut Extension 12 in / 30 cm	4
22-796024	Strut Extension 24 in / 61 cm	4
22-796036	Strut Extension 36 in / 91 cm	4
22-796060	Square Swivel Base 6 in / 15.2 cm	30
22-796070	Square Rigid Base 6 in / 15.2 cm	30
22-796103G2	Dual Deadman Strut Controller G2 250 psi / 17.2 bar	2
22-895400G2	Strut/Airgun Regulator 5,500-0 psi / 379.2-0 bar	2
22-796550	Load Indicator 20,000 lbs.	4
22-890520	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Yellow	2
22-890521	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Red	2
22-890522	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m Black	2
22-796430	Shoring Hammer	8
22-796481	6 ft / 1.8 m Deployable Raker Set (qty. 2 kit below)	2
22-796360	LongShore Strut 610 72-116 in / 183-295 cm	8
22-796342	LongShore Extension 235 24 in / 61 cm	4
22-796356	LongShore Extension 435 48 in / 122 cm	4
22-796376	LongShore Extension 635 67 in / 170 cm	4
22-796258C	Raker Rail 6	8
22-796180C	Hinged Base Plate w/Anchor Ring 12 in / 30.5 cm	4
22-796250	Raker Rail Latch	8
22-796290	Raker Junction Base	4
22-796310	Nailing Pad w/ Clamp	12
22-796469	Raker Rail Splice	4
22-796475	Raker Angle Base	4
22-796430	Shoring Hammer	8
22-796656	Rail Latch Holder	2

22-796481 6 ft / 1.8 m Deployable Raker Set



2 - LongShore Extension 235 24 in / 61 cm 22-796342



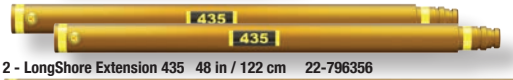
2 - Raker Junction
22-796290



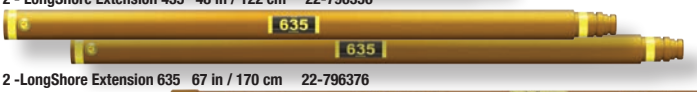
2 - Raker Angle Base
22-796475



1 - Rail Latch Holder
22-796656



2 - LongShore Extension 435 48 in / 122 cm 22-796356



2 -LongShore Extension 635 67 in / 170 cm 22-796376



2 - Hinged Base Plate
12 in / 30.5 cm 22-796180C



4 - LongShore Strut 610 72-116 in / 183-295 cm 22-796360



4 - Shoring Hammer
22-796430



4 - Raker Rail 6 72 in / 183 cm 22-796258C



4 - Raker Rail Latch 22-796250



2 - Raker Rail Splice 22-796469



6 - Nailing Pad with Clamp 22-796310

PARATECH VEHICLE STABILIZATION KITS

Paratech Vehicle Stabilization Kits have the strength and flexibility to handle any size vehicle anytime, anywhere. This includes sub compact cars, buses, cement trucks and even train locomotives. Additionally, these components provide the extra value of being completely interchangeable with your other Paratech equipment for building collapse and trench rescue scenarios. They are strong, sturdy and reliable. Paratech systems are the easiest to use and the strongest VSKs on the market today.

VSK COMPARISONS	TwistLock	Standard	Highway	Interstate
Max Load	20,000lb / 9,072kg	40,00lb / 18,143kg	80,000lb / 36,287kg	120,000lb / 54,431 kg
# of AcmeThread Struts	0	2	4	0
# of LongShore Struts	0	0	0	6
# of Extensions	Build–In Extension	4	6	6
# of Bases	Attached	4	8	18
# of Ratchet Belts	Attached	4	4	6

With the highest industry safety standard, Paratech's VSK can hold 10,000lb / 4,536kg up to 120,000lb / 54,431 kg.
Paratech vehicle stabilization kits have the strength & flexibility to handle any size vehicle anytime, anywhere.







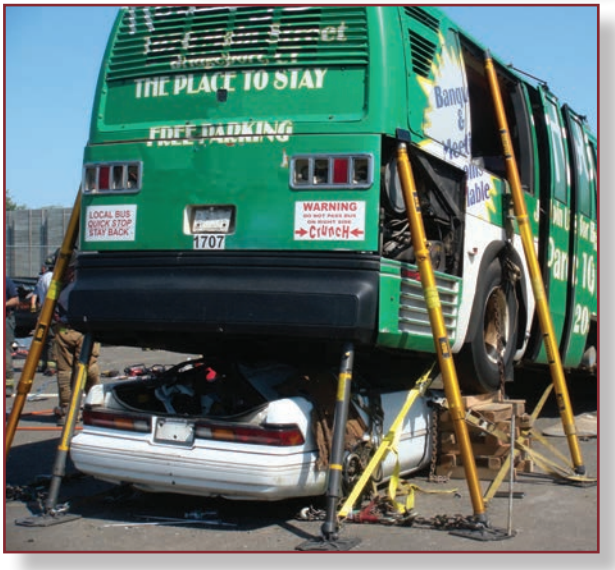
VSK CONTROLLER

Safely use compressed air to extend struts!
This innovative controller is capable of extending the heaviest combination of struts and extensions with a simple and steady slide control.
Its low PSI/Bar range (0-25 / 0-1.72) and unique automatic vent relief feature, eliminates the fear of over pressurizing in the event of a load shift, ensuring a secure and steady strut extension.
Net Weight: 1.72 lbs .78kg
Part No. **22-796V01**



Y CONNECTOR

'Y' with 2 Paratech Couplings and MAXIFORCE® Nipple
Part No. **22-890736**



Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

TVS - TWISTLOCK VEHICLE STABILIZER

The 'ALL IN ONE' Vehicle Stabilizer!

Stronger, Faster, Safer! No Assembly Required!

When you need to stabilize a vehicle accident scene quickly, there is nothing faster or stronger. With the TwistLock Collar all you need to do is TWIST, EXTEND, LOCK and the TVS can stabilize 10,000 lb / 4,535.9 kg with a 2:1 safety factor at ANY height. NO LOAD CHARTS NEEDED.

Maximum load up to 10,000 lb / 4,535.9 kg with a 2:1 safety factor

Kit Part No.		Net Weight: lb	kg
22-797000	**TVS Kit**	87.3	39.6

TVS KIT COMPONENTS

Part No.	Description	Net Weight:	lb	kg	Quantity
22-797010	TVS 100		29.1	13.2	1
22-797020	TVS 200		41.0	18.6	1
22-797096	TVS 100 Bag		3.3	1.5	1
22-797098	TVS 200 Bag		3.9	1.8	1
22-796161	Tie Down Keys w/J Hook		5.0	2.3	2



22-797096



2 - Tie Down Keys with J Hook
22-796161



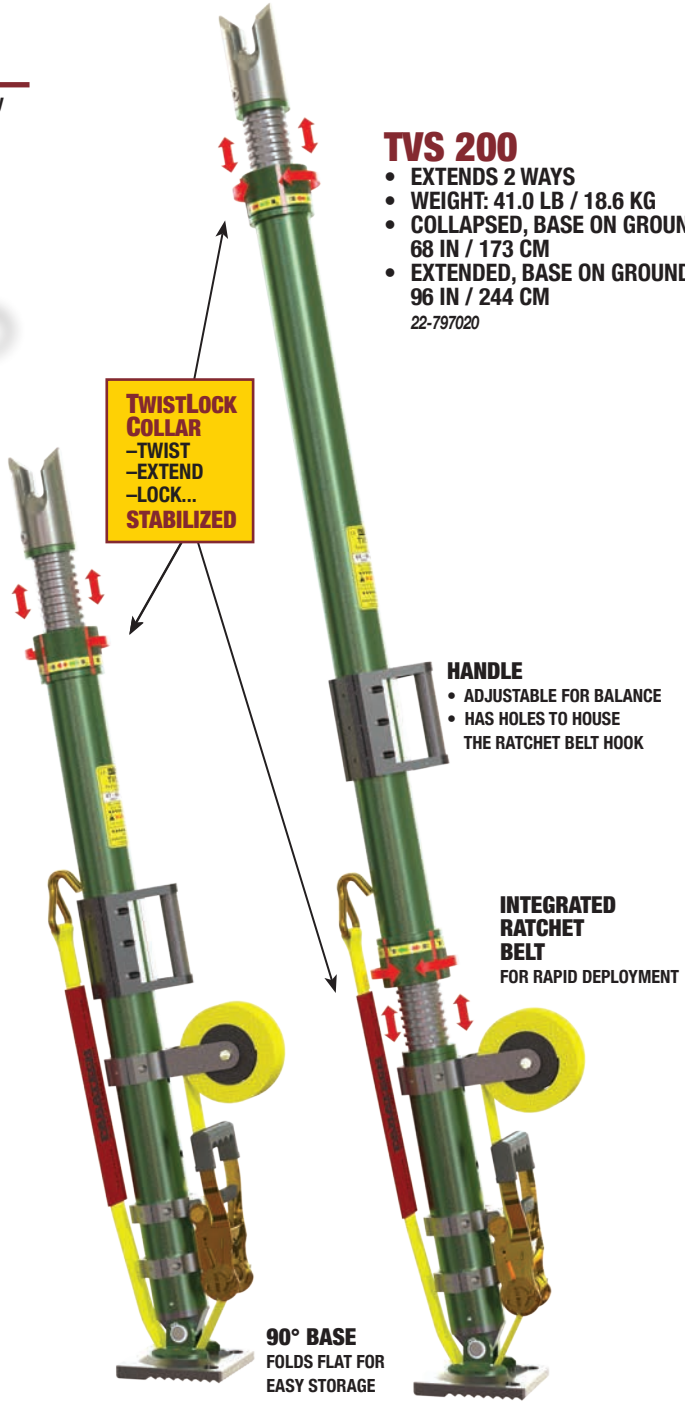
22-797098

TVS 100

- WEIGHT: 29.1 LB / 13.2 KG
- COLLAPSED, BASE ON GROUND 47 IN / 119 CM
- EXTENDED, BASE ON GROUND 60 IN /152 CM

22-797010





TVS 200

- EXTENDS 2 WAYS
- WEIGHT: 41.0 LB / 18.6 KG
- COLLAPSED, BASE ON GROUND 68 IN / 173 CM
- EXTENDED, BASE ON GROUND 96 IN / 244 CM

22-797020

HANDLE
- ADJUSTABLE FOR BALANCE
- HAS HOLES TO HOUSE THE RATCHET BELT HOOK

INTEGRATED RATCHET BELT
FOR RAPID DEPLOYMENT

90° BASE
FOLDS FLAT FOR EASY STORAGE

VSK BASE KITS

Bases integrated with ratchet belt and anchor ring,ready for rapid deployment, making vehicle stabilization quicker & easier.

VSK Base 6 Kit Part No.	Net Weight: lb	kg
22-796303	25.9	11.7

Part No.	Description	Quantity
22-796331	VSK Base 6	1
22-797042E	Adjustable Carrying Handle	1
22-796161	Tie-Down Keys w/J Hook	1

Product Features:

- FAST AND EASY TO DEPLOY
- AVAILABLE WITH SMALL OR LARGE SIZE BASE FOOT
- INTEGRATED ANCHOR RING FOR MULTIPLE RATCHET BELT USAGE
- BUILT IN RATCHET KEEPS HOT ZONE FREE OF TRIPPING HAZARD FROM UNUSED BELT
- COMPATIBLE WITH ALL OF PARATECH'S ACMETHREAD AND LOCKSTROKE RESCUE SUPPORT SYSTEM COMPONENTS

VSK Base 12 Kit Part No.	Net Weight: lb	kg
22-796309	30.9	14.0

Part No.	Description	Quantity
22-796308	VSK Base 12	1
22-797042E	Adjustable Carrying Handle	1
22-796161	Tie-Down Keys w/J Hook	1



1 - Adjustable Carrying Handle
22-797042E

1 - Tie Down Keys with J Hook
22-796161

LOAD CAPACITY OF
20,000 LBS. / 9,071.8 KG
WITH A 4:1 SAFETY FACTOR.







1 - Adjustable Carrying Handle
22-797042E

1 - Tie Down Keys with J Hook
22-796161

LOAD CAPACITY OF
20,000 LBS. / 9,071.8 KG
WITH A 4:1 SAFETY FACTOR.



STANDARD VSK

Paratech's flagship kit and the "standard" when addressing your stabilization needs. This kit covers everything from small vehicles to large commercial/municipal vehicles.

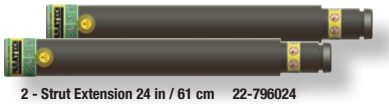
Maximum load up to 40,000 lb / 18,144 kg with a 4:1 safety factor

Kit Part No.	Net Weight: lb	kg
22-796850	97.3	44.2

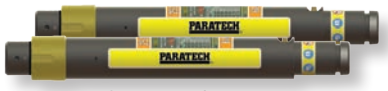
Part No.	Description	Quantity
22-796200	AcmeThread Strut 25-36 in / 64-91 cm	2
22-796012	Strut Extension 12 in / 30 cm	2
22-796024	Strut Extension 24 in / 61 cm	2
22-796025	Multi-Base	2
22-796180C	Hinged Base w/Anchor Ring 12 in / 30 cm	2
22-890553	Ratchet Belt w/Finger Hook 27 ft / 8.2 m	4
22-796161	Tie Down Keys w/J Hook	2



2 - Strut Extensions 12 in / 30 cm 22-796012



2 - Strut Extension 24 in / 61 cm 22-796024



2 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



4 - Ratchet Belt with Finger Hook 27 ft / 8.2 m
22-890553



2 - Multi-Base
22-796025



2 - Tie Down Keys with J Hook
22-796161





2 -Hinged Base with Anchor Ring 12 in / 30 cm
22-796180C

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

HEAVY VEHICLE EXTRICATION KIT

The most comprehensive heavy lifting kit available, utilizing the strength of HydraFusion Struts, lifting height and power of the MULTIFORCE in the Rapid Extrication Kit, as well as the environmentally friendly sturdiness of recycled plastic cribbing PLUS much more. With this Kit you can lift and stabilize any SIZE vehicle on the road. All packed up in 4 convenient, mobile carrying cases.





- STABILIZE EVERYTHING FROM SMALL VEHICLES, LARGE COMMERCIAL/MUNICIPAL VEHICLES, AND FULLY LOADED TRACTOR TRAILERS TO TRAINS
- EASE OF USE: NO PINS, NO CABLES
- EXTREMELY SAFE AND SECURE: PARATECH STRUTS ALWAYS DEFAULT TO LOCKED POSITION
- INCLUDES 4 CARRYING CASES FOR CONVENIENT STORAGE OF SMALLER PARTS, PROVIDING A FAST AND ORGANIZED WAY TO BRING EVERYTHING YOU NEED TO THE SCENE
- CUSTOM CUT OUTS IN CASES TO MAINTAIN CONSISTENCY AND ORGANIZED PLACEMENT OF COMPONENTS AFTER USE
- CASES ARE LABELED WITH CONTENTS

22-88HVEK HEAVY VEHICLE EXTRICATION KIT
22-88HVEKD HEAVY VEHICLE EXTRICATION KIT DIN

Weight 1,259.1 lbs/ 571.11kg

Part No.	Description	Quantity
22-79HA10K	HydraFusion 10 Kit	2
22-796035	Extension Converter	2
22-796180C	Hinged Base Plate w/ Anchor Ring 12 in / 30 cm	6
22-88DREK	Rapid Extrication Kit	1
22-796720	LongShore Strut 304 36-50 in / 91-127 cm	2
22-796730	LongShore Strut 406 48-73 in / 122-185 cm	2
22-796360	LongShore Strut 610 72-116 in / 183-295 cm	2
22-796342	LongShore 235 Extension 24 in / 61 cm	2
22-796356	LongShore 435 Extension 48 in / 122 cm	2
22-796376	LongShore 635 Extension 67 in / 170 cm	2
22-000680	SPF Hooligan	1
22-796090	V Base	4
22-796270	Contour Base	4
22-796025	Multi-Base	4
22-890015	Non Slip Neoprene Pad	2
22-796P14	Double Headed Picket 40 in / 106cm	4
22-796C1H	Chain 20 ft / 6.1 m x 3/8 in, grade 100	2
22-890553	Ratchet Belt w/Finger Hook 27 ft / 8.2 m	6
22-796161	Tie Down Keys w/J Hook	4
22-796979	Chain Binder	2
22-88C00K	Cribbing Kit	1
22-796V01K	VSK Controller Kit	1

RAPID EXTRICATION KIT

Combining the speed of Paratech's MULTIFORCE Air Lifting Bag with the flexibility of our Standard VSK, the Rapid Extrication Kit gets vehicles lifted and stabilized quicker than any other.

22-88DREK RAPID EXTRICATION KIT
22-88DREDK RAPID EXTRICATION KIT- DIN
Weight 190.24 lb / 86.29 kg





Part No.	Description	Quantity
22-88D025K	Remote Placement MULTIFORCE Bag Kit	1
22-796200	AcmeThread Strut 25-36 in / 64-91 cm	2
22-796012	Strut Extension 12 in / 30 cm	2
22-796024	Strut Extension 24 in / 61 cm	2
22-796025	Multi–Base	2
22-796180C	Hinged Base 12 w/Anchor Ring	2
22-890553	Ratchet Belt 27' WLL 3300 lbs	4
22-796161	Tie Down Keys w/J Hook	2

HIGHWAY VSK

Doubling the capacity of the Standard VSK, this kit is designed for multiple vehicles, longer reach and heavier weights such as a fully loaded tractor trailer.

Maximum load up to 80,000 lb / 36,287 kg with a 4:1 safety factor

Kit Part No.	Net Weight: lb	kg
22-796852	167.5	76.0

Part No.	Description	Quantity
22-796200	AcmeThread Strut 25-36 in / 64-91 cm	2
22-796202	AcmeThread Strut 37-58 in / 94-147 cm	2
22-796012	Strut Extension 12 in / 30 cm	2
22-796024	Strut Extension 24 in / 61 cm	2
22-796036	Strut Extension 36 in / 91 cm	2
22-796025	Multi-Base	4
22-796180C	Hinged Base w/Anchor Ring 12 in / 30 cm	4
22-890553	Ratchet Belt w/Finger Hook 27 ft / 8.2 m	4
22-796161	Tie Down Keys w/J Hook	4



2 - Strut Extensions 12 in / 30 cm 22-796012



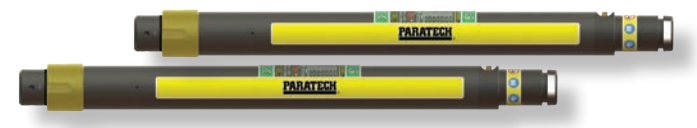
2 - Strut Extensions 24 in / 61 cm 22-796024



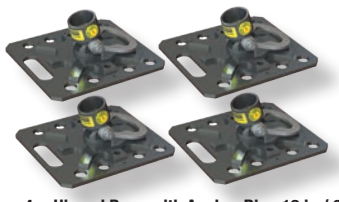
2 - Strut Extensions 36 in / 91 cm 22-796036



2 - AcmeThread Struts 25-36 in / 64-91 cm 22-796200



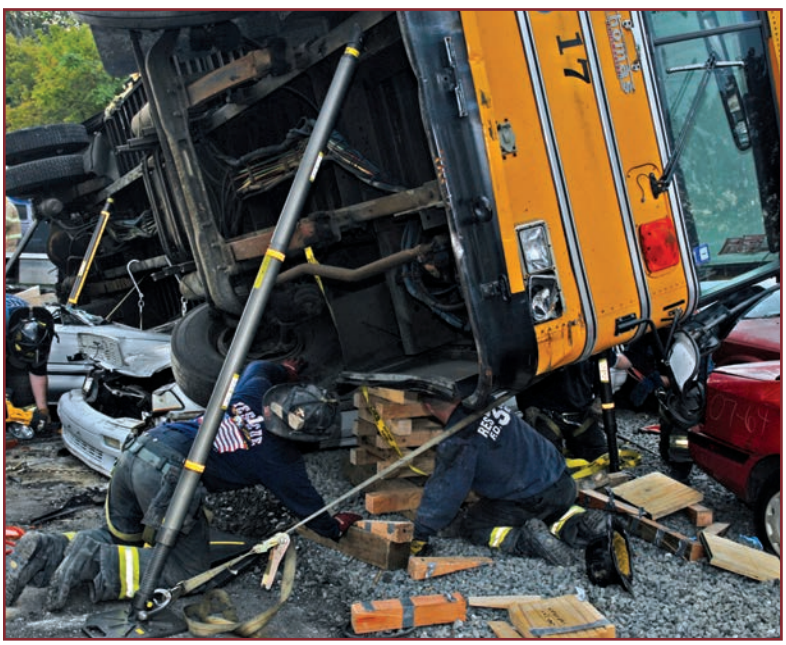
2 - AcmeThread Struts 37-58 in / 94-147 cm 22-796202



4 - Hinged Base with Anchor Ring 12 in / 30 cm
22-796180C



4 - Tie Down Keys with J Hook
22-796161





4 - Ratchet Belt with Finger Hook 27 ft / 8.2 m
22-890553



4 - Multi-Base
22-796025

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

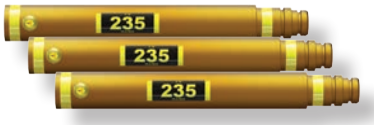
INTERSTATE/MOTORWAY VSK

The ultimate vehicle stabilization kit. There is no vehicle on the road, runway or track that this kit cannot stabilize. When your vehicular rescue needs the strongest system available, look no further.

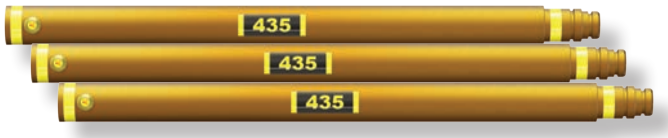
Maximum load up to 120,000 lb / 54,431 kg with a 4:1 safety factor

Kit Part No.	Net Weight: lb	kg
22-796855	438.2	198.0

Part No.	Description	Quantity
22-796720	LongShore Strut 304 36-50 in / 91-127 cm	2
22-796730	LongShore Strut 406 48-73 in / 122-185 cm	2
22-796360	LongShore Strut 610 72-116 in / 183-295 cm	2
22-796342	LongShore 235 Extension 24 in / 61 cm	3
22-796356	LongShore 435 Extension 48 in / 122 cm	3
22-796090	V Base	4
22-796270	Contour Base	4
22-796025	Multi-Base	4
22-796180C	Hinged Base Plate w/ Anchor Ring 12 in / 30 cm	6
22-796C1H	Chain 20 ft / 6.1 m x 3/8 in, grade 100	2
22-890553	Ratchet Belt w/Finger Hook 27 ft / 8.2 m	6
22-796161	Tie Down Keys w/J Hook	4
22-890015	Non Slip Neoprene Pad	2



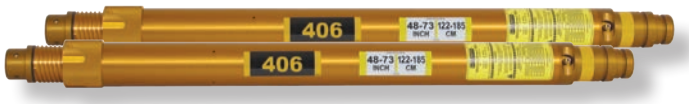
3 - LongShore Extension 235 24 in / 61 cm 22-796342



3 - LongShore Extension 435 48 in / 122 cm 22-796356



2 - LongShore Strut 304 36-50 in / 91-127 cm 22-796720



2 - LongShore Strut 406 48-73 in / 119-185 cm 22-796730

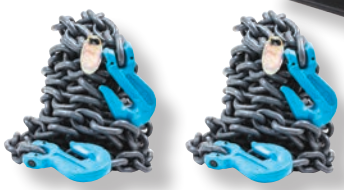

6 -Hinged Base with Anchor Ring 12 in / 30 cm 22-796180C



2 - LongShore Strut 610 72-116 in / 183-295 cm 22-796360


2 - Non Slip Neoprene Pad
22-890015


4 - Tie Down Keys with J Hook 22-796161

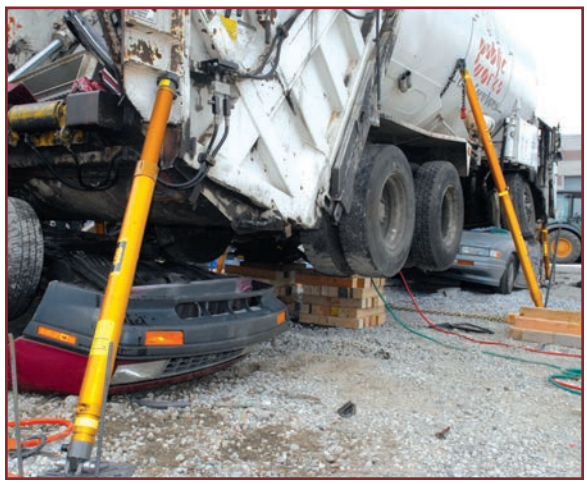

2 - Chain 20 ft / 6.1 m x 3/8 in, grade 100 22-796C1H


6 - Ratchet Belt with Finger Hook 27 ft / 8.2 m 22-890553


4 - Contour Base
22-796270


4 - V Base
22-796090


4 - Multi-Base
22-796025



MULTIFORCE AIR LIFTING BAGS

PARATECH



MULTIFORCE

AIR LIFTING BAG

HIGHER. SAFER. FASTER. STRONGER.

Paratech's **MULTIFORCE** Air Lifting Bag takes lifting to a whole new level. Integrating the latest technology with a unique understanding of lifting, Paratech has designed the **MULTIFORCE** Air Lifting Bag to exceed expectations. Ease of use and speed of deployment make the **MULTIFORCE** Air Lifting Bag an obvious choice whether the goal is saving lives or lifting locomotives. Paratech's patent pending design ensures that the high lift of this system can get into the tightest places possible, while the innovative remote lifting base keeps personnel safely away from the load when positioning the **MULTIFORCE** Air Lifting Bag. A dual stage feature keeps the load steady as the bag inflates so load drift is minimized and safety relief valves are integrated into the bag itself making over-inflation completely impossible. No mechanical coupling between air chambers means a stronger and safer lift. The remote lifting base doubles as a storage device keeping the bag safe and making it extremely easy to store.

HEAVY–DUTY RUBBER GRIPPING SURFACE

BUILT–IN INTERNAL RELIEF VALVE

DUAL STAGE LIFTING FEATURE KEEPS THE LOAD STABLE THROUGH THE LIFT

INTEGRATED HEAVY-DUTY WHEELS FOR EASY TRAVEL

DETACHABLE PLACEMENT HANDLE EXTENDS TO 50 IN / 127 CM

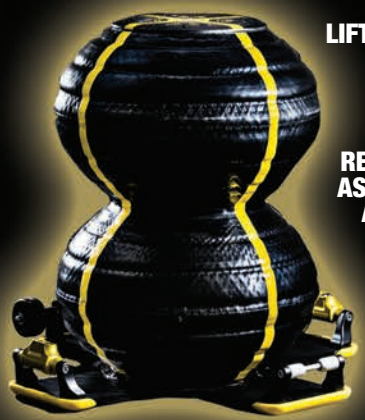
LIFT HEIGHT OF 26 IN / 66 CM

HIGH VISIBILITY CENTERING STRIPES

REMOTE PLACEMENT BASE ASSISTS WITH POSITIONING AND LIFTING STABILITY

SIDE HANDLES DESIGNED TO ACCEPT FINGER HOOKS OR LARGER

CONFORMS TO EN13731–2007



LIFT HEIGHT=	26 IN / 66 CM
LIFT CAPACITY=	31 TONS / 28.1 METRIC TONS
INSERTION HEIGHT=	4.5 IN / 11.4 CM
WEIGHT=(without placement device)	46.2 LBS / 21 KG
WEIGHT=(with placement device)	60.6 LBS / 27.5 KG
LENGTH=(without placement device)	23.75 IN / 60.33 CM
LENGTH=(with placement device)	30.71 in / 78 CM
WIDTH=(without placement device)	23.5 IN / 59.7 CM
WIDTH=(with placement device)	27.98 IN / 71.10 CM
SAFETY FACTOR=(with placement device)	4 TO 1
WORKING PRESSURE=	150 PSI / 10.3 BAR

Part No.	Description	Net Weight	lb	kg
22-88D025	Remote Placement MULTIFORCE		60.6	27.5
22-88D025K	Remote Placement MULTIFORCE Bag Kit		75.44	32.22
22-88D025DK	Remote Placement MULTIFORCE Bag Kit Din		75.44	32.22
22-88D025B	Basic MULTIFORCE		54.17	24.57
22-88D025BK	Basic MULTIFORCE Bag Kit		69.01	31.30
22-88D025BDK	Basic MULTIFORCE Bag Kit Din		69.01	31.30
22-88D025C	Compact MULTIFORCE		51.60	23.41
22-88D025CK	Compact MULTIFORCE Bag Kit		66.44	30.14
22-88D025CDK	Compact MULTIFORCE Bag Kit Din		66.44	30.14
22-890370K	Saddlebag Control Kit		14.84	6.73
22-890370DK	Saddlebag Control Kit Din		14.84	6.73
22-890370	Saddlebag Only		1.73	.78

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

3 KITS TO FIT YOUR LIFTING NEEDS



REMOTE PLACEMENT MULTIFORCE

The ultimate MULTIFORCE Bag. Comes with wheels for easy transport and telescoping pole for remote placement. There is nothing quicker or safer for lifting.

22-88D025 REMOTE PLACEMENT MULTIFORCE
22-88D025K REMOTE PLACEMENT MULTIFORCE BAG KIT (with saddlebag control kit)
22-88D025DK REMOTE PLACEMENT MULTIFORCE BAG KIT DIN (with saddlebag control kit)



BASIC MULTIFORCE

Comes with a Full sized Placement Base with left and right handles, but without telescoping pole and wheels. Includes carrying strap with integrated air inlet protecting feature.
Order this version if the safety of remote placement is not an option you need. Includes dual stage inflation feature.

22-88D025B BASIC MULTIFORCE BAG
22-88D025BK BASIC MULTIFORCE BAG KIT (with saddlebag control kit)
22-88D025BDK BASIC MULTIFORCE BAG KIT DIN (with saddlebag control kit)



COMPACT MULTIFORCE

Comes with a reduced footprint for easier compartment storage on vehicles. Includes carrying strap with integrated air inlet protecting feature.

22-88D025C COMPACT MULTIFORCE
22-88D025CK COMPACT MULTIFORCE BAG KIT (with saddlebag control kit)
22-88D025CDK COMPACT MULTIFORCE BAG KIT DIN (with saddlebag control kit)



MULTIFORCE POSITIONING LIGHTS

Includes two lights: one for replacing the left handle and one for the right handle. Direct retrofit. Each 300 lumen light operates off of 2 AA batteries with a " low battery" light indicator. Up to 2 hours of continued use. Made of aircraft grade aluminum and still completely functional as lifting handles. Each light can swivel to direct the light where you want it.
Light It Up!

22-892150K

	COMPACT	BASIC	REMOTE
LIFT HEIGHT=	26 IN / 66 CM		
LIFT CAPACITY=	31 TONS / 28.1 METRIC TONS		
INSERTION HEIGHT=	4.5 IN / 11.4 CM		
STORAGE HEIGHT=	4.88 IN / 12.39 CM	4.88 IN / 12.39 CM	6 IN / 15.3 CM
WEIGHT=(without placement device)	46.2 LBS / 21 KG		
WEIGHT=(with placement device)	51.6 LBS / 23.41 KG	54.17 LBS / 24.57 KG	60.6 LBS / 27.5 KG
LENGTH=(without placement device)	23.75 IN / 60.33 CM		
LENGTH=(with placement device)	24.46 IN / 62.13 CM	28.81 IN / 73.18 CM	30.71 IN / 78 CM
WIDTH=(without placement device)	23.5 IN / 59.7 CM		
WIDTH=(with placement device)	23.63 IN / 60.02 CM	27.98 IN / 71.07 CM	27.98 IN / 71.1 CM

PARATECH

MAXIFORCE G2 AIR LIFTING BAGS

MAXIFORCE® HAS THE POWER TO LIFT OR SHIFT WEIGHTS UP TO 89 TONS



RECESSED AIR INLET FOR ADDED DURABILITY

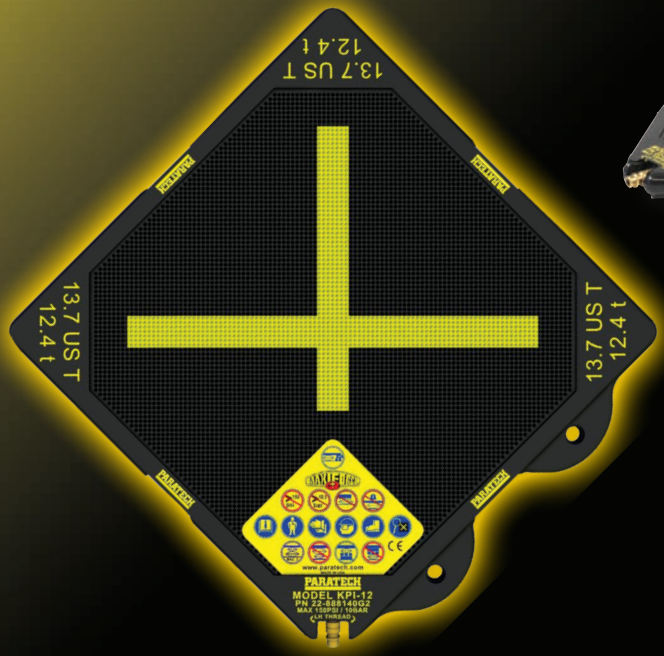


HIGH VISIBILITY MARKINGS



EASY AND ACCURATE POSITIONING





The MAXIFORCE® AIR LIFTING BAG is a thin, strong, molded envelope available in 14 different sizes. It is made from 3 layers of Neoprene covered Aramid fiber reinforcement and has the power to lift, move or shift weights up to 89 tons (80.9 metric tons) per bag. Control equipment and components play a critical role in successful lifting bag use and unlike other lifting bag systems, Paratech manufactures all of its major control components. This assures the quality of the lifting bag system from inflation to deflation.

COMPLETELY COMPATIBLE WITH ALL OLDER MAXIFORCE® AIR LIFTING BAGS AND CONTROL EQUIPMENT







SIZES	14
SQUARE SIZES	9
RECTANGULAR SIZES	5
SIZES WITH EYELETS	10
SMALLEST LIFTING CAPACITY	1.5 TONS / 1.3 METRIC TON
LARGEST LIFTING CAPACITY	89.2 TONS / 80.9 METRIC TONS
WORKING PRESSURE	150 PSI / 10.3 BAR
3 LAYERS OF ARAMID REINFORCEMENT	ALL
INTERLOCKING SURFACE	ALL

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

WHAT TO LOOK FOR WHEN SELECTING A LIFT BAG SYSTEM

1. **SAFETY:** MAXIFORCE® Air Lifting Bags are extremely tough, made of Neoprene, embedded with three (3) full layers of Aramid fiber reinforcement on each side, giving the bags tremendous strength at full inflation. Each Air Lifting Bag has been subjected to a stringent factory pressure test to assure maximum operator safety.
2. **CAPACITY:** Does the height/weight capacity match the task? Non-emergency applications may only require one or two sizes. Emergency Service providers need a variety of lifting capacities.
3. **SHAPE:** Match the shape of the bag to the contact area of the load to maximize your effectiveness. Use rectangular shaped bags against linear loads and when lifting on hills or inclines. Square bags are great for stacking on flat surfaces. Rescue crews should have both square and rectangular lifting bags.
4. **THICKNESS:** The thinner the Lift Bag the better. The most notable feature of quality manufacturing is the ability to produce a thin, tough lifting bag. MAXIFORCE Air Lifting Bags range in thickness from 3/4 in(1.9 cm) to 1 in(2.5 cm).
5. **MATERIAL:** Neoprene with Aramid reinforcement comprise most of the lift bag materials. These materials provide strength, durability, flexibility and chemical resistance. MAXIFORCE was the first Aramid reinforced high pressure Lift Bag.
6. **SURFACE:** Small molded raised dimples provide an interlocking surface for stacking 2 lift bags. Once again MAXIFORCE was the first with an interlocking surface.
7. **POSITIONING EYELETS:** At least 2 on all Lift Bags with a 12.9 ton rating or higher. A must for rescue work. Allows for vertical placement, safe retrieval and carrying.
8. **MARKINGS:** Technical data is molded into the bag surface. Warnings are permanently labeled. The famous "X" marks the center of the load.
9. **AIR INLET:** Brass with maximum pull strength. The inlet is threaded to receive a brass inflation nipple. Why brass? No corrosion. Easy to repair.
10. **WORKS QUIETLY:** Completely silent in use. There are no engine sounds or loud mechanical noises when MAXIFORCE is used.

COMPLETELY COMPATIBLE WITH ALL OLDER MAXIFORCE® AIR LIFTING BAGS AND CONTROL EQUIPMENT

MAN & MACHINE KIT

PARATECH'S MAN & MACHINE KIT COVERS AREAS OF PRODUCTION, MAINTENANCE AND RESCUE. THE AIR LIFTING BAGS AND CONTROL EQUIPMENT (ALL CONTAINED IN ONE CONVENIENT PACKAGE) INCLUDED IN THE KIT ARE SO VERSATILE AND EASY TO USE THAT YOU WILL WONDER WHAT YOU DID BEFORE YOU HAD THEM!

22-8903MM Man and Machine Kit
22-8903MMD Man and Machine Kit, DIN
Weight 63.2 lbs./ 28.7 kg

KIT CONTENTS:
- Full compliment of control equipment, hoses & fittings
- 2 small rectangular bags 6 x 12 in/15.2cm x 30.5cm
- 2 larger square bags 10 x 10in/25.4cm x 25.4cm
- 2 small square bags 6 x 6in/15.2cm x 15.2cm
- Heavy duty rolling storage case
- 4 plastic felling wedges



DUAL AND SINGLE DEADMAN 150 PSI/10.3 BAR CONTROLLERS

This controller will 'go anywhere'. It is compact and extremely portable. Rescue personnel can crawl into collapse areas without hindrance. There are no protruding joysticks or cumbersome enclosures. The rocker-button design must be depressed for inflation or deflation. Large, color coded gauges make it easy to read. Relief valves and open couplings are built in the controller for maximum safety. Available in both single and dual outlets.







STANDARDS AND LISTINGS:
- NATIONAL COAL BOARD (UK)
- NATO STOCK LISTINGS
- NATIONAL DEFENSE SUPPLY LISTING (US)
- DEPARTMENT OF INDUSTRIAL RELATIONS (AU)
- BOARD OF MINE SAFETY (SA)
- JAPAN STANDARDS INSTITUTE (JA)
- GSA CONTRACT ITEM (US)
- EN 13731 AIR BAGS FOR FIRE BRIGADES AND RESCUE UNITS (EU)

PRESSURE REGULATOR

SAME PRECISION FUNCTIONALITY, NOW WITH:
1. INCREASED DURABILITY
2. MORE COMPACT SIZE
3. EASIER TO USE



MULTIFORCE AIR LIFTING BAGS

PARATECH

KPI-1

22-888110G2

KPI-3

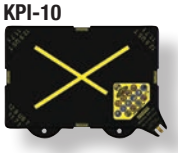
22-888120G2

KPI-5

22-888130G2

KPI-8

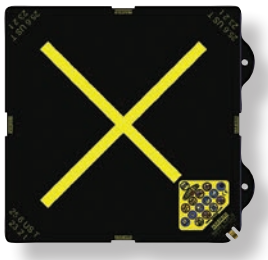
22-888135G2

KPI-10

22-888138G2

KPI-12 *22-888140G2*


KPI-17 22-888150G2


KPI-35L 22-888180G2


KPI-22 22-888160G2


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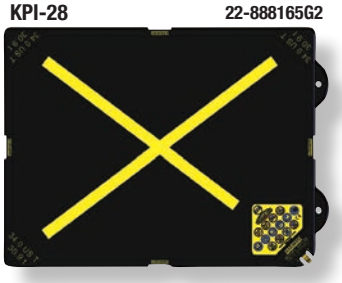

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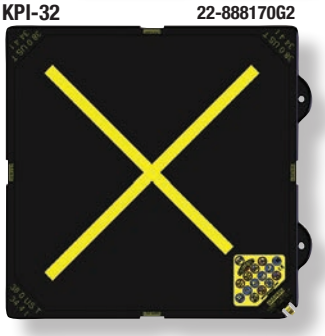
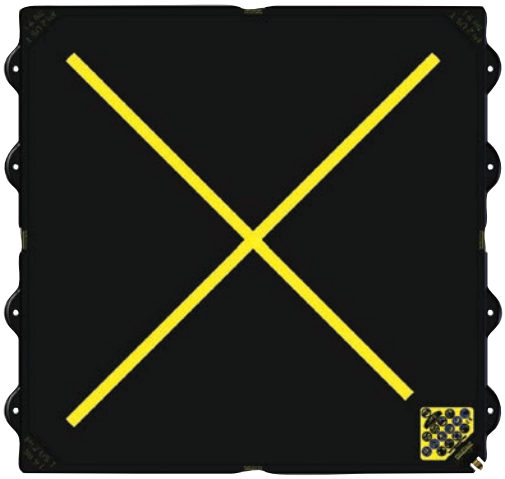
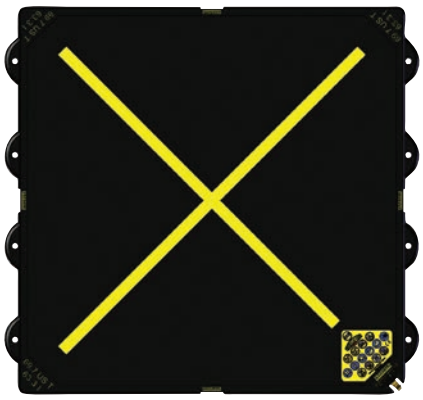


COMPLETELY COMPATIBLE WITH ALL OLDER MAXIFORCE® AIR LIFTING BAGS AND CONTROL EQUIPMENT

KPI-74 22-888200G2


KPI-55 22-888195G2


KPI-44 22-888190G2


Part No.	Model	Dimensions in	Dimensions mm	Max Lifting Capacity US Ton / Met Ton	Max Lifting Height in / mm	Weight lb / kg
22-888110G2	KPI-1	6 in x 6 in x 3/4 in	152 mm x 152 mm x 19 mm	1.5 / 1.3	3.0 / 76	1.2 / 0.6
22-888120G2	KPI-3	6 in x 12 in x 3/4 in	152 mm x 305 mm x 19 mm	3.5 / 3.2	3.5 / 89	2.3 / 1.0
22-888130G2	KPI-5	10 in x 10 in x 3/4 in	254 mm x 254 mm x 19 mm	5.4 / 4.9	5.4 / 137	3.1 / 1.4
22-888135G2	KPI-8	12 in x 12 in x 7/8 in	305 mm x 305 mm x 22 mm	8.2 / 7.5	6.4 / 163	5.5 / 2.5
22-888138G2	KPI-10	12 in x 18 in x 7/8 in	305 mm x 457 mm x 22 mm	12.9 / 11.7	7.1 / 180	8.3 / 3.7
22-888140G2	KPI-12	15 in x 15 in x 7/8 in	381 mm x 381 mm x 22 mm	13.7 / 12.4	8.1 / 206	8.8 / 4.0
22-888150G2	KPI-17	15 in x 21 in x 7/8 in	381 mm x 533 mm x 22 mm	19.0 / 17.3	9.0 / 226	12.0 / 5.4
22-888160G2	KPI-22	20 in x 20 in x 7/8 in	508 mm x 508 mm x 22 mm	25.6 / 23.2	10.8 / 274	15.9 / 7.2
22-888165G2	KPI-28	20 in x 26 in x 7/8 in	508 mm x 660 mm x 22 mm	34.0 / 30.9	11.8 / 299	20.1 / 9.1
22-888170G2	KPI-32	24 in x 24 in x 7/8 in	610 mm x 610 mm x 22 mm	38.0 / 34.4	13.0 / 330	22.0 / 10.0
22-888180G2	KPI-35L	15 in x 42 in x 7/8 in	381 mm x 1066 mm x 22 mm	39.5 / 35.8	9.5 / 241	24.5 / 11.1
22-888190G2	KPI-44	28 in x 28 in x 7/8 in	711 mm x 711 mm x 22 mm	52.7 / 47.8	15.3 / 388	30.0 / 13.6
22-888195G2	KPI-55	32in x 32 in x 1 in	812 mm x 812 mm x 25 mm	69.7 /63.3	17.0 / 432	45.2 / 20.5
22-888200G2	KPI-74	37 in x 37 in x 1 in	939 mm x 939 mm x 25 mm	89.2 / 80.9	20.0 / 508	58.0 / 26.3

The above dimensions do not include eyelets or straps. Lifting capacity and height will vary according to air pressure and bag contact area.

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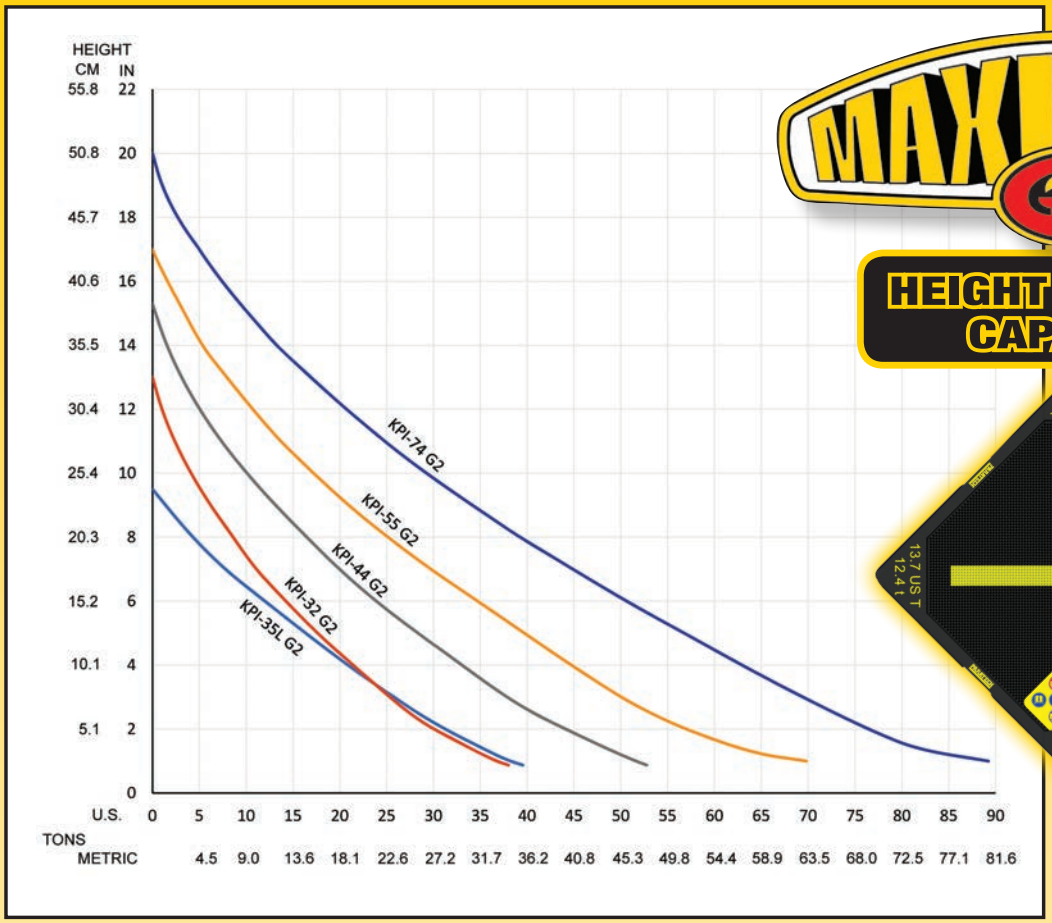
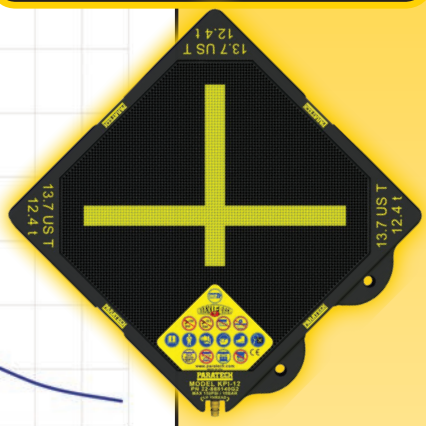
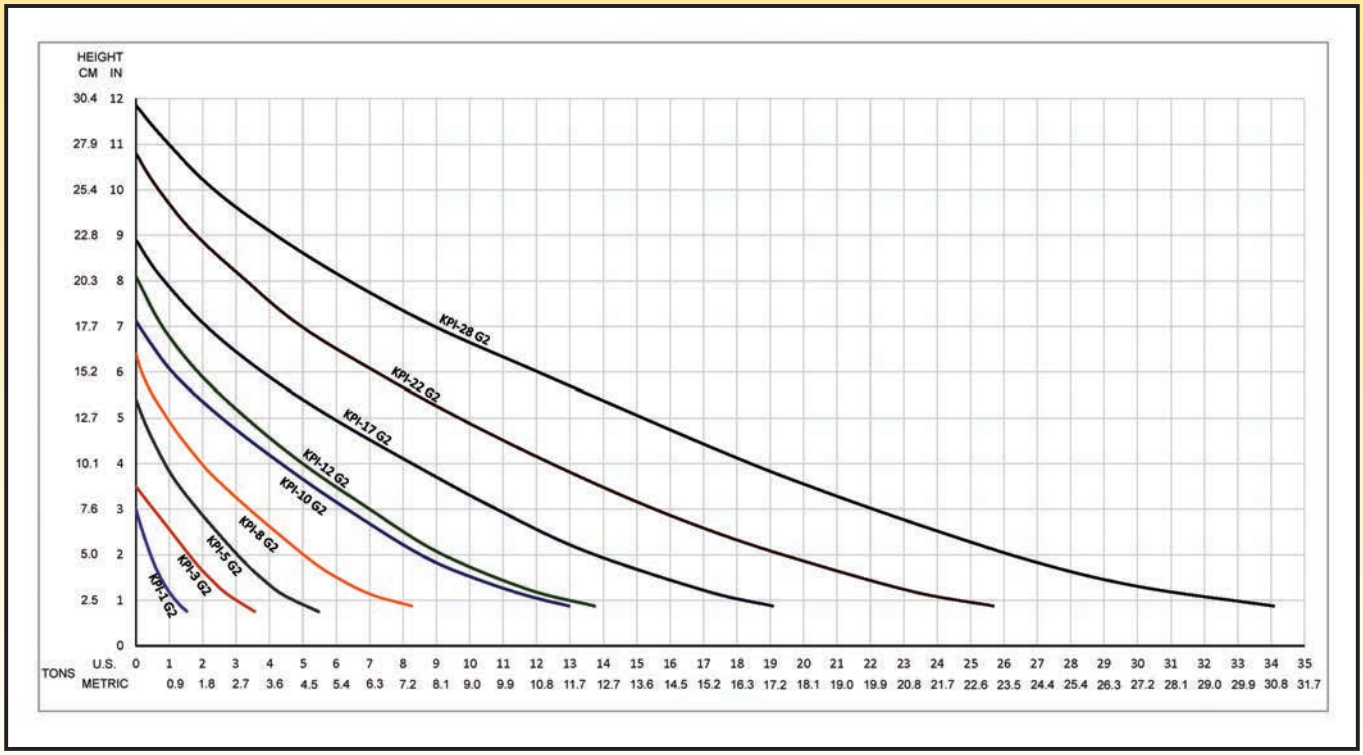


MAXIFORCE G2

HEIGHT VS. LOAD CAPACITY





MODEL 346 - 14 LIFT BAG SET

Total Lift Capacity: 412.9 US Ton / 374.6 Metric Ton

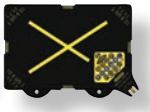
Part No.	Net Weight: lb	kg
22-889346G2	262.0	118.8



KPI-17
22-888150G2
QTY: 1



KPI-12
22-888140G2
QTY: 1



KPI-10
22-888138G2
QTY: 1



KPI-8
22-888135G2
QTY: 1



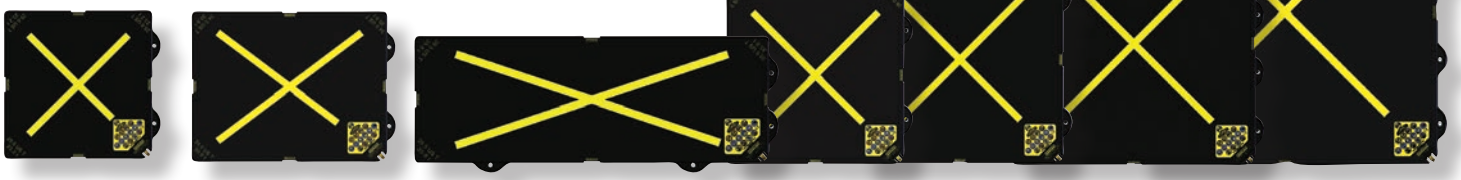
KPI-5
22-888130G2
QTY: 1



KPI-3
22-888130G2
QTY: 1



KPI-1
22-888110G2
QTY: 1



KPI-22
22-888160G2
QTY: 1

KPI-28
22-888165G2
QTY: 1

KPI-35L
22-888180G2
QTY: 1

KPI-32
22-888170G2
QTY: 1

KPI-44
22-888190G2
QTY: 1

KPI-55
22-888195G2
QTY: 1

KPI-74
22-888200G2
QTY: 1





MODEL 136 - 11 LIFT BAG SET

Total Lift Capacity: 242 US Ton / 220 Metric Ton

Part No.	Net Weight: lb	kg
22-889136G2	147.5	66.9



KPI-1
22-888110G2
QTY: 1



KPI-3
22-888130G2
QTY: 1



KPI-5
22-888130G2
QTY: 1



KPI-12
22-888140G2
QTY: 1



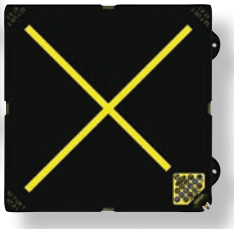
KPI-17
22-888150G2
QTY: 2



KPI-22
22-888160G2
QTY:2



KPI-32
22-888170G2
QTY: 2



KPI-44
22-888190G2
QTY: 1

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MODEL 245 - 10 LIFT BAG SET

Total Lift Capacity: 288.1 US Ton / 261.2 Metric Ton

Part No.	Net Weight: lb	kg
22-889245G2	182.0	82.6



KPI-17
22-888150G2
QTY: 1



KPI-12
22-888140G2
QTY: 1



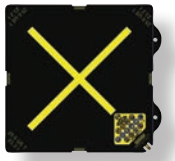
KPI-5
22-888130G2
QTY: 1



KPI-3
22-888130G2
QTY: 1



KPI-1
22-888110G2
QTY: 1



KPI-22
22-888160G2
QTY: 1



KPI-35L
22-888180G2
QTY: 1



KPI-32
22-888170G2
QTY: 1



KPI-44
22-888190G2
QTY: 1



KPI-74
22-888200G2
QTY: 1





MODEL 92 - 9 LIFT BAG SET

Total Lift Capacity: 151.3 US Ton / 137.2 Metric Ton

Part No.	Net Weight: lb	kg
22-889092G2	95.5	43.3



KPI-1
22-888110G2
QTY: 1



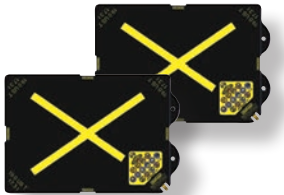
KPI-3
22-888130G2
QTY: 1



KPI-5
22-888130G2
QTY: 1



KPI-12
22-888140G2
QTY: 1



KPI-17
22-888150G2
QTY: 2



KPI-22
22-888160G2
QTY: 2



KPI-32
22-888170G2
QTY: 1

MODEL 117 - 8 LIFT BAG SET

Total Lift Capacity: 218.4 US Ton / 198.1 Metric Ton

Part No.	Net Weight: lb	kg
22-889117G2	134.8	61.1



KPI-12
22-888140G2
QTY: 1

KPI-17
22-888150G2
QTY: 2

KPI-22
22-888160G2
QTY: 2

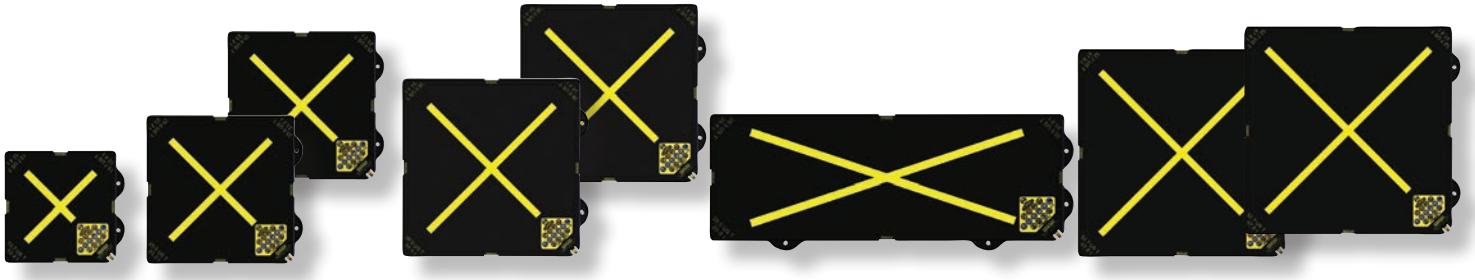
KPI-32
22-888170G2
QTY: 2

KPI-35L
22-888180G2
QTY: 1

MODEL 140 - 8 LIFT BAG SET

Total Lift Capacity: 285.8 US Ton / 259.2 Metric Ton

Part No.	Net Weight: lb	kg
22-889140G2	169.4	76.8



KPI-12
22-888140G2
QTY: 1

KPI-22
22-888160G2
QTY: 2

KPI-32
22-888170G2
QTY: 2

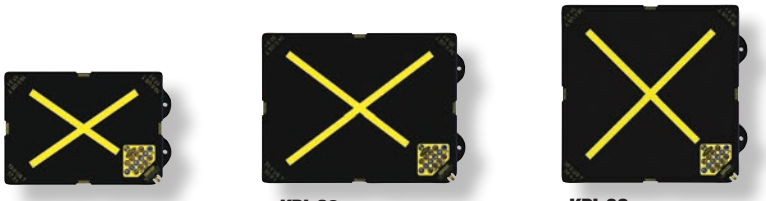
KPI-35L
22-888180G2
QTY: 1

KPI-44
22-888190G2
QTY: 2

MODEL 48 - 3 LIFT BAG SET

Total Lift Capacity: 91.0 US Ton / 82.5 Metric Ton

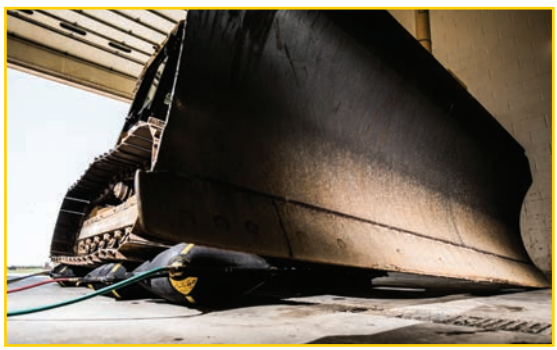
Part No.	Net Weight: lb	kg
22-889048G2	54.3	24.6

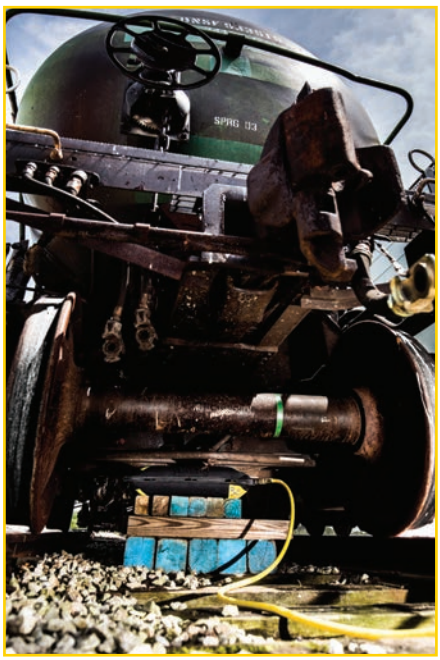


KPI-17
22-888150G2
QTY: 2

KPI-28
22-888165G2
QTY: 1

KPI-32
22-888170G2
QTY: 1





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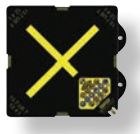
MODEL 234 - 7 LIFT BAG SET

Total Lift Capacity: 277.2 US Ton / 251.4 Metric Ton

Part No.	Net Weight: lb	kg
22-889234G2	174.0	78.9



KPI-12
22-888140G2
QTY: 1



KPI-17
22-888150G2
QTY: 1



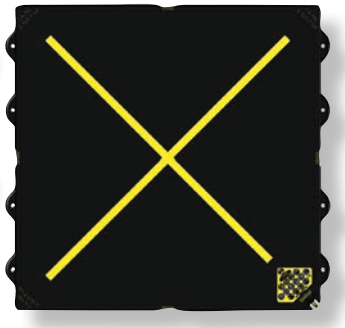
KPI-32
22-888170G2
QTY: 1



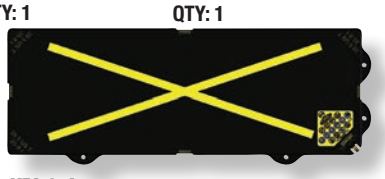
KPI-22
22-888160G2
QTY: 1



KPI-44
22-888190G2
QTY: 1



KPI-74
22-888200G2
QTY: 1

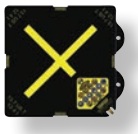


KPI-35L
22-888180G2
QTY: 1

MODEL 50 - 5 LIFT BAG SET

Total Lift Capacity: 102.9 US Ton / 93.3 Metric Ton

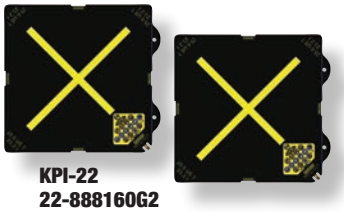
Part No.	Net Weight: lb	kg
22-889050G2	65.0	29.5



KPI-12
22-888140G2
QTY: 1



KPI-17
22-888150G2
QTY:2



KPI-22
22-888160G2
QTY: 2

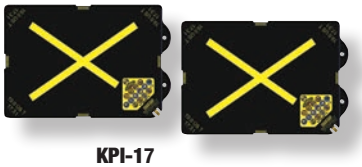
MODEL 52 - 5 LIFT BAG SET

Total Lift Capacity: 117.5 US Ton / 106.6 Metric Ton

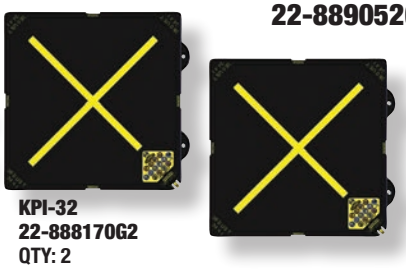
Part No.	Net Weight: lb	kg
22-889052G2	72.2	32.7



KPI-3
22-888130G2
QTY: 1



KPI-17
22-888150G2
QTY: 2



KPI-32
22-888170G2
QTY: 2





LIGHT US&R LIFT BAG KIT

consisting of the following:

Part No.	Net Weight: lb	kg
22-889351G2-150	307.0	139.0

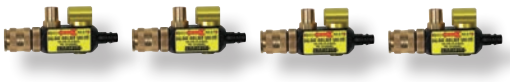


MASTER CONTROL KIT CASES
22-890322
QTY: 2



DUAL DEADMAN BAG CONTROLLER G2
22-890900G2
QTY: 1

PRESSURE REGULATOR
22-895401G2
QTY: 1



INLINE RELIEF VALVE
22-890490-150
QTY: 4



PARATECH NIPPLE AND LOCKING TIRE CHUCK
22-890731
QTY: 1



"Y" with 2 COUPLINGS and 1 NIPPLE
22-890736
QTY: 2



SHUTOFF ADAPTER NIPPLE WITH INDUSTRIAL NIPPLE WITH VALVE
22-890732
QTY: 1



SHUTOFF ADAPTER NIPPLE WITH TWIST LOCK
22-890749
QTY: 1



AIR HOSE BLACK
3/8 in /9.5 mm dia x 16 ft / 5m
22-890513
QTY: 1



AIR HOSE BLUE
3/8 in /9.5 mm dia x 16 ft / 5m
22-890514
QTY: 1



AIR HOSE YELLOW
3/8 in /9.5 mm dia x 16 ft / 5m
22-890515
QTY: 1



AIR HOSE RED
3/8 in /9.5 mm dia x 16 ft / 5m
22-890516
QTY: 1



AIR HOSE GREEN
3/8 in /9.5 mm dia x 16 ft / 5m
22-890517
QTY: 1



PARATECH NIPPLE
1/4 IN / 0.6 CM (NPT F)
22-890682
QTY: 2



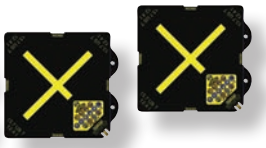
PARATECH NIPPLE
FOR ALB 3/8-24 LH THD
22-890686
QTY: 4



INLINE RELIEF VALVE
22-890490-150
QTY: 10



KPI-17
22-888150G2
QTY: 2



KPI-12
22-888140G2
QTY: 2



KPI-28
22-888165G2
QTY: 2



KPI-5
22-888130G2
QTY: 2



KPI-3
22-888120G2
QTY: 2



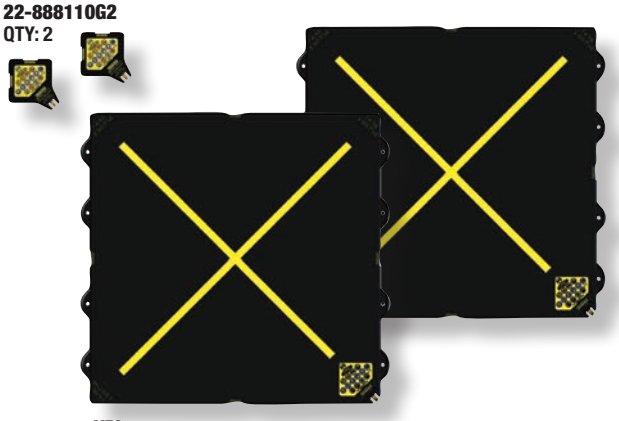
KPI-35L
22-88818G2
QTY: 1



KPI-44
22-888190G2
QTY: 1



KPI-1
22-888110G2
QTY: 2



KPI-74
22-888200G2
QTY: 2

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

US&R LIFT BAG KIT

consisting of the following:

Part No.	Net Weight: lb	kg
22-889350G2-150	613.0	278.0



MASTER CONTROL KIT CASES
22-890322
QTY: 2

INLINE RELIEF VALVE
22-890490-150
QTY: 8



DUAL DEADMAN BAG CONTROLLER G2
22-890900G2
QTY: 2



PARATECH NIPPLE AND LOCKING TIRE CHUCK
22-890731
QTY: 2



"Y" with 2 COUPLINGS and 1 NIPPLE
22-890736
QTY:4

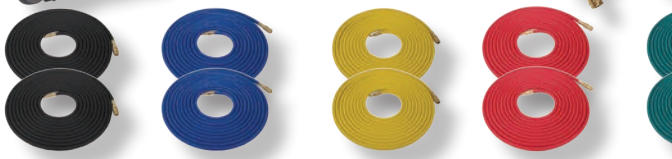


SHUTOFF ADAPTER NIPPLE WITH INDUSTRIAL NIPPLE WITH VALVE
22-890732
QTY: 2



SHUTOFF ADAPTER NIPPLE WITH TWIST LOCK
22-890749
QTY: 2





AIR HOSE BLACK
3/8 in /9.5 mm dia x 16 ft / 5m
22-890513
QTY: 2

AIR HOSE BLUE
3/8 in /9.5 mm dia x 16 ft / 5m
22-890514
QTY: 2

AIR HOSE YELLOW
3/8 in /9.5 mm dia x 16 ft / 5m
22-890515
QTY: 2

AIR HOSE RED
3/8 in /9.5 mm dia x 16 ft / 5m
22-890516
QTY: 2

AIR HOSE GREEN
3/8 in /9.5 mm dia x 16 ft / 5m
22-890517
QTY: 2

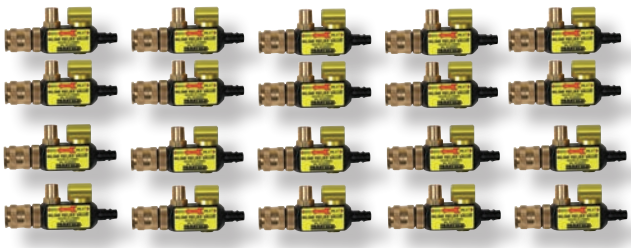


PARATECH NIPPLE
1/4 IN / 0.6 CM (NPT F)
22-890682
QTY: 4

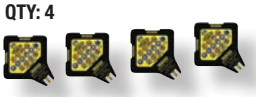


PARATECH NIPPLE
FOR ALB 3/8-24 LH THD
22-890686
QTY: 8

INLINE RELIEF VALVE
22-890490-150
QTY: 20



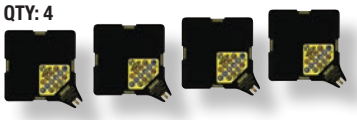
KPI-1
22-888110G2
QTY: 4



PRESSURE REGULATOR
22-895401G2
QTY: 2



KPI-5
22-888130G2
QTY: 4



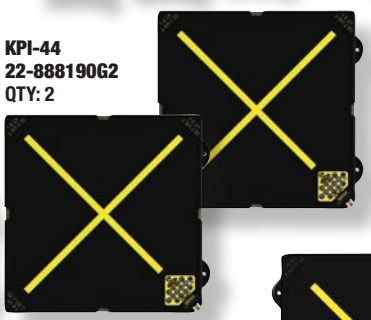
KPI-3
22-888120G2
QTY:4



KPI-12
22-888140G2
QTY: 2



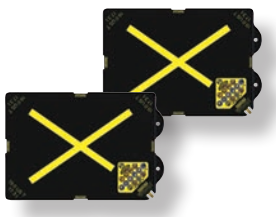
KPI-44
22-888190G2
QTY: 2



KPI-28
22-888165G2
QTY: 2



KPI-17
22-888150G2
QTY: 2

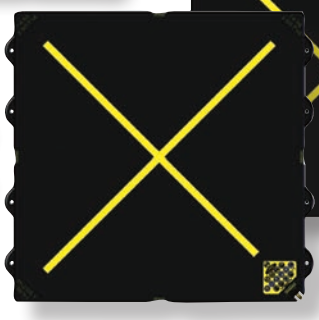




KPI-35L
22-88818G2
QTY: 2



KPI-74
22-888200G2
QTY: 4



MASTER CONTROL KIT G2

consisting of the following:

Part No.	Net Weight:	lb	kg
22-890300G2-150 22-890300G2D-10	US Metric	44.0	19.9





1 - Dual Deadman Bag Controller G2
22-890900G2-150



1 -Pressure Regulator
22-895401G2



4 - Inline Relief Valve 22-890490-150



1 - Paratech Nipple and Locking Tire Chuck
22-890731



2 - "Y" with 2 Couplings and 1 Nipple
22-890736



1 - Shutoff Adapter Nipple with Industrial Nipple with Valve
22-890732



1 - Shutoff Adapter Nipple with Twist Lock
22-890749



1 - Master Control Kit Case
22-890322



2 - Paratech Nipple 1/4 in / 0.6 cm (NPT F)
22-890682



4 - Paratech Nipple for ALB 3/8–24 LH THD
22-890686



1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Black
22-890513

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Blue
22-890514

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Yellow
22-890515

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Red
22-890516

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5m Green
22-890517

Quantity	Part No.	Description
1	22-890900G2–150	Dual Deadman Safety Relief & Control Valve
1	22-895401G2	Regulator G2 200 PSI CGS (13.8 bar) 5,500-0 psi / 379.2 -0 bar CGA 347/346 Inlet
4	22-890490-150	Inline Relief Valve
2	22-890682	Paratech Nipple 1/4 in / 0.6 cm NPT F
4	22-890686	Paratech Nipple for ALB 3/8–24 LH THD
1	22-890731	Paratech Nipple and Locking Tire Chuck

Quantity	Part No.	Description
1	22-890732	Shutoff Adapter Nipple with Industrial Nipple with Valve
2	22-890736	"Y" with 2 Couplings and 1 Nipple
1	22-890749	Shutoff Adapter Nipple with Twist Lock
1	22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK
1	22-890514	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLUE
1	22-890515	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m YELLOW
1	22-890516	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m RED
1	22-890517	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m GREEN
1	22-890322	Master Control Kit Case

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

CONTROL KIT

consisting of the following:



1 - Dual Deadman Bag Controller G2 22-890900G2-150



1 -Pressure Regulator 22-895401G2

Part No.	Net Weight:	lb	kg
22-890351G2-150 US 22-890351G2D-10 Metric		21.0	9.5



1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Black 22-890513



1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Yellow 22-890515



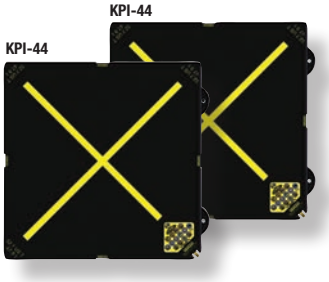
1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Red 22-890516

Quantity	Part No.	Description
1	22-890900G2-150	Dual Deadman Safety Relief & Control Valve
1	22-895401G2	Regulator G2 200 PSI CGS (13.8 bar) 5,500 – 0 psi / 379.2 – 0 bar CGA 347/346 Inlet

Quantity	Part No.	Description
1	22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK
1	22-890515	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m YELLOW
1	22-890516	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m RED

VEHICLE MAINTENANCE KIT

consisting of the following:





1 - Dual Deadman Bag Controller G2 22-890900G2-150



2 - Inline Relief Valve 22-890490-150

Part No.	Net Weight:	lb	kg
22-889360G2-150		73.2	33.2



1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Black 22-890513



1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Yellow 22-890515



1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m Red 22-890516

Quantity	Part No.	Model	Dimensions in	Dimensions mm	Max Lifting Capacity US Ton / Met Ton	Max Lifting Height in / mm	WEIGHT lb / kg
2	22-888190G2	KPI-44	28 in x 28 in x 7/8 in	711 mm x 711 mm x 22 mm	52.7 / 47.8	15.3 / 388	30.0 / 13.6

Quantity	Part No.	Description
2	22-890490-150	Inline Relief Valve
1	22-890900G2-150	Dual Deadman Safety Relief & Control Valve

Quantity	Part No.	Description
1	22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK
1	22-890515	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m YELLOW
1	22-890516	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m RED



PARATECH 24 PNEUMATIC COMPONENT & ADAPTER KIT

consisting of the following:

Part No.	Net Weight: lb	kg
22-890729	15.0	6.8


Paratech Nipple and Industrial Nipple with Valve


Paratech Nipple and Glad Hand


Paratech Nipple and Industrial Twist Lock with Valve


Paratech Nipple and Locking Tire Chuck


"Y" with 2 Paratech Couplings and 1/4 in NPT F


"Y" with 2 Paratech Couplings and MAXIFORCE® Nipple


"Y" with 3 Paratech Couplings


Paratech Double Male Nipple


Paratech Nipple and Tire Valve Inflator


Paratech Coupling with 3/8 in / 1 cm Hose Stem with Ferrule


Paratech Nipple with 3/8 in / 1 cm Hose Stem with Ferrule


Paratech Coupling with 1/4 in NPSM with "O" Ring


Paratech Nipple with 1/8 in NPT M


Paratech Nipple for ALB 3/8–24 LH THD


Paratech Coupling with 1/2 in NPT M


Paratech Nipple with 1/2 in NPT M


Paratech Coupling with 1/4 in NPT F


Paratech Nipple with 1/4 in NPT F


Paratech Coupling with 1/2 in NPT F


Paratech Nipple with 1/2 in NPT F


Paratech Nipple with 1/4 in NPT M


Paratech Nipple and 12 in / 30.5 cm Hose with Clamp

Quantity	Part No.	Description
1	22-890732	Paratech Nipple & Industrial Nipple with Valve
1	22-890734	Paratech Nipple & Glad Hand
1	22-890749	Paratech Nipple & Industrial Twist Lock with Valve
1	22-890731	Paratech Nipple & Locking Tire Chuck
1	22-890738	Paratech Nipple & 12 in / 30.5 cm Hose with Clamp
1	22-000905	Storage Case
1	22-890735	"Y" with 2 Paratech Couplings & 1/4 in NPT F
1	22-890736	"Y" with 2 Paratech Couplings & MAXIFORCE® Nipple
1	22-890740	"Y" with 3 Paratech Couplings
1	22-890730	Paratech Double Male Nipple
1	22-890737	Paratech Nipple and Tire Valve Inflator
1	22-890700	Paratech Coupling with 3/8 in / 1 cm Hose Stem with Ferrule (consists of 22-890700A & 22-890624)
1	22-890691 & 22-890624	Paratech Nipple with 3/8 in / 1 cm Hose Stem with Ferrule
1	22-890721A	Paratech Coupling with 1/4 in NPSM with "O" Ring
1	22-890686	Paratech Nipple for ALB 3/8–24 LH THD
1	22-890681	Paratech Nipple with 1/4 in NPT M
1	22-890710	Paratech Coupling with 1/2 in NPT M
1	22-890684	Paratech Nipple with 1/2 in NPT M
1	22-890711	Paratech Coupling with 1/4 in NPT F
1	22-890682	Paratech Nipple with 1/4 in NPT F
1	22-890720	Paratech Coupling with 1/2 in NPT F
1	22-890685	Paratech Nipple with 1/2 in NPT F
1	22-890683	Paratech Nipple with 1/8 in NPT M

Storage Case



MAXIFORCE® AIR LIFTING BAG SAFETY ICONS



MAXIMUM OPERATING PRESSURE



MAXIMUM OPERATING PRESSURE


DO NOT LIFT SHARP OBJECTS


READ INSTRUCTIONS


WEAR SAFETY GLOVES


WEAR HEAD AND EYE PROTECTION


WEAR SAFETY FOOTWEAR


STACK TWO LIFT BAGS

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

MAXIFORCE® ACCESSORIES



COMPLETELY COMPATIBLE WITH ALL OLDER MAXIFORCE® AIR LIFTING BAGS AND CONTROL EQUIPMENT



DUAL DEADMAN BAG CONTROLLER G2
Net Weight: 6.0lb 2.7kg
Part No. 22-890900G2-150

SINGLE DEADMAN BAG CONTROLLER G2
With bypass and two couplings
Net Weight: 3.0lb 1.4kg
Part No. 22-889510G2-150



PRESSURE REGULATOR
Piston Type 5,500-0 psi / 379.2-0 bar CGA 347/346 inlet
Net Weight: 3.6lb 1.6kg
Part No. 22-895401G2



PRESSURE REGULATOR
Piston Type Euro 5,500-0 psi / 379.2-0 bar DIN
Net Weight: 3.8lb 1.7kg
Part No. 22-895401DG2



INLINE RELIEF VALVE FOR G2
165 psi / 11.4 bar
Designed to relieve over-pressurization and allow a lift bag to remain inflated under a load. This is not simply a shut off valve. This valve will relieve excess pressure from an inflated bag caused by load shifts or temperature changes.
Net Weight: 1.0lb 0.4kg
Part No. 22-890490-150



INLINE RELIEF VALVE
135 psi / 9.3 bar
Designed to relieve over-pressurization and allow a lift bag to remain inflated under a load. This is not simply a shut off valve. This valve will relieve excess pressure from an inflated bag caused by load shifts or temperature changes.
Net Weight: 1.0lb 0.4kg
Part No. 22-890490

MANUAL AIR COMPRESSOR 2 STAGE - FOOT/HAND
Net Weight: 14.7lb 6.7kg
Part No. 22-800400









MASTER CONTROL PACKAGE CUSTOM CASE ONLY
Part No. 22-890322



STORAGE CASE
Part No. 22-000905

NEOPRENE SHEET
20 in x 20 in x 1/8 in / 50.8 cm x 50.8 cm x .032 cm
Part No. 22-890466



MAXIFORCE® ACCESSORIES



Ferrule for Paratech Nipple with 3/8 in / 1 cm hose stem
Part No. 22-890624



Nipple with 1/4 in NPT M fits MAXIFORCE® and Vetter
Part No. 22-890667



Locking Nipple with 1/8 in NPT M fits MAXIFORCE® and Vetter
Part No. 22-890668



Paratech Lock Nipple with 3/8 in / 1cm hose thread
Part No. 22-890672



2 - Paratech Nipple for ALB 3/8–24 LH THD
Part No. 22-890686



Paratech Nipple with 1/4 in NPT F
Part No. 22-890682



Paratech Nipple with 1/8 in NPT M
Part No. 22-890683



Paratech Nipple with 1/2 in NPT M
Part No. 22-890684



Paratech Nipple with 1/2 in NPT F
Part No. 22-890685



Paratech Nipple with 3/8 in / 1 cm hose stem
Part No. 22-890691



Paratech/Vetter Nipple 3/8 in / 24 LH
Part No. 22-890652



Paratech Coupling with 3/8 in / 0.4 cm hose stem w/Ferrule - consists of 22-890700A & 22-890624
Part No. 22-890700



Paratech Coupling with 3/8 in / 1 cm hose stem
Part No. 22-890700A



Paratech Coupling with 1/2 in NPT M
Part No. 22-890710



Paratech Coupling with 1/4 in NPT F
Part No. 22-890711



Paratech Coupling with 1/2 in NPT F
Part No. 22-890720



Paratech Coupling with 1/4 in NPSM with 'O' Ring
Part No. 22-890721A



Paratech Coupling with 1/4 in NPSM open
Part No. 22-890703



Paratech Double Male Nipple
Part No. 22-890730



Paratech Nipple Industrial Nipple with Valve
Part No. 22-890732



Paratech Nipple and Glad Hand
Part No. 22-890734



'Y' with 2 Paratech Couplings and 1/4 in NPT F
Part No. 22-890735



'Y' with 2 Paratech Couplings and MAXIFORCE® Nipple
Part No. 22-890736



'Y' with 3 Paratech Couplings
Part No. 22-890740



Paratech Nipple and Tire Valve Inflator
Part No. 22-890737



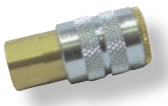
Paratech Nipple and Locking Tire Chuck
Part No. 22-890731



Paratech Nipple and 12 in / 30.5 cm hose with clamp
Part No. 22-890738



Paratech Nipple and Industrial Twist Lock with Valve
Part No. 22-890749



Industrial Coupling 1/4 in NPT F
Part No. 22-890751



Industrial Coupling 1/4 in NPT M
Part No. 22-890752



Industrial Nipple 1/8 in NPT M
Part No. 22-890760



Industrial Nipple 1/4 in NPT M
Part No. 22-890761



Industrial Nipple 3/8 in NPT M
Part No. 22-890762



Industrial Nipple 1/4 in NPT F
Part No. 22-890763



Paratech Coupling with 1/4 in NPT M open
Part No. 22-890704



Paratech Coupling with 1/4 in NPT M
Part No. 22-890712



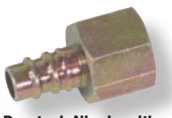
Paratech Coupling with 3/8 in NPT M
Part No. 22-890714



Paratech Coupling with 3/8 in NPT F
Part No. 22-890716



Paratech Nipple with 3/8 in NPT M
Part No. 22-890718



Paratech Nipple with 3/8 in NPT F
Part No. 22-890777

Nipple (Strut Inlet) 1/8 in NPSM
Part No. 22-796065

Hose Splice 3/8 in / 9.5 mm dia. x 3/8 in / 9.5 mm dia.
Part No. 22-890673

Hose Stem 1/4 in NPT M with 3/8 in / 9.5 mm dia.
Part No. 22-890674

Hose Barb 1/4 in NPT F with 3/8 in / 9.5 mm dia.
Part No. 22-890675

Dual Tank Connector with Check Valves - CGA 346/347
Part No. 22-800130 Net Weight: 1.5lb / 0.68kg

Dual Tank Connector with Check Valves - DIN
Part No. 22-800135 Net Weight: 1.5lb / 0.68kg

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

MAXIFORCE® ACCESSORIES



NIPPLE FOR ALB 3/8 - 24 LH THD
Part No. 22-890686



NIPPLE PROTECTOR-G2
Part No. 22-890709T



SWIVEL FITTING
Part Number: 22-890784
Weight: .46 lbs (208.6 g)



WORKING AIR CART & CYLINDERS

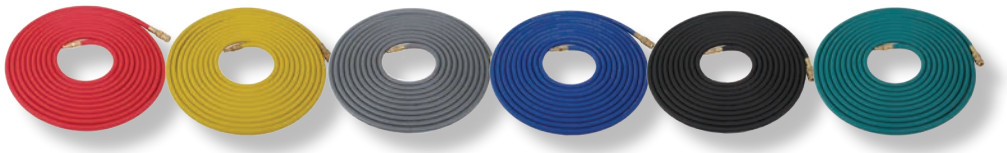
The Working Air Cart is a portable self-contained unit designed to provide, from a single supply source, continuous regulated working air simultaneously to a variety of components, such as MAXIFORCE® G2 Air Lifting Bags, AcmeThread Struts, LockStroke Struts, LongShore Struts and Paratech's Powered Impact Tools.



WORKING AIR CART
US
Part No. 22-800200
METRIC
Part No. 22-800200D
Net Weight: 139.0lb 63.0kg

WORKING AIR CART WITHOUT CYLINDERS
US
Part No. 22-800201
METRIC
Part No. 22-800201D
Net Weight: 43.4lb 19.7kg





AIR HOSES

A full 3/8 in / 9.5 mm inside diameter in a wide range of colors and lengths. Couplings and nipples are field replaceable using simple hand tools. Working pressure of 300 psi / 20.7 bar assures reliability. Hose stays flexible over the full operating temperature range of the lift bag. Closed couplings prevent air escape at disconnect (no blowing debris).

3/8 IN / 9.5 mm diameter	RED	YELLOW	GRAY	BLUE	BLACK	GREEN
x 16 ft / 5 m (2.5 lb / 1.1 kg)	22-890516	22-890515	22-890518	22-890514	22-890513	22-890517
x 32 ft / 10 m (4.5 lb / 2.0 kg)	22-890521	22-890520	22-890525	22-890523	22-890522	22-890524
x 50 ft / 15 m (7.0 lb / 3.2 kg)	22-890541	22-890542	22-890545	22-890543	22-890546	22-890544

1 IN / 25.4 mm diameter	RED	BLUE
x 20 ft / 6.1 m (11.0 lb / 5.0 kg)	22-887400	22-887401

IDEAL TOOL FOR HIGH LIFT REQUIREMENTS OF NON-REINFORCED BROAD SURFACES FOUND ON TRUCKS, VANS & LIGHT AIRCRAFT.

Rescue Air Cushions are an ideal tool for high lift requirements of non-reinforced broad surfaces found on trucks, vans and light aircraft.
Cushions are also used by collapse rescue teams to fill voids and regain support for Rescue Struts, wall braces and shoring.
With a maximum lift height up to 40 inches (102 cm), Rescue Air Cushions are available in 4 sizes.
Paratech's Rescue Air Cushions are ready for a wide range of applications and are extremely versatile.




TRAILER LIFT


VEHICLE LIFT

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

Rescue Air Cushions are available in 4 sizes for maximum versatility and a wide range of applications.

Typical Applications Include:

- Major vehicle accidents (cars, trucks, buses)
- Light aircraft recovery
- Filling voids created in trench collapse
- Small vehicle turnovers
- Downed or trapped animals
- Flotation device
- Industrial lifting applications

A soft footprint allows placement on soft and uneven terrain, with a contact area exceeding lifting height.

Constructed with a highly durable contact area, Rescue Air Cushions have Neoprene coated exterior and interior reinforcement belts.

Rescue Air Cushions can be inflated using a variety of compressed air sources including industrial compressed air, compressed air storage cylinders, air brake systems and portable blowers.



VEHICLE LIFT


TRACTOR-TRAILER LIFT

SAFETY AND OPERATIONAL FEATURES:

- Pressure relief valves on cushions and control valve
- Interior reinforcing maintains flat lift surfaces for direction of lift force
- Quick connect couplings with locking ring
- Positioning handles
- Each cushion is factory tested at 1.3 times operating pressure
- Contact area diameter exceeds lifting height
- Operating pressure of 0-14.5 psi / 1.0 bar aramid reinforced

ADVANTAGES:

- Lifting heights from 17 in to 40 in / 43 cm to 102 cm
- Greater stability due to the size of the contact area
- Lighter loads have predictable lift results
- Full lift capacity over full lifting height
- Soft footprint allows placement on soft and uneven terrain
- User repairable for limited damage or punctures
- Four sizes to choose from

EASE OF OPERATION:

Air Cushion inflation can be made from a variety of compressed air sources:

- Industrial compressed air
- Compressed air storage cylinders
- Air brake systems
- Portable blowers

Portable, hand held controller includes adjustable valves, gauges and pressure reliefs


CHINOOK HELICOPTER LIFT

RESCUE AIR CUSHIONS



Part No.	Description	Diameter in / cm	Height Deflated in / cm	Height Inflated in / cm	Lift at Max Pressure lb / kg	Air Requirement cu ft / cu ltr	Weight Packed lb / kg
22-887005K	A/K Cushion 3.3 Ton (3.0 MT)	24 / 61	2 / 5	17 / 43	6,560 / 2,976	10.4 / 295	35 / 15
22-887010K	B/K Cushion 5.1Ton (4.7 MT)	30 / 76	2 / 5	23 / 59	10,250 / 4,650	22.0 / 620	38 / 17
22-887015K	C/K Cushion 7.4 Ton (6.7 MT)	36 / 91	2 / 5	24 / 61	14,761 / 6,697	31.6 / 895	50 / 22
22-887020K	D/K Cushion 13.7 Ton (11.9 MT)	48 / 122	4 / 10	39.4 / 100	26,248 / 11,906	106.0 / 3,010	56 / 25

RESCUE AIR CUSHION KITS

Each Rescue Air Cushion Kit consists of:

- Two Rescue Air Cushions with pressure reliefs
- A dual safety controller with quick connect couplings
- One length of 3/8 in / 9.5 mm diameter high pressure hose with quick connect couplings 16 ft / 5m
- Two lengths of 1 in / 2.5 cm diameter low pressure hose with quick connect couplings, 20 ft / 6 m
- Storage and carrying case
- Repair kit

6 TON / 5.4 METRIC TON LIFT KIT

Kit Part No.	Description	Net Weight: lb	kg
22-887100KG2	AK/6 Ton (5.4 MT)	103.0	47.0

Part No.	Description	Quantity
22-887005K	A/K Cushion 6 Ton (5.4 MT)	2
22-887006	A/K Cushion Carrying Case	1
22-887305G2	Dual Controller with gauges and safety relief valves 14.5 psi / 1 bar	1
22-887400	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED	1
22-887401	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE	1
22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK	1
22-887099K	Repair Kit	1

Regulator needed for kit operation



1 - A/K Cushion Carrying Case 22-887005

1 - Dual Controller with gauges & safety relief valves 22-887305

1 - Repair Kit 22-887099K

1 - Air Hose 1 in / 25 mm dia. x 20 ft / 6 m Red 22-887400

1 - Air Hose 1 in / 25 mm dia. x 20 ft / 6 m Blue 22-887401

1 - Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 6 m Black 22-890513

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

10 TON / 9 METRIC TON LIFT KIT

Kit Part No.	Description	Net Weight: lb	kg
22-887102KG2	BK/10 Ton (9MT)	111.0	50.0

Part No.	Description	Quantity
22-887010K	B/K Cushion 10 Ton (9 MT)	2
22-887011	B/K Cushion Carrying Case	1
22-887305G2	Dual Controller with gauges and safety relief valves 14.5 psi / 1 bar	1
22-887400	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED	1
22-887401	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE	1
22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK	1
22-887099K	Repair Kit	1

Regulator needed for kit operation



14 TON / 12.7 METRIC TON LIFT KIT

Kit Part No.	Description	Net Weight: lb	kg
22-887104KG2	CK/14 Ton (12.7MT)	139.0	63.0

Part No	Description	Quantity
22-887015K	C/K Cushion 14 Ton (12.7 MT)	2
22-887016	C/K Cushion Carrying Case	1
22-887305G2	Dual Controller with gauges and safety relief valves 14.5 psi / 1 bar	1
22-887400	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED	1
22-887401	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE	1
22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK	1
22-887099K	Repair Kit	1

Regulator needed for kit operation



26 TON / 23.6 METRIC TON LIFT KIT

Kit Part No.	Description	Net Weight: lb	kg
22-887106KG2	DK/26 Ton (23.6MT)	150.0	68.0

Part No.	Description	Quantity
22-887020K	D/K Cushion 26 Ton (23.6 MT)	2
22-887021	D/K Cushion Carrying Case	1
22-887305G2	Dual Controller with gauges and safety relief valves 14.5 psi / 1 bar	1
22-887400	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m RED	1
22-887401	Air Hose 1 in / 25 mm dia. x 20 ft / 6 m BLUE	1
22-890513	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m BLACK	1
22-887099K	Repair Kit	1

Regulator needed for kit operation



RESCUE AIR CUSHIONS ACCESSORIES



A/K CUSHION CARRYING CASE
PVC coated, toggle fastening
Net Weight: 2.4lb 1.1kg
Part No. 22-887006



B/K CUSHION CARRYING CASE
PVC coated, toggle fastening
Net Weight: 3.0lb 1.4kg
Part No. 22-887011



C/K CUSHION CARRYING CASE
PVC coated, toggle fastening
Net Weight: 4.3lb 2.0kg
Part No. 22-887016



D/K CUSHION CARRYING CASE
PVC coated, toggle fastening
Net Weight: 6.1lb 2.8kg
Part No. 22-887021



DUAL CONTROLLER WITH GAUGES & SAFETY RELIEF
14.5 psi / 1.0 bar
Net Weight: 7.9lb 3.6kg
Part No. 22-887305G2



SINGLE CUSHION CONTROLLER
14.5 psi / 1.0 bar
Net Weight: 3.5lb 1.6kg
Part No. 22-887314G2



REGULATOR G2
200 PSI CGA (13.8 BAR)
Piston Type 5,500-0 psi /
379.2-0 bar CGA 347/346 inlet
Net Weight: 3.6lb 1.6kg
Part No. 22-895401G2



REGULATOR G2
200 PSI DIN (13.8 BAR)
Piston Type Euro 5,500-0 psi /
379.2-0 bar DIN
Net Weight: 3.5lb 1.6kg
Part No. 22-895401DG2



AIR HOSE RED 1 in / 25 mm dia.
20 ft / 6 m
Net Weight: 11.0lb 5.0kg
Part No. 22-887400
40 ft / 12 m
Net Weight: 22.0lb 10.0kg
Part No. 22-887405
60 ft / 18 m
Net Weight: 33.0lb 15.0kg
Part No. 22-887410



AIR HOSE BLUE 1 in / 25 mm dia.
20 ft / 6 m
Net Weight: 11.0lb 5.0kg
Part No. 22-887401
40 ft / 12 m
Net Weight: 22.0lb 10.0kg
Part No. 22-887406
60 ft / 18 m
Net Weight: 33.0lb 15.0kg
Part No. 22-887411



AIR HOSE BLACK
3/8 in / 9.6 dia.
16 ft / 5 m
Net Weight: 2.0lb 0.9kg
Part No. 22-890513



INLINE RELIEF, SHUT OFF & HOSE ASSEMBLY
1 in / 2.5 cm x 16 ft / 5 m
Net Weight: 13.5lb 6.1kg
14.5 PSI / 1.0 BAR RED HOSE
Part No. 22-887350
14.5 PSI / 1.0 BAR BLUE HOSE
Part No. 22-887352



ADAPTER NIPPLE
5/8 in / 1.6 cm nipple
x 1.0 in / 2.5 cm hose
Net Weight: 0.2lb 0.1kg
Part No. 22-887460



QUICK CONNECT COUPLINGS
for 1 in / 2.5 cm hose
Net Weight: 0.6lb 0.3kg
Part No. 22-887450



REPAIR KIT / MEDIUM PRESSURE
Adhesive, assorted aramid/neoprene patches
and 60 grit emory cloth
Net Weight: 0.4lb 0.2kg
Part No. 22-887099K

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.



RAC INFORMATION MEDIUM PRESSURE

TYPE PART NUMBER		AK 22-887005K	BK 22-887010K	CK 22-887015K	DK 22-887020K
MAXIMUM LOAD	lb kg	6,560 2,976	10,252 4,650	14,764 6,697	26,248 11,906
LIFT HEIGHT	in cm	17 43	23 58	24 61	39.4 100
DIAMETER	in cm	24 61	30 76	36 91	48 122
AIR REQUIRED	cu ft ltrs	10.4 295	22 620	31.6 895	106 3010
WEIGHT PACKAGED	lb kg	35 16	38 17	50 23	56 25
INSERT SPACE APPROXIMATELY	in cm	2 5	2 5	2 5	4 10
WORKING SURFACE		3 PLY NEOPRENE COATED BELT 0.2 in / 5 mm NOMINAL THICKNESS			
INFLATION PORT		MOLDED THREADED FITTING 1-1 / 6-12			
INLET NIPPLE		QUICK CONNECT W/THREADED LOCKING RING			
RESTRAINT WEBS		TWIN NYLON WEBS 1 in / 25 mm WIDE 2,399 lb / 1088 kg BREAKING STRAIN			
SIDE WALL		NEOPRENE COATED (BOTH SIDES) ARAMID FABRIC, KEVLAR REINFORCED			
BUILT IN RESET RELIEF VALVE		MOLDED, THREADED, SPRING LOADED SELF RESETTING AT 14.5 psi / 1. 0 bar +/-10%			

SHUT DOWN LIQUID LEAKS ON PIPES... TANKERS...RAILROAD TANK CARS QUICKLY, SIMPLY AND SAFELY.

EFFECTIVE SOLUTIONS TO HAZMAT PROBLEMS IN 3 EASY STEPS

1. Strap a chemical resistant reinforced neoprene bag over the leak
2. Adjust and tighten the ratchet belts and inflate
3. Apply up to 22 psi / 1.5 bar over the area to stem the flow...seal the leak and reduce contamination...FAST



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LEAK SEALING BAGS

Designed for versatility, the 6 x 6 in (15.2 x 15.2 cm) size bag handles many pipe leaks. The versatile 15 x 24 in (38.1 x 61 cm) air bag is used for large pipe casings and common tanker leaks. For large gashes, tears and holes, Paratech recommends the 24 x 24 in (61 x 61 cm) inflatable sealing bag.

- Applies up to 22 psi (1.5 bar) over the damaged area to stem the flow, seal the leak, and reduce contamination...fast
- Works effectively on both smooth and rough surfaces
- Excellent for controlling leaks and punctures, in both stationary and mobile storage tanks
- Special harness design allows the bag to slide into position easily
- 16 ft (5.0 m) air hose and control valve allow emergency crews to work away from hazard zone



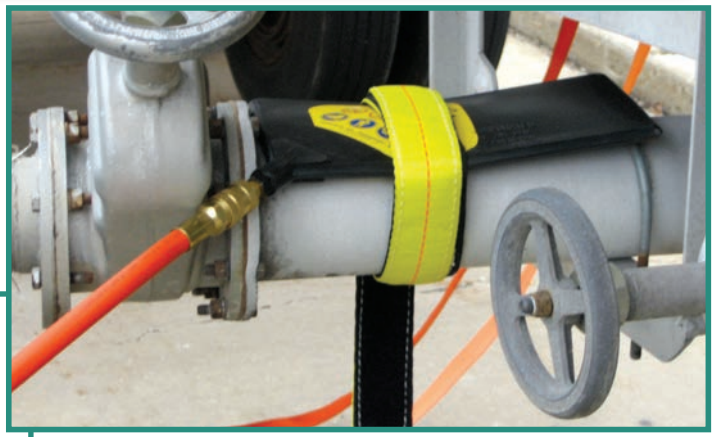
Shut down liquid leaks on pipes...tankers...railroad tank cars quickly, simply and safely with Paratech's easy-to-use inflatable air bag sealing system. Just strap a Paratech chemical resistant* reinforced neoprene air bag over the leak...adjust and tighten the ratchet belts and inflate.

*For specific information regarding chemical resistance of neoprene, refer to Paratech's chemical compatibility guide on our website. www.paratech.com

LEAK SEALING PLUGS

Used by the U.S. Air Force, these tapered hardwood & neoprene plugs are excellent for controlling hazardous material leaks, both liquid and vapor. Neoprene plugs are molded to accept extension handles and can be used with Powered Impact Tools.





LEAK SEALING BAGS



Part No.	Description	Dimensions in	Dimensions cm	Working Pressure	Net Weight: lb	kg
22-891725	Leak Sealing Bag	6 in x 6 in	15.2 cm x 15.2 cm	22 psi / 1.5 bar	1.0	0.5
22-891730	Leak Sealing Bag	6 in x 12 in	15.2 cm x 30.5 cm	22 psi / 1.5 bar	2.0	1.0
22-891735	Leak Sealing Bag	10 in x 10 in	25.4 cm x 25.4 cm	22 psi / 1.5 bar	3.0	1.4
22-891740	Leak Sealing Bag	15 in x 21 in	38.1 cm x 53.3 cm	22 psi / 1.5 bar	14.0	6.4
22-891745	Leak Sealing Bag	24 in x 24 in	61 cm x 61 cm	22 psi / 1.5 bar	24.0	10.9

LEAK SEALING ACCESSORIES



REGULATOR G2
200 PSI CGA (13.8 BAR)
Piston Type 5,500-0 psi /
379.2- 0 bar CGA 347/346 inlet
Net Weight: 3.6lb 1.6kg
Part No. 22-895401G2



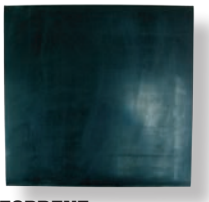
REGULATOR G2
200 PSI DIN (13.8 BAR)
Piston Type 5,500-0 psi /
379.2-0 bar DIN
Net Weight: 3.8lb 1.7kg
Part No. 22-895401DG2



LEAK SEAL CONTROLLER G2
Net Weight: 3.0lb 1.4kg
Part No. 22-895720G2



AIR HOSE ORANGE
3/8 in / 9.6 dia.
16 ft / 5 m
Net Weight: 2.0lb 1.0kg
Part No. 22-890519



SHEET NEOPRENE
20 in x 20 in x 1/8 in
50.8 cm x 50.8 cm x .032 cm
Net Weight: 1.0lb 0.5kg
Part No. 22-890466



WRAP AROUND VELCRO STRAP
4 ft / 1.2 m
Net Weight: 0.3lb 0.1kg
Part No. 22-891775



WRAP AROUND VELCRO STRAP
8 ft / 2.4 m
Net Weight: 0.6lb 0.3kg
Part No. 22-891779



RATCHET BELT ORANGE
30 ft / 9.1 m
Net Weight: 5.0lb 2.3kg
Part No. 22-890805



EXTENSION BELT ORANGE
20 ft / 6.1 m
Net Weight: 2.0lb 0.9kg
Part No. 22-890806



RATCHET BELT YELLOW
30 ft / 9.1 m
Net Weight: 5.0lb 2.3kg
Part No. 22-890810



EXTENSION BELT YELLOW
20 ft / 6.1 m
Net Weight: 2.0lb 0.9kg
Part No. 22-890811

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

PIPE & DRUM 2 BAG SEALING KIT

Kit Part No.	Net Weight: lb	kg
22-891700	11.0	5.0

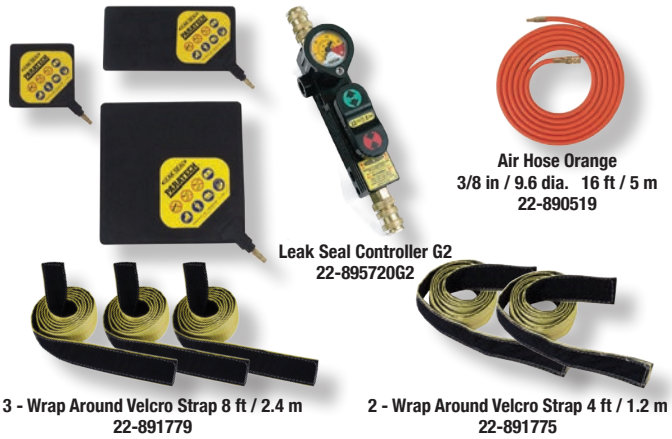
Part No.	Description	Quantity
22-891725	Leak Sealing Bag 6 in x 6 in / 15.2 cm x 15.2 cm	1
22-891730	Leak Sealing Bag 6 in x 12 in / 15.2 cm x 30.5 cm	1
22-891779	8 ft / 2.4 m Wrap Around Velcro Strap	3
22-891775	4 ft. / 1.2 m Wrap Around Velcro Strap	2
22-895720G2	Leak Seal Controller G2	1
22-890519	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m ORANGE	1



PIPE & DRUM 3 BAG SEALING KIT

Kit Part No.	Net Weight: lb	kg
22-891703	15.0	6.8

Part No.	Description	Quantity
22-891725	Leak Sealing Bag 6 in x 6 in / 15.2 cm x 15.2 cm	1
22-891730	Leak Sealing Bag 6 in x 12 in / 15.2 cm x 30.5 cm	1
22-891735	Leak Sealing Bag 10 in x 10 in / 25.4 cm x 25.4 cm	1
22-891779	8 ft / 2.4 m Wrap Around Velcro Strap	3
22-891775	4 ft / 1.2 m Wrap Around Velcro Strap	2
22-895720G2	Leak Seal Controller G2	1
22-890519	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m ORANGE	1



TANK SEALING KIT MODEL 100

Kit Part No.	Net Weight: lb	kg
22-891705	28.0	12.7

Part No.	Description	Quantity
22-891740	Leak Sealing Bag 15 in x 21 in / 38.1 cm x 53.3 cm	1
22-890805	Ratchet Belt 30 ft / 9.1 m ORANGE	1
22-890810	Ratchet Belt 30 ft / 9.1 m YELLOW	1
22-895720G2	Leak Seal Controller G2	1
22-890519	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m ORANGE	1



TANK SEALING KIT MODEL 200

Kit Part No.	Net Weight: lb	kg
22-891710	38.0	17.2

Part No.	Description	Quantity
22-891745	Leak Sealing Bag 24 in x 24 in / 61 cm x 61 cm	1
22-890805	Ratchet Belt 30 ft / 9.1 m ORANGE	1
22-890810	Ratchet Belt 30 ft / 9.1 m YELLOW	1
22-895720G2	Leak Seal Controller G2	1
22-890519	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m ORANGE	1



TANK SEALING KIT MODEL 300

Kit Part No.	Net Weight: lb	kg
22-891712	56.0	25.4

Part No.	Description	Quantity
22-891740	Leak Sealing Bag 15 in x 21 in / 38.1 cm x 53.3 cm	1
22-891745	Leak Sealing Bag 24 in x 24 in / 61 cm x 61 cm	1
22-890805	Ratchet Belt 30 ft / 9.1 m ORANGE	1
22-890806	Extension Belt 20 ft / 6.1 m ORANGE	1
22-890810	Ratchet Belt 30 ft / 9.1 m YELLOW	1
22-890811	Extension Belt 20 ft / 6.1 m YELLOW	1
22-895720G2	Leak Seal Controller G2	1
22-890519	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m ORANGE	1





Air Hose Orange
3/8 in / 9.6 dia. 16 ft / 5 m
22-890519



Ratchet Belt Orange
30 ft / 9.1 m
22-890805



Extension Belt Orange
20 ft / 6.1 m
22-890806



Ratchet Belt Yellow
30 ft / 9.1 m
22-890810



Extension Belt Yellow
20 ft / 6.1 m
22-890811

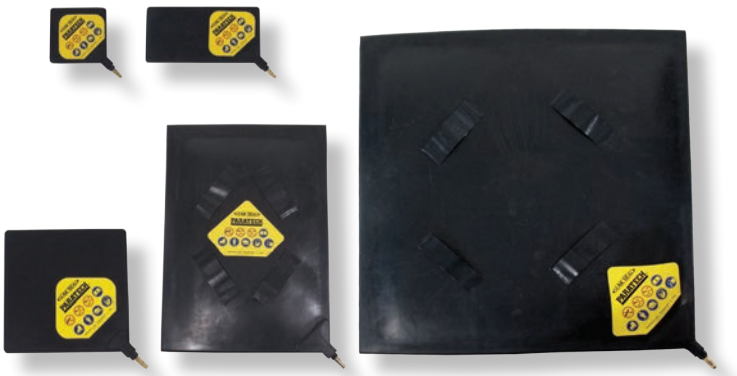


Leak Seal Controller G2
22-895720G2

TANK, PIPE & DRUM KIT MODEL 900

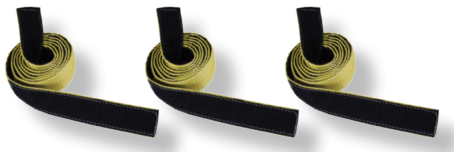
Kit Part No.	Net Weight: lb	kg
22-891715	69.0	31.3

Part No.	Description	Quantity
22-891725	Leak Sealing Bag 6 in x 6 in / 15.2 cm x 15.2 cm	1
22-891730	Leak Sealing Bag 6 in x 12 in / 15.2 cm x 30.5 cm	1
22-891735	Leak Sealing Bag 10 in x 10 in / 25.4 cm x 25.4 cm	1
22-891740	Leak Sealing Bag 15 in x 21 in / 38.1 cm x 53.3 cm	1
22-891745	Leak Sealing Bag 24 in x 24 in / 61 cm x 61 cm	1
22-891775	Wrap Around Velcro Strap 4 ft / 1.2 m	2
22-891779	Wrap Around Velcro Strap 8 ft / 2.4 m	3
22-890805	Ratchet Belt 30 ft / 9.1 m ORANGE	1
22-890806	Extension Belt 20 ft / 6.1 m ORANGE	1
22-890810	Ratchet belt 30 ft / 9.1 m YELLOW	1
22-890811	Extension Belt 20 ft / 6.1 m YELLOW	1
22-895720G2	Leak Seal Controller G2	2
22-890519	Air Hose 3/8 in / 9.5 mm dia. x 16 ft / 5 m ORANGE	2





2 - Air Hose Orange
3/8 in / 9.6 dia. 16 ft / 5 m
22-890519



3 - Wrap Around Velcro Strap 8 ft / 2.4 m
22-891779



2 - Wrap Around Velcro Strap 4 ft / 1.2 m
22-891775



2 - Leak Seal Controller G2
22-895720G2





Ratchet Belt Orange
30 ft / 9.1 m
22-890805



Extension Belt Orange
20 ft / 6.1 m
22-890806



Ratchet Belt Yellow
30 ft / 9.1 m
22-890810



Extension Belt Yellow
20 ft / 6.1 m
22-890811

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

LEAK SEALING BAG SAFETY



DO NOT LIFT | MAXIMUM OPERATING PRESSURE | MAXIMUM OPERATING PRESSURE | READ INSTRUCTIONS | WEAR SAFETY FOOTWEAR | WEAR PROTECTIVE CLOTHING | WEAR SAFETY GLOVES | WEAR HEAD AND EYE PROTECTION | INSPECT BEFORE USE

LEAK SEALING PLUG KIT

Used by the U.S. Air Force, these tapered hardwood & neoprene plugs are excellent for controlling hazardous material leaks, both liquid and vapor. Neoprene plugs are molded to accept extension handles and can be used with Powered Impact Tools.

Kit Part No.	Net Weight: lb	kg
22-000715	17.0	7.7

Part No.	Description	Quantity
22-000720	Long Wood Plug 3/4 in / 1.9 cm to 2 in / 5.1 cm dia. x 8 in / 20.3 cm	1
22-000725	Long Wood Plug 1 3/4 in / 8.3 cm to 3 in / 7.6 cm dia. x 8 in / 20.3 cm	1
22-000730	Long Wood Plug 2 3/4 in / 7.0 cm to 4 in / 10.2 cm dia. x 8 in / 20.3 cm	1
22-000775	Long Neoprene Plug 3/4 in / 1.9 cm to 2 in / 5.1 cm dia. x 8 in / 20.3 cm	1
22-000776	Long Neoprene Plug 1 3/4 in / 8.3 cm to 3 in / 7.6 cm dia. x 8 in / 20.3 cm	1
22-000777	Long Neoprene Plug 2 3/4 in / 7.0 cm to 4 in / 10.2 cm dia. x 8 in / 20.3 cm	1
22-000785	Non-Sparking Brass Mallet 3 lb / 1.4 kg	1
22-000910	Composite Case	1



FORCIBLE ENTRY TOOLS

FORCIBLE ENTRY TOOLS

Paratech offers a wide range of forcible entry tools. From the compact and lightweight personal entry tools to the all-purpose Hooligan tools to the PRT Kit, Paratech has every tool you need to break through any barrier.



HOOLIGAN COMPARISONS

	SIZES	FINISH	APPLICATION
SPF (Single Piece Forged)	1	Nickel Plated	Rescue
Standard	4	Nickel Plated	Rescue
Light Weight	2	Nickel Plated	Rescue

PERSONAL TOOL COMPARISONS

	WEIGHT	LENGTH	APPLICATION
Pry–Axe	6.6 lbs / 3.0 kg	18.4 in / 46.7 cm	Rescue/Police/Military
Biel Tool	3.1 lbs / 1.4 kg	15 in / 38.1 cm	Rescue/Police/Military
TiTAN Crash Axe	2.5 lbs / 1.13 kg	15.7 in / 39.9 cm	Rescue/Police/Military

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

For more than 50 years Paratech has set the standard for high quality heavy-duty forcible entry tools. These tools are designed to pry, pound, puncture, twist and cut open or remove all types of barriers between emergency personnel and the life they are saving. From our popular full line of Hooligan Tools to our powerful Percussive Rescue Tool (PRT), to our compact & versatile Pry-Axe... Paratech has led the way in design and manufacturing of dependable and unstoppable forcible entry tools.



HOOLIGAN TOOL

Setting the standard of excellence for Halligan type tools, the heavy duty Paratech Hooligan tools have features such as a stress proof bar, lightweight aluminum handles with machine grooved hand grips and gently curved claws that maximize prying leverage.

Paratech also offers the SPF, a single piece forged Hooligan, a top choice by many.

PERSONAL ENTRY TOOLS

Paratech offers 3 different types of personal forcible entry tools, the Pry-Axe, Biel Tool, and the TiTAN Crash Axe. The Pry–Axe has an extendable claw to offer the powerful 'Slam & Ram' capability for quick and decisive entry in tight quarters. The claw can be removed and inserted into the keyway in the axe head for twisting leverage.





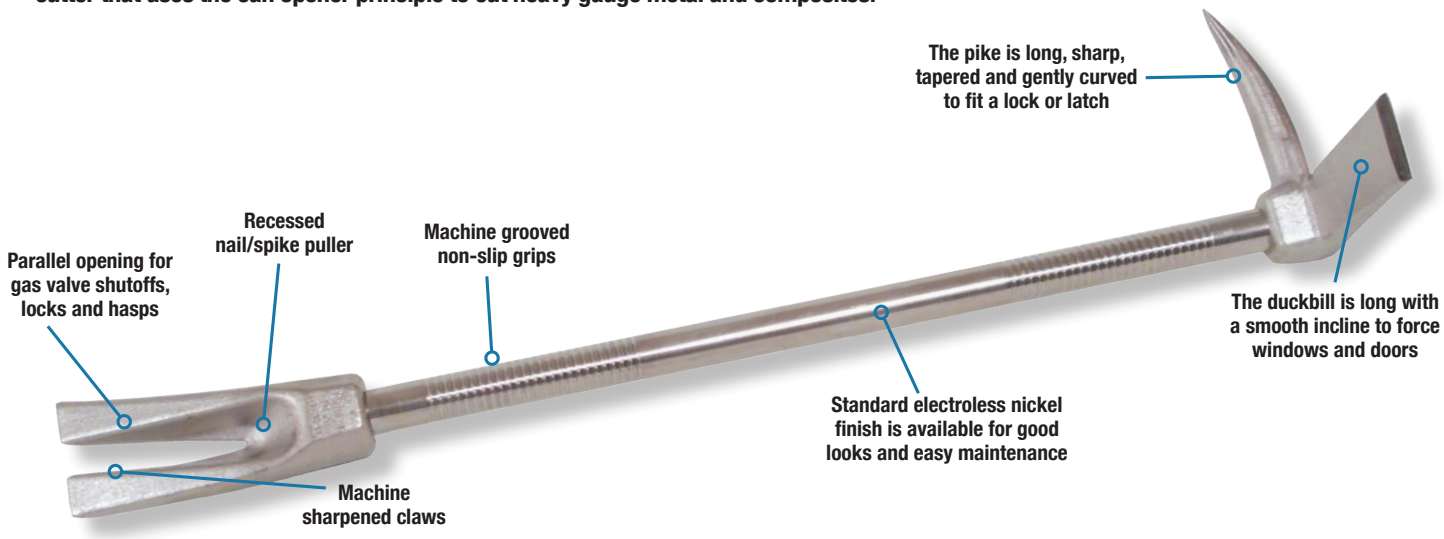
PRT
PERCUSSIVE RESCUE TOOL

The PRT is a powerful hand held rescue tool that can be put to work with a minimal amount of training. The 'Slam & Ram' action of the PRT directs all of its force directly at the point of impact, without deflection, making it safer and more effective than a sledge and wedge.

HOOLIGAN TOOL

The Hooligan Tool is one of the world´s most popular forcible entry tools. These heavy-duty tools were designed to pound, puncture, pry, twist, and cut all types of barriers encountered by emergency service personnel. The head and claw are forged from high alloy steel, heat treated for maximum strength, then fitted to a 1" (2.5 cm) stress proof bar. The bar has machine grooved non-slip grips. The Hooligan Tool features a claw that is gently curved for maximum prying leverage. The claw opening is parallel and fits over locks, hasps and many door bars. It can also be used as a nail puller and a gas shut off during emergencies. The "Highway Hooligan Tool" features a metal cutting claw with a machine sharpened metal cutter that uses the can opener principle to cut heavy gauge metal and composites.

RECOMMENDED USERS:
- FIRE DEPARTMENTS
- LAW ENFORCEMENT AGENCIES
- RESCUE SQUADS
- HAZMAT TEAMS
- PLANT/REFINERY MAINTENANCE CREWS
- MILITARY AND PUBLIC UTILITIES



Standard Claw:

Parallel opening for gas valve shutoffs, locks and hasps. Machine sharpened claws. Recessed nail puller. Claw radius for prying leverage.





Metal Cutting Claw:

Combines the capability of prying and metal cutting. Machine sharpened metal cutter uses can opener principle to cut heavy gauge metal and composites.





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HOOLIGAN TOOL WITH STANDARD CLAW ELECTROLESS NICKEL FINISH



Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000599	24 in / 61.0 cm Hooligan Tool		24.0	61.0		9.2	4.2
22-000600	30 in / 76.2 cm Hooligan Tool (pictured)		30.0	76.2		10.6	4.8
22-000601	36 in / 91.4 cm Hooligan Tool		36.0	91.4		11.9	5.4
22-000602	42 in / 106.7 cm Hooligan Tool		42.0	106.7		13.2	6.0

TACTICAL HOOLIGAN TOOL WITH STANDARD CLAW



Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000599T	Tactical Hooligan Tool		24.0	61.0		9.2	4.2
22-000600T	Tactical Hooligan Tool (pictured)		30.0	76.2		10.6	4.8
22-000601T	Tactical Hooligan Tool		36.0	91.4		11.9	5.4
22-000602T	Tactical Hooligan Tool		42.0	106.7		13.3	6.0

HOOLIGAN TOOL LIGHTWEIGHT ALUMINUM HANDLE AND STANDARD CLAW WITH ELECTROLESS NICKEL FINISH



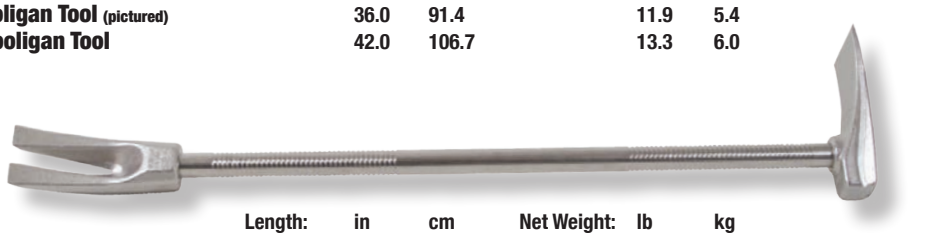
Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000424	24 in / 61.0 cm Hooligan Tool - Lightweight (pictured)		24.0	61.0		6.8	3.1
22-000430	30 in / 76.2 cm Hooligan Tool - Lightweight		30.0	76.2		7.3	3.3

HIGHWAY HOOLIGAN WITH METAL CUTTING CLAW WITH ELECTROLESS NICKEL FINISH



Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000622	30 in / 76.2 cm Highway Hooligan Tool		30.0	76.2		10.6	4.8
22-000623	36 in / 91.4 cm Highway Hooligan Tool (pictured)		36.0	91.4		11.9	5.4
22-000624	42 in / 106.7 cm Highway Hooligan Tool		42.0	106.7		13.3	6.0

KELLY TOOL (WESTCOAST BAR)



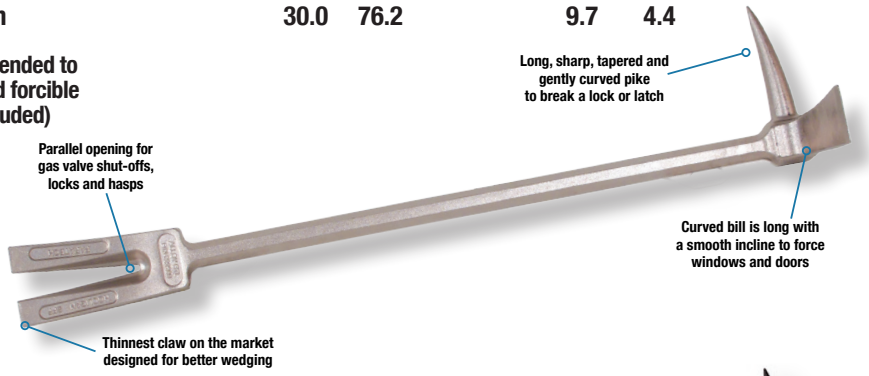
Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000560	30 in / 76.2 cm Kelly Tool		30.0	76.2		11.8	5.4
22-000561	36 in / 91.4 cm Kelly Tool (pictured)		36.0	91.4		13.1	5.9
22-000562	42 in / 106.7 cm Kelly Tool		42.0	106.7		14.5	6.6

SPF HOOLIGAN (SINGLE PIECE FORGED)

Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000680	SPF Hooligan 30 in / 76.2 cm		30.0	76.2		9.7	4.4

The SPF Hooligan is a single piece forged (SPF) tool intended to exceed FDNY specifications for their primary hand held forcible entry tools. It is the very first redesigned, (features included) single piece Halligan type tool.

FEATURES:
- Single Piece, closed die Forging for absolute consistent lengths
- Recessed nail puller type claw, a thin curved profile
- Cable groove at the rear of the tool head
- Electroless nickel plating



TACTICAL SPF (SINGLE PIECE FORGED) HOOLIGAN



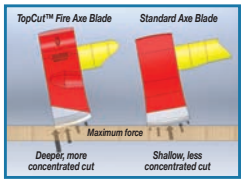
Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000680T	Tactical SPF Hooligan		30.0	76.2		9.7	4.4

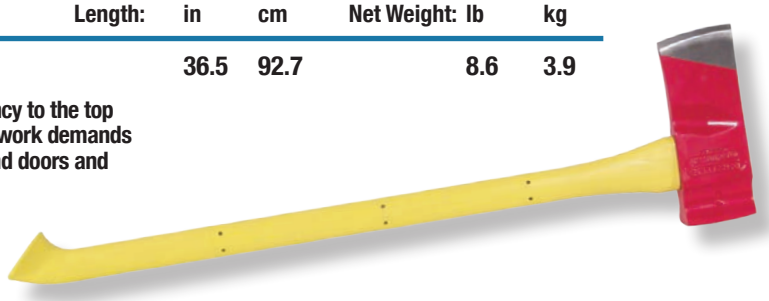
TOPCUT™ FIRE AXE

Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000610	TopCut™ Fire Axe		36.5	92.7		8.6	3.9

The TopCut™ Fire Axe design directs maximum chopping efficiency to the top portion of the axe blade where you need it most. Fire ground axe work demands a tool designed for what firefighters do. They chop walls, roofs and doors and the work requires a cutting edge tool designed for these tasks.

FEATURES:
- Contoured axe head for mating of Halligan type tools
- Shaped to cut from the top half of the axe blade
- Heat-treated for strength and durability
- Designed for work on the fire ground
- More efficiency, less weight





SET OF IRONS

Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000613	**Set of Irons** *Set includes:*		36.5	92.7		18.3	8.3
22-000610	TopCut™ Fire Axe						
22-000680	SPF Hooligan 30 in / 76.2 cm						
22-000618	Strap Irons/Glove						

A POWERFUL COMBINATION!
Paratech's TopCut™ Fire Axe and SPF Hooligan are your essential tools to chop, pry, pound, puncture, twist or cut in the most demanding situations.



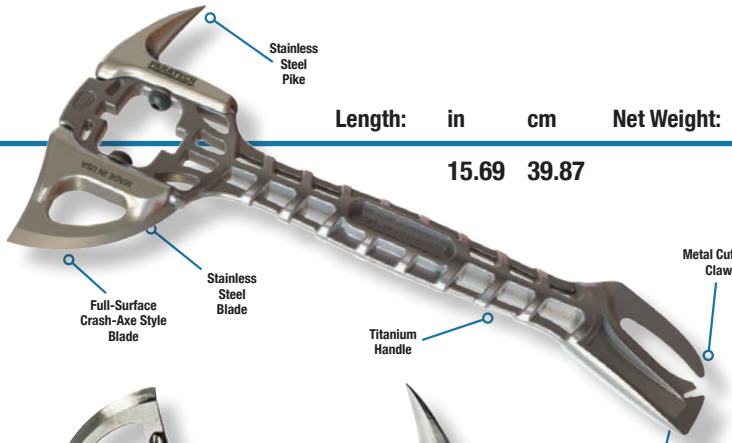
Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

TiTAN CRASH AXE

Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000120	Crash Axe		15.69	39.87		2.5	1.13

Paratech's new **TiTAN CRASH AXE** takeslightweight, multi–function rescue hand tools to the next level. Designed with input from the Air Force's pararescuemen, Paratech's TiTAN CRASH AXE is high–tech and low–drag.

FEATURES:
- Super Lightweight Titanium Handle
- Replaceable & Interchangeable Stainless Steel Blade and Pike
- Total weight of under 3 lbs.
- Large, Full-Surface Crash-Axe Style Blade
- Integrated Metal Cutting Claw with Wire Cutting feature
- High Visibility & Tactical versions
- "Future ready" for new blades, pikes, picks and more





TiTan Crash Axe Blade
Length: 3.1 in 7.87 cm
Net Weight: 1.5 lb .68 kg
Part No. 22-000123



TiTan Crash Axe Pike
Length: 3.23 in 8.2 cm
Net Weight: 0.49 lb 0.22 kg
Part No. 22-000127


STAINLESS STEEL PIKE


ANGLED METAL CUTTING CLAW


STAINLESS STEEL TOPCUT BLADE


INTEGRATED WIRE CUTTER

TACTICAL RESPONSE KIT (TRK)

The Tactical Response Kit is a compact way to take every tool you need for any situation to pry, pound, twist and cut open or remove all types of barriers. This kit is also interchangeable so you can use any combination using the included lock-bars. Use a Hooligan to pry, a sledge to break concrete or a Pry-Axe to chop. Everything you need in one kit!

Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000950T	**Tactical Response Kit (TRK)**		24.0	61.0		31.8	14.3
Kit includes							
22-000960T	TRK (1) 15" Lock-Bar		15.0	38.1		2.3	1.0
22-000960T	TRK (1) 15" Lock-Bar		15.0	38.1		2.3	1.0
22-000971T	TRK (1) Lock-Bar Connector		—	—		0.6	0.3
22-000972T	TRK D-Handle		6.5	16.5		1.6	0.7
22-000322T	TRK Standard Claw		15.0	38.1		2.6	1.2
22-000324T	TRK Cutting Claw		15.0	38.1		2.5	1.1
22-000973T	TRK Pry-Axe Head		3.4*	8.6*		3.0	1.4
22-000980T	TRK Hooligan Head		1.8*	8.6*		3.3	1.5
22-000994T	TRK Sledge Head		2.1*	5.3*		4.9	2.2
22-000930T	TRK Shark Tooth Shovel		19.2*	48.8*		4.0	1.8
22-000940T	TRK Back Pack		25.0	63.5		4.7	2.1
Optional							
22-000975T	TRK Kelly Head		1.6*	4.1*		3.6	1.6
22-000922T	TRK Tactical Bolt Cutter (TBC)		10.5*	26.7*		4.8	2.2
22-000984T	TRK Rake		2.5*	6.4*		2.8	1.3

*Working length









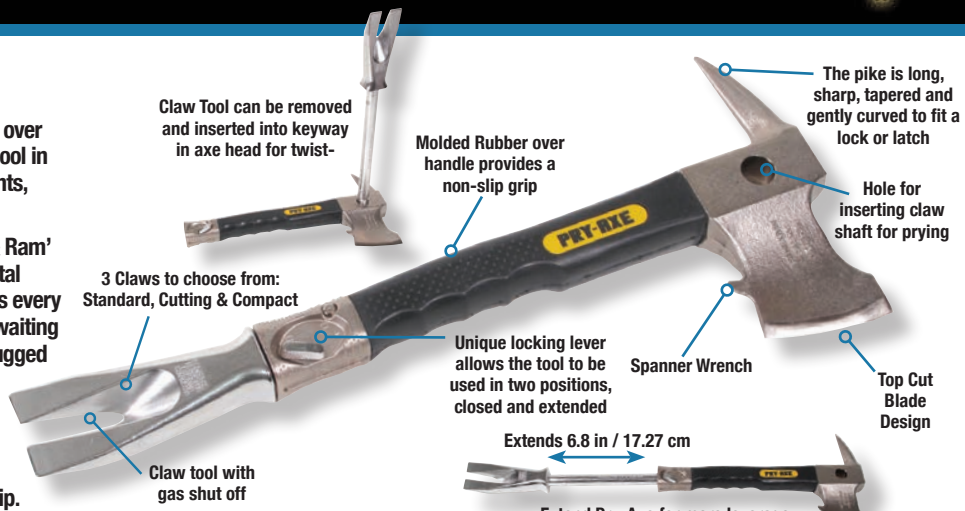
CUSTOMIZE YOUR TRK WITH THE TOOLS YOU NEED FOR YOUR SITUATION!

PRY-AXE

Here is a tool that has withstood the test of time. For over 40 years the Pry-Axe has remained the best selling tool in our line. The Pry-Axe is being used by fire departments, police departments and rescue squads worldwide.

The Pry-Axe is a lightweight, multi-purpose, 'Slam & Ram' tool designed to pry, enlarge openings, cut sheet metal and twist off locks and latches. This efficient tool lets every firefighter force entry, rescue and ventilate without waiting for help. The Pry-Axe is small enough to carry and rugged enough for most jobs.

The Pry-Axe head and claw assemblies are separate sections forged from high alloy steel and heat treated for maximum strength. A molded rubber sleeve over the handle provides a non-slip grip. The Pry-Axe is electroless nickel plated for good looks and easy maintenance.





Pry-Axe with Metal Cutting Claw
Length: 18.4 in 46.7 cm
Net Weight: 6.6 lb 3.0 kg
Part No. 22-000522



Pry-Axe with Standard Claw
Length: 18.4 in 46.7 cm
Net Weight: 6.6 lb 3.0 kg
Part No. 22-000520



Pry-Axe with Standard & Metal Cutting Claw
Length: 18.4 in 46.7 cm
Net Weight: 9.6 lb 4.4 kg
Part No. 22-000518



Pry-Axe with Standard Claw & Sheath
Length: 18.4 in 46.7 cm
Net Weight: 6.8 lb 3.1 kg
Part No. 22-000515



Pry-Axe with Standard Claw & Vehicle Bracket
Length: 18.4 in 46.7 cm
Net Weight: 7.1 lb 3.2 kg
Part No. 22-000516



Replacement Pry-Axe Head
Length: 13.3 in 33.8 cm
Net Weight: 4.1 lb 1.9 kg
Part No. 22-000525



Standard Claw
Length: 15.1 in 38.4 cm
Net Weight: 2.5 lb 1.4 kg
Part No. 22-000322s



Pry-Axe Sheath
Length: 8.7 x 18.8 in 26.7 x 47.8 cm
Net Weight: 0.5 lb 0.5 kg
Part No. 22-000505



Vehicle Bracket SET OF 2
Length: 4.3 in 10.8 cm
Net Weight: 0.6 lb 0.3 kg
Part No. 22-000605



Compact Claw
Length: 13.25 in 33.66 cm
Net Weight: 2.13 lb .97 kg
Part No. 22-000321



Metal Cutting Claw
Length: 15.1 in 38.4 cm
Net Weight: 2.45 lb 1.1 kg
Part No. 22-000324



Pry-Axe Holster
Length: 19.0 in 48.3 cm
Net Weight: 0.7 lb 0.3 kg
Part No. 22-000506

BIEL TOOL

Part No.	Length: in	cm	Net Weight: lb	kg
22-000550	15.1	38.3	3.3	1.5

The Biel Tool is one piece made out of heat treated, electro-polished, stainless steel with an extremely durable ergonomically rubber molded handle.
The Biel Tool incorporates many of the features found in the world famous Paratech 'Pry-Axe', but is much smaller and light enough to wear on a belt or carry in the pocket of a bunker coat. This is the perfect personal size multi-purpose forcible entry and rescue tool, designed for forcing doors and windows, prying and twisting hasps and locks, light overhauling, nail removal, gas shutoff, metal cutting and chopping.





Biel Tool and Sheath
Length: 15.1 in 38.3 cm
Net Weight: 3.4 lb 1.5 kg
Part No. **22-000551**



Biel Sheath
Length: 7.3 in 18.5 cm
Net Weight: 0.1 lb 0.05 kg
Part No. **22-000555**



Biel Holster
Length: 16.0 in 40.6 cm
Net Weight: 0.5 lb 0.24 kg
Part No. **22-000545**

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

PRT RAM BAR

Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000626	**PRT Ram Bar Set** *includes:*		40.0	101.6		14.2	6.4
22-000627	PRT Bar						
22-000636	Lockbreaker Claw						

'SLAM AND RAM'
Action of the PRT directs all of its force directly at the point of impact



The PRT is a powerful hand held rescue tool that can be put to work with a minimal amount of training. Primarily designed for fast, forcible entry, one person can quickly pry open locks and doors in seconds and easily break through brick and concrete block walls within a few minutes.

The 'Slam & Ram' action of the PRT directs all of its force directly at the point of impact - without deflection, making it safer and more effective than a sledge and wedge.

This heavy duty rescue tool is easily stored and transported, so it can always be...the first tool to the rescue.

PRT RESCUE KIT

Part No.	Description	Length:	in	cm	Net Weight:	lb	kg
22-000625	**PRT Rescue Kit**		31.5	80.0		29.0	13.2

The PRT Rescue Kit includes a variety of interchangeable tool bits to penetrate most barriers.

Kit includes

22-000627	PRT Bar
22-000636	Lockbreaker Claw
22-098107	3" Chisel
22-098111	1" Chisel
22-098101	Bullpoint
22-000637	Cutting Claw
22-015472	Carrying Pouch



PRT ACCESSORIES



Coupling required

PRT PIERCING APPLICATOR 6
6 in / 15.2 cm WALL PENETRATION
Overall length: 18.7 in / 47.5 cm
Net Weight: 5.12lb 2.32kg
Part No. **22-098106**



Coupling required

PRT PIERCING APPLICATOR 14
14 in / 35.6 cm WALL PENETRATION
Overall length: 27.1 in / 69 cm
Net Weight: 6.24lb 2.83kg
Part No. **22-098114**



1 1/2 in NH (NST) COUPLING
Part No. **22-550320**
1 1/2 in NPSH (IPT) COUPLING
Part No. **22-550330**
Length: 3.1 in 7.9 cm
Net Weight: 1.5 lb 0.7 kg



PRT Picket Driver Bit
Length: 8.8 in 22.4 cm
Net Weight: 1.5 lb 0.7 kg
Part No. **22-000634**

POWERED IMPACT TOOLS

FROM BREAKING CONCRETE, TO CUTTING THE REMAINS OF A MELTED TANKER SHELL APART, IT DELIVERS THE PUNCH.



PAKHAMMER

At only 11.3 lb / 5.1 kg and at 1000-1100 high impact blows per minute this PIT dramatically increases the range of rescue work for initial responding units

AIRGUN

Combining ease of handling, very low air consumption, 1600-1700 high impact blows per minute and weighing only 7 lb / 3.2 kg the Airgun 40 is an ideal tool for confined rescue



AIRGUN SC

It is the ideal crash rescue tool weighing 19.8 lb / 8.9 kg and exceeds current U.S. Air Force requirements for handheld pneumatic aircraft skin penetrator



Made from S7 tool steel and heat treated for long life, all PIT kits come equipped with a wide variety of standard and specialized tool bits.

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

Paratech's Powered Impact Tools (PIT) are designed for forcible entry during fire fighting and rescue operations. They are used for cutting metal and composites, breaking masonry walls, penetrating concrete floors, forcible entry and digging during tunneling operations. Paratech's PITs consume air only on the power stroke. This unique, patented design provides a pneumatic impact and penetrating device with an adjustable power output and very low air consumption.



The combined features of light weight, very low air consumption and a wide range of power settings make Paratech's PITs extremely effective for rescue and fire fighting operations.
Rescue workers may find themselves temporarily blocked by a masonry wall or faced with the need to penetrate a concrete floor. Building collapse often requires power assisted digging for access to victims.

CRASH RESCUE FROM AIRCRAFT:
Cut skins, spars, canopies.

CRASH FIRE FIGHTING:
Piercing applicator for dispensing extinguishing agents.

EXTRICATION:
From automobiles, trucks, transportation accidents.

DISASTER RESCUE:
Earthquake, collapse.

PNEUMATIC IMPACT PENETRATOR:
Use in rescue or industry.

RESCUE/FORCIBLE ENTRY:
Break doors, locks, padlocks, hasps.

DAMAGE CONTROL:
Access to compartments through watertight doors, heavy sheet metal.

BREAKS AND PUNCHES HOLES:
Concrete, asphalt.

PIT COMPARISONS

	AIRGUN	AIRGUN SC	PAKHAMMER
BLOWS PER MINUTE	1600-1700	1600-1700	1000-1100
WEIGHT (TOOL ONLY)	7 LB / 3.2 KG	19.6 / 8.9 KG	11.3 LB / 5.1 KG
SELF CONTAINED AIR SOURCE	NO	YES	NO
AIR CONSUMPTION (@175 PSI 12 BAR)	13 SCFM (368 1/min.)	13 SCFM (368 1/min.)	18 SCFM (510 1/min.)
AIR PRESSURE RANGE	40-200 PSI /2.7 - 13.7 BAR	40-200 PSI /2.7 - 13.7 BAR	40-200 PSI /2.7 - 13.7 BAR
AVAILABLE BITS	16	16	16



Conventional pneumatic, hydraulic or electric power tools always require a hook-up to a bulky remote power source. Only Paratech PITs are designed for situations where the power source must be as portable as the tool. Designed to operate intermittently for up to 15 minutes on a single SCBA cylinder, there is nothing to stop a Paratech Powered Impact Tool from being where the action is.

The Airgun and Pakhammer are designed to operate from any compressed air source at a pressure range of 40 to 200 psi / 2.7 to 13.7 bar.

PAKHAMMER KIT

Kit Part No.	Net Weight:	lb	kg
22-550505	US	29.9	
22-550505D	Metric		13.6

Part No.	Description	Quantity
22-550500G2	Pakhammer, with Inline Oiler	1
22-895400G2	Pressure Regulator 5,500-0 psi / 379.2-0 bar	1
22-890520	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m YELLOW	1
22-550582	Bit, 14 in / 35.6 cm Chisel, 1 in / 2.5 cm wide	1
22-550584	Bit, 11 in / 27.7 cm Curved metal cutter	1
22-550586	Bit, 14 in / 35.6 cm Bullpoint	1
22-550291	Oil, lubricating, 4 oz / 124 g	1
22-550094	Hex key 7/32 in / 0.6 cm	1
22-550099	Hex key 3/16 in / 0.5 cm	1
22-550096	Manual, Operating and Instruction	1
22-700235	Goggles, plastic safety	1
22-550380	Ballistic Nylon Carrying Case 29 x 11 x 13 in / 73.7 x 27.9 x 33 cm	1

A 1000–1100 high impact blows per minute, 11 pound impact tool that dramatically increases the range of forcible entry and rescue work initial responding units can handle without calling up heavy equipment. The Pakhammer is the only pneumatic impact tool of its size that is designed to operate from portable air cylinders. It is an ideal tool for bus and train rescue, high rise work, collapse rescue or any situation that requires a powerful impact tool that operates from a limited air supply.



Pakhammer Kit Technical Data

Length (without bit)	27.6 in / 70.1 cm	Blows/Minute (approx.)	1000–1100
Weight (Pakhammer without bit)	11.3 lb / 5.1 kg	Kit Weight	29 lb / 13.6 kg
Air Pressure Range	40-200 psi / 2.7-13.7 bar	Shank Size	0.401 in / 1.0 cm
Air Consumption at 175 psi (12 bar)	18 SCFM / 510 l/min		

ARFF GRAB AND GO KIT

Kit Part No.	Net Weight:	lb	kg
22-550ARFF	US	29.9	
22-550ARFFD	Metric		13.6

Part No.	Description	Quantity
22-550500G2	Pakhammer, with Inline Oiler	1
22-895400G2	Pressure Regulator 5,500-0 psi / 379.2-0 bar	1
22-890547	Air Hose 3/8 in / 9.5 mm dia. x 8 ft / 10 m YELLOW	1
22-550251	Piercing Bit	1
22-550584	Heavy Duty Metal Cutter Tool Bit,	1
22-550273	Panel Cutter w/Relief for Aircraft Windows Tool Bit	1
22-550291	Oil, lubricating, 4 oz / 124 g	1
22-550094	Hex key 7/32 in / 0.6 cm	1
22-550099	Hex key 3/16 in / 0.5 cm	1
22-550379	Ballistic Nylon Carrying Case 14"H x 34"L	1
22-550246	Neoprene Plug 4 in / 10.2 cm 3/4 in-1.5 in / 1.9-3.8 cm Diameter	2
22-550598	Plug Driver	1
22-550330	Coupling	1
22-550380A	Tool Bit Pouch	1

This multipurpose kit is designed to handle numerous functions in ARFF. Includes a cutting bit designed to cut aircraft windshields and canopies, a cutting bit to cut sheet metal, a plug driver bit and neoprene plugs for leak sealing, piercing nozzle that can penetrate the GLARE composite skin as well as, CFRP (Carbon Fiber Reinforced Plastic). The 14" Piercing nozzle can flow water or chemical firefighting agents like foam etc. to help put out fires. This Grab and Go kit also includes the Paratech Pakhammer, designed to use with a limited air supply, uses less air and hits harder than any other tool of its kind and can go much longer before an air change is needed. Other pieces of equipment in this versatile kit are an adjustable regulator that can operate the tool at a range of 40 psi to 200 psi.



ARFF Grab and Go Kit Technical Data

Length (Pakhammer without bit)	27.6 in / 70.1 cm	Blows/Minute (approx.)	1000–1100
Weight (Pakhammer without bit)	11.3 lb / 5.1 kg	Kit Weight	29 lb / 13.6 kg
Air Pressure Range	40-200 psi / 2.7-13.7 bar	Shank Size	0.401 in / 1.0 cm
Air Consumption at 175 psi (12 bar)	18 SCFM / 510 l/min		

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

AIRGUN KIT

Kit Part No.	Net Weight:	lb	kg
22-550005	US	22.8	
22-550005D	Metric		10.3

A 1600–1700 high impact blows per minute, 7 pound, pneumatic impact tool. Combining ease of handling, very low air consumption and high power output. It is an ideal tool for rescue work. Vehicle crash sites, metal clad buildings, aircraft penetration, exhaust ducts and composite structural material are typical barriers often faced by rescue personnel. The Airgun, using one of several specially designed tool bits, should be your tool of choice when faced by these situations. The Airgun is an ideal confined space tool.

Part No.	Description	Quantity
22-550000G2	Airgun, with Inline Oiler	1
22-895400G2	Pressure Regulator 5,500-0 psi / 379.2-0 bar	1
22-890520	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m YELLOW	1
22-550264	Bit, 11 in / 27.9 cm Chisel, 3/4 in / 1.9 cm wide	1
22-550252	Bit, 10 in / 25.4 cm Curved metal cutter	1
22-550262	Bit, 11 in / 27.9 cm Bullpoint	1
22-550291	Oil, lubricating, 4 oz / 124 g	1
22-550094	Hex key 7/32 in / 0.6 cm	1
22-550099	Hex key 3/16 in / 0.5 cm	1
22-550095	Manual, Operating and Instruction	1
22-700235	Goggles, plastic safety	1
22-550370	Ballistic Nylon Carrying Case 23 x 10.25 x 13 in / 58.4 x 26 x 33 cm	1



Airgun Kit Technical Data

Length (without bit)	21.2 in / 53.8 cm	Blows/Minute (approx.)	1600–1700
Weight (Airgun without bit)	7.0 lb / 3.2 kg	Kit Weight	22.8 lb / 10.3 kg
Air Pressure Range	40-200 psi / 2.7-13.7 bar	Shank Size	0.401 in / 1.0 cm
Air Consumption at 175 psi (12 bar)	13 SCFM / 368 l/min		

AIRGUN SC KIT

Kit Part No.	Net Weight:	lb	kg
22-550006	US	77.0	
22-550006D	Metric		35.0

The Airgun SC (Self Contained) is designed to exceed current U.S. Air Force requirements for an aircraft skin penetrator. It is an ideal crash rescue tool. Carrying its own limited air supply, a firefighter can rapidly insert several penetrator/applicator nozzles depending on the location and spread of fire or fuel. These penetrator/ applicator nozzles will flow water, AFFF solutions and Halon. When the self contained air supply is exhausted the air supply assembly can be quickly detached in favor of another air source. The firefighter now has the full benefit of a standard Airgun to continue rescue operations.

Part No.	Description	Quantity
22-550000G2	Airgun, with Inline Oiler	1
22-800013	Working Air Cylinder 13 cu ft / 368 liters with valve and gauge	1
22-550106	Cylinder Rack, self contained unit	1
22-895400G2	Pressure Regulator 5,500-0 psi / 379.2-0 bar	1
22-895330	Pressure Regulator 5,500-175 psi / 379.2-12.0 bar	1
22-890520	Air Hose 3/8 in / 9.5 mm dia. x 32 ft / 10 m YELLOW	1
22-550291	Oil, lubricating, 4 oz / 124 g	1
22-550094	Hex key 7/32 in / 0.6 cm	1
22-550099	Hex key 3/16 in / 0.5 cm	1
22-550095	Manual, Operating and Instruction	1
22-700235	Goggles, plastic safety	1
22-550310	Waterproof Composite Carrying Case 31.6 x 20.5 x 12.5 in / 80.2 x 52 x 31.6 cm	1
22-550244	Driver for Neoprene Plug	1
22-550246	Neoprene Plug 4 in / 10.2 cm 3/4 in-1.5 in / 1.9-3.8 cm Diameter	1
22-550252	Bit, 10 in / 25.4 cm Curved metal cutter 1 in / 2.5 cm wide	1
22-550256	Bit, 11 in / 27.9 cm Dual cutter with bullpoint	1
22-550260	Bit, 10 in / 25.4 cm Heavy duty metal cutter 0.5 in / 1.3 cm depth of cut	1
22-550262	Bit, 11 in / 27.9 cm Bullpoint	1
22-550264	Bit, 11 in / 27.9 cm Chisel, 3/4 in / 1.9 cm wide	1
22-550270	Bit, Deep 1.2 in / 3.0 cm Panel cutter for metals	1
22-550272	Bit, Deep 1.1 in / 2.8 cm Panel cutter with relief	1
22-550274	Bit, 20.0 in / 50.8 cm Spade, 3 in / 7.6 cm wide	1
22-550240	Bit, 6.0 in / 15.2 cm Piercing Applicator 3/4 in / 1.9 cm O.D. x 1/2 in / 1.3 cm	1
22-550250	Bit, 14.0 in / 35.6 cm Piercing Applicator 1 in / 2.5 cm	1
22-550320	Coupling, 1 1/2 in NH	1

Airgun SC Kit Technical Data

Length (without bit)	23.0 in / 58.4 cm
Weight (without bit)	19.6 lb / 8.9 kg
Air Pressure Range	40-200 psi / 2.7-13.7 bar
Air Consumption at 100 psi / 6.9 bar	5.2 CFM / 147.3 l/min
Blows/Minute (approx.)	1600-1700
Kit Weight	77 lb / 35 kg
Shank Size	0.401 in / 1.0 cm



PIT BITS



CURVED METAL CUTTER
Airgun & Airgun SC:
10.25 in / 25.9 cm - 1.2 in / 3 cm wide
Net Weight: 0.6lb 0.272kg
22-550252

Pakhammer:
10.25 in / 26 cm - 1.2 in / 3 cm wide
Net Weight: .6lb 0.272kg
22-550584



DUAL CUTTER
Airgun & Airgun SC:
10 in / 25.4 cm
Net Weight: 0.8lb 0.4kg
22-550254

Pakhammer:
11 in / 27.9 cm
Net Weight: 1.0lb 0.5kg
22-550592



DUAL CUTTER WITH BULLPOINT
Airgun & Airgun SC:
11 in / 27.9 cm
Net Weight: 0.9lb 0.4kg
22-550256

Pakhammer :
11 in / 27.9 cm
Net Weight: 1.0lb 0.5kg
22-550594



HEAVY DUTY METAL CUTTER
Airgun & Airgun SC:
10 in / 25.4 cm - 0.5 in / 1.3 cm - depth of cut
Net Weight: 0.9lb 0.4kg
22-550260

Pakhammer:
11 in / 27.9 cm - 0.5 in / 1.3 cm - depth of cut
Net Weight: 1.0lb 0.5kg
22-550273



LOCK BREAKER
Airgun & Airgun SC:
10 in / 25.4 cm
Net Weight: 0.8lb 0.4kg
22-550258

Pakhammer:
11 in / 27.9 cm
Net Weight: 1.0lb 0.5kg
22-550596



BULLPOINT
Airgun & Airgun SC:
11 in / 27.9 cm
Net Weight: 0.9lb 0.4kg
22-550262

Pakhammer:
14 in / 35.6 cm
Net Weight: 1.2lb 0.544kg
22-550586



BULLPOINT
Airgun & Airgun SC:
16 in / 40.6 cm
Net Weight: 1.2lb 0.5kg
22-550263

Pakhammer:
20 in / 50.8 cm
Net Weight: 1.8lb 0.8kg
22-550588



CHISEL
Airgun & Airgun SC:
11 in / 27.9 cm - 0.75 in / 1.9 cm wide
Net Weight: 0.9lb 0.4kg
22-550264

Pakhammer:
14 in / 35.6 cm - 1.0 in / 2.5 cm wide
Net Weight: 1.3lb 0.6kg
22-550582



CHISEL
Airgun & Airgun SC:
16 in / 40.6 cm - 0.75 in / 1.9 cm wide
Net Weight: 0.9lb 0.4kg
22-550265

Pakhammer:
20 in / 50.8 cm - 1.0 in / 2.5 cm wide
Net Weight: 1.3lb 0.6kg
22-550583



PANEL CUTTER FOR METALS
Airgun & Airgun SC:
7.41 in / 18.8 cm - 1.2 in / 3 cm deep
Net Weight: 0.7lb 0.3kg
22-550270

Pakhammer:
8 in / 20.3 cm - 1.2 in / 3 cm deep
Net Weight: 0.8lb 0.4kg
22-550590



PANEL CUTTER WITH RELIEF FOR AIRCRAFT WINDOWS
Airgun & Airgun SC:
7.41 in / 18.8 cm - 1.1 in / 2.8 cm deep
Net Weight: 0.7lb 0.3kg
22-550272

Pakhammer:
8 in / 20.3 cm - 1.2 in / 3 cm deep
Net Weight: 0.8lb 0.4kg
22-550591



SPADE 3 IN / 7.6 CM WIDE
Airgun & Airgun SC:
20 in / 50.8 cm
Net Weight: 0.9lb 0.4kg
22-550274

Pakhammer:
20 in / 50.8 cm
Net Weight: 1.3lb 0.6kg
22-550595



PIERCING APPLICATOR BIT 6 in / 15.2 cm WALL PENETRATION
Airgun & Airgun SC:
Overall length: 17 in / 43.2 cm
Net Weight: 4.26lb 1.93kg
22-550240



PIERCING APPLICATOR BIT 14 in / 35.6 cm WALL PENETRATION
Airgun & Airgun SC:
Overall length: 25.2 in / 64 cm
Net Weight: 5.38b 2.44kg
22-550250



PIERCING APPLICATOR BIT 6 in / 15.2 cm WALL PENETRATION
Pakhammer:
Overall length: 17.8 in / 45.2 cm
Net Weight: 4.43lb 2.01kg
22-550241



PIERCING APPLICATOR BIT 14 in / 35.6 cm WALL PENETRATION
Pakhammer:
Overall length: 26.3 in / 66.7 cm
Net Weight: 5.5lb 2.51kg
22-550251



PLUG DRIVER
Airgun & Airgun SC
Net Weight: 0.5lb 0.2kg
22-550244



PLUG DRIVER
Pakhammer
Net Weight: 1.0lb 0.5kg
22-550598



NEOPRENE PLUG 4 in / 10.2 cm
LG 0.75 - 1.5 in / 1.9 - 3.8 cm DIA
For use with all PITs in conjunction with plug driver
Net Weight: 0.5lb 0.2kg
22-550246

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

AIRGUN WITH INLINE OILER

Net Weight: 7.0lb 3.2kg

22-550000G2



PAKHAMMER WITH INLINE OILER

Net Weight: 11.1lb 5.0kg

22-550500G2



PIT CASES AND ACCESSORIES



AIRGUN BALLISTIC NYLON BAG
23.0 x 10.25 x 13.0 in / 58.4 x 26.0 x 33.0 cm
Net Weight: 4.8lb 2.2kg
22-550370



PAKHAMMER BALLISTIC NYLON BAG
29.0 x 11.0 x 13.0 in / 73.7 x 27.9 x 33.0 cm
Net Weight: 5.6lb 2.5kg
22-550380



WATERPROOF COMPOSITE CASE FOR AIRGUN SC
31.5 x 21.75 x 11.5 in / 80.0 x 55.2 x 29.2 cm
Net Weight: 31.5lb 14.3kg
22-550310



PRESSURE REGULATOR
Piston Type 5,500-300 psi / 379.2-20.7 bar
Net Weight: 3.6lb 1.6kg
22-895400G2



PRESSURE REGULATOR
Piston Type 5,500-300 psi / 379.2-20.7 bar DIN
Net Weight: 3.7lb 1.7kg
22-895400DG2



WORKING AIR CYLINDER WITH VALVE & GAUGE 13 CU.FT. / 368 LITRE
Net Weight: 7.35lb 3.33kg
22-800013



CYLINDER RACK SELF-CONTAINED
for use on Airgun only
Net Weight: 2.2lb 1.0kg
22-550106



COUPLING
for piercing applicator
NH *5/8 in / 1 1/2 in*
Net Weight: 1.5lb 0.7kg
22-550320
NPSH *5/8 in / 1 1/2 in*
Net Weight: 1.5lb 0.7kg
22-550330



TOOL - RETAINER SERVICE
For Airgun & Airgun SC
Net Weight: 0.4lb 0.2kg
22-550259
For Pakhammer
Net Weight: 0.8lb 0.4kg
22-550257



ALLEN WRENCH
7/32 in / 0.6 cm
Net Weight: 0.1lb 0.1kg
22-550094
3/16 in / 0.5 cm
Net Weight: 0.1lb 0.1kg
22-550099



AIR HOSE YELLOW
3/8 in / 9.6 mm dia. - 32 ft / 10 m
Net Weight: 4.5lb 2.1kg
22-89052

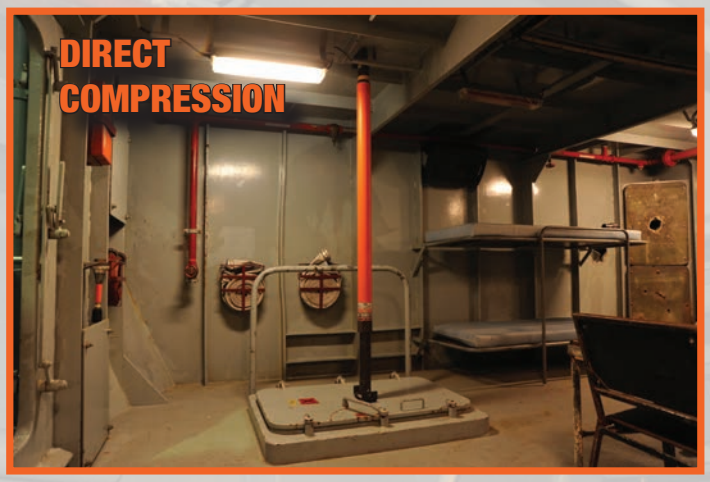


OIL LUBRICATION
Net Weight: 0.3lb 0.1kg
22-550291



GOGGLES PLASTIC SAFETY
Net Weight: 0.8lb 0.4kg
22-700235

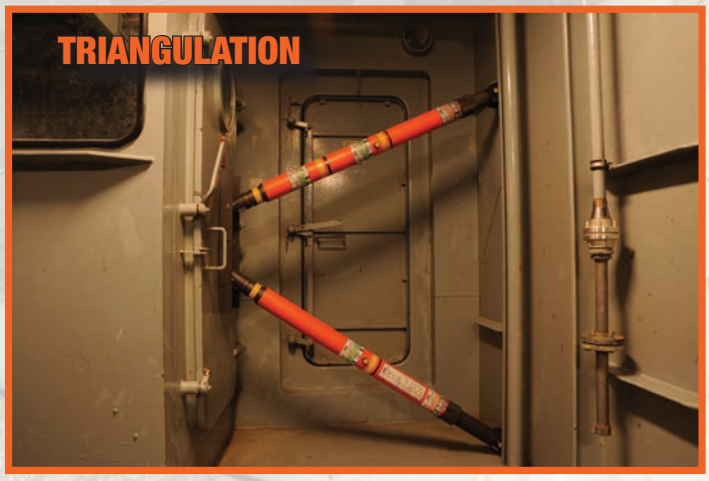
DAMAGE CONTROL SYSTEM (DCS)



I-Type, can be used vertically or horizontally and is the simplest and strongest as it is parallel to the load axis (see table).



H-Type, can be used vertically or horizontally and takes moderate pressure (see table) as the pressure acts perpendicular to the load axis.



K-Type, can be used vertically or horizontally and takes full pressure (see table) as the pressure acts parallel to the load axis.

The most important factor you get with Paratech's DCS is **time!** With incoming water comes increasing depth and with that, higher water pressure…one of the most unforgiving vicious cycles has begun. To break the cycle you need **time…time** to build shoring that can slow the incoming water enough for the pumps to keep up…

The Paratech Damage Control System will provide that break.

The **Paratech Damage Control System (DCS)** brings maritime damage control shoring into the 21st century. Speed, strength, flexibility and capability are the hallmarks of Paratech's DCS. Everything about the system has been engineered to simplify the difficult task Damage Control Teams have to face in the harsh and often dangerous working environments they have to perform in.

With the Paratech DCS you will achieve setup speeds never seen with any wood– based system. A standard K brace can be set and fitted within one minute by an experienced team.

The system is very logical and user–friendly for unexperienced crew members as well.

All components of Paratech's DCS are machined from aircraft grade aluminum for superior strength and hard–coat anodized for maximum salt–spray protection. Designed to last and perform, the DCS makes damage control shoring faster, safer and easier than ever before.

SHORING

Placing support against, beneath or above the damaged areas and preventing additional sagging, bulging and metal fatigue.

Length		Axial load 2:1	
Feet	cm	lb	kg
1'	30.5	44000	20000
2'	61.0	44000	20000
3'	91.4	44000	20000
4'	121.9	44000	20000
5'	152.4	44000	20000
6'	182.9	44000	20000
7'	213.4	44000	20000
8'	243.8	40000	18000
9'	274.3	32000	14500
10'	304.8	24000	11000
11'	335.3	20000	9000
12'	365.8	16000	7250
13'	396.2	14000	6250
14'	426.7	12000	5500
15'	457.2	9000	4000
16'	487.7	6000	2750

Always wear PPE. Paratech Inc. reserves the right to make changes in design, materials & price without notice.

DAMAGE CONTROL SHORES

Damage Control Shores offer the end user the ability to manually extend the shore to desired length. The Damage Control Shore always defaults to a locked position.



Part No.	Description	Length: in/cm	Net Weight: lb	kg	Ship Weight: lb	kg
22-798S03	Damage Control Shore 03	25-36 in/66-91 cm	13.7	6.2	14.7	6.7
22-798S06	Damage Control Shore 06	47-73 in/122-185 cm	26.0	11.8	27.0	12.3
22-798S10	Damage Control Shore 10	71-116 in/183-295 cm	39.3	17.8	40.3	18.3

DAMAGE CONTROL EXTENSIONS

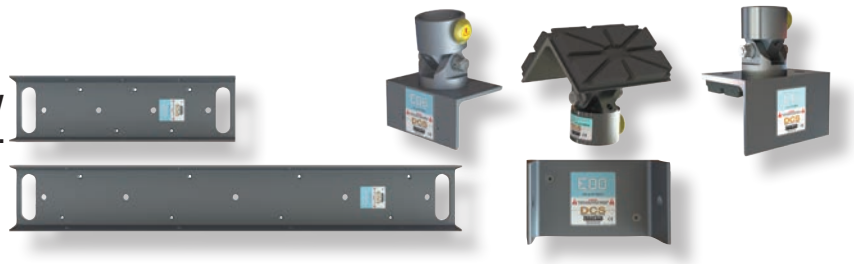
Paratech offers Damage Control Extensions in three sizes: 12" / 30.5 cm, 24" / 61 cm and 48" / 122 cm. Extensions are attached to the solid end of the shore.



Part No.	Description	Length: in/cm	Net Weight: lb	kg	Ship Weight: lb	kg
22-798X01	Damage Control Extension 01	12 in/30.5 cm	6.3	2.9	7.3	3.3
22-798X02	Damage Control Extension 02	24 in/61 cm	9.4	4.3	10.4	4.8
22-798X04	Damage Control Extension 04	48 in/122 cm	15.4	7.0	16.4	7.4

DAMAGE CONTROL ENDS

6 different ends in the system offer the possibility of making a variety of shores for Damage Control. The 4" Paratech Damage Control End should always be in one end of a shore used when flex in the hull is predicted.



Part No.	Description	Length: in/cm	Net Weight: lb	kg	Ship Weight: lb	kg
22-798E00	Damage Control Rubber End	4 in / 10.2 cm	1.9	.9	2.2	1.0
22-798E02	Damage Control Rail End 02	24 in / 61 cm	6.8	3.1	7.3	3.3
22-798E04	Damage Control Rail End 04	48 in / 122 cm	13.8	6.3	14.5	6.6
22-798E06	Damage Control Angled End	7.6 in / 19.3 cm	2.9	1.3	3.2	1.6
22-798E08	Damage Control Rubber Corner End	6.81 in / 17.30 cm	6.32	2.87	6.35	2.88
22–798E10	Damage Control Rubbered Angled End	9.25 in / 23.50 cm	5.45	2.47	5.75	2.61

DAMAGE CONTROL CONNECTORS

Part No.	Description	Net Weight: lb	kg	Ship Weight: lb	kg
22-798C10	Damage Control Latch Connector	3.2	1.5	3.5	1.6
22-798C20	Damage Control Clamp & Clevis Connector	6.6	3.0	6.9	3.1



DAMAGE CONTROL ACCESSORIES

Part No.	Description	Length: in/cm	Net Weight: lb	kg	Ship Weight: lb	kg
22-798A00	Damage Control Rubber Pad	6.75 in/17.12 cm	.96	.45	.99	.45
22-798A10	Damage Control End Latch Holder	15.0 in/38.1 cm	4.1	1.9	4.6	2.1
22-798027	Damage Control Spanner	13.23 in/33.60 cm	.55	.25	.58	.26



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ORDER CONFIRMATION: Order Confirmations are sent via e-mail or fax. The confirmation is our understanding of your order requirements. Discrepancies between your order and the confirmation should be reported at once.

PRICING: All orders will ship with current pricing as indicated on your confirmation.

MINIMUM ORDER REQUIREMENT: Orders under 50.00 will assess an additional 25.00 fee for processing and handling.

FREIGHT (DOMESTIC TRUCK SHIPMENTS): F.O.B. our plant, Frankfort, IL, U.S.A. Special shipping instructions must be made at time of order. Charges will not appear on Order Confirmation.

FREIGHT (UPS or FedEX): Handling and Freight Charges will be added to invoice. Charges will not appear on order confirmation.

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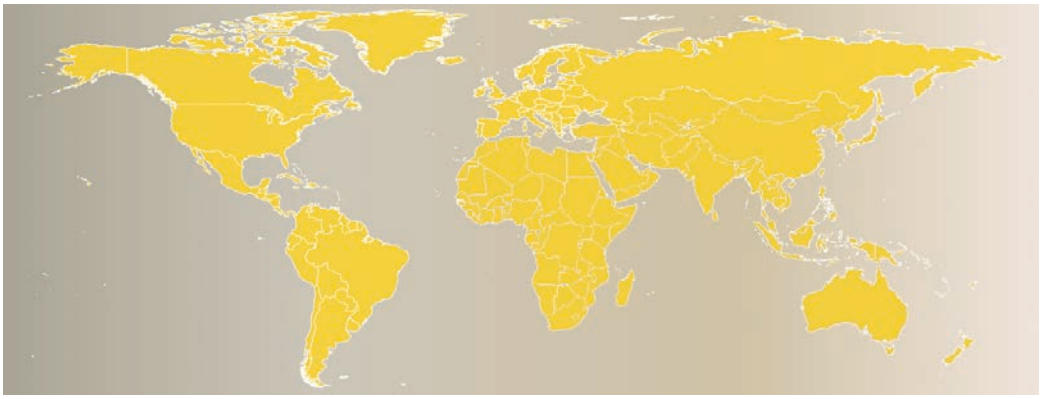
BACK ORDER POLICY: Due to unexpected demand, we may be temporarily out of stock on certain items. If you place an order for any merchandise that is currently not available, we will contact you regarding your order via phone or email. You will have the option of placing the order on hold or obtaining the "in-stock" items and receiving a 2nd shipment with the back-ordered items at a later date. Handling and freight will apply to the 2nd shipment.

RETURNING MERCHANDISE: Customer Service must authorize all returned merchandise in advance. Please contact the company for a Returned Goods Authorization Number (RGA#). Warranty replacements/returns for credit must go through the selling dealer. A minimum 15% restocking charge may apply.

WARRANTIES

- Paratech Product Warranties:
  - -Rescue Support Systems / 5 years
  - -MAXIFORCE® Air Lifting Bags / 3 years
  - -MULTIFORCE® Air Lifting Bags / 3 years
  - -Leak Sealing Systems / 3 years
  - -Powered Impact Tools / 1 year
  - -Rescue Air Cushions / 1 year
  - -Forcible Entry Tools / Limited Lifetime
  - -Tactical Forcible Entry / Limited Lifetime
  - -Damage Control Sytems / 5 years



PARATECH® RESCUE AWARD

As I am sure you are aware, our products are designed to be used in situations that often result in the saving of lives, the prevention or reduction of bodily injuries, the preservation of our environment, and the protection of property. Unfortunately, many of these incidents go unnoticed and are quickly forgotten.

Paratech would appreciate you taking a few moments to share these incidents with us by completing the Rescue Award application and mailing it to our headquarters or filling out our online application at paratech.com. We will send each active participant of your rescue our distinctive Rescue Award emblem and certificate. A separate award will be awarded in the name of the individual's unit.

The Rescue Awards we offer correspond to our main product groups:

- RSS - Rescue Support Systems
- MAXIFORCE® - Air Lifting Bags
- RAC - Rescue Air Cushions
- PIT - Powered Impact Tools
- FET - Forcible Entry Tools
- TFE - Tactical Forcible Entry
- LSS - Leak Sealing Systems

There is no limit to the amount of awards you may apply for. Paratech hopes you will apply after each and every incident involving the successful use of a Paratech product. Each award application we receive is shared with our employees and will be posted on our website for the world to see your accomplishments using Paratech equipment. The awards you receive are a tremendous source of pride for all of us here at Paratech.

(Please Print)

ORGANIZATION:_____

ADDRESS:_____

CITY:_____

STATE:_____**COUNTRY:**_____**ZIP:**_____

WHAT UNITS FROM YOUR ORGANIZATION WERE INVOLVED?
(Example: H&L 18, Rescue #4 - Engine 66)

_____

DATE/TIME OF INCIDENT: ____/____/____ _____:_____**AM PM**

LOCATION OF INCIDENT:_____

_____

_____

_____

WHICH PARATECH PRODUCTS WERE USED IN THE INCIDENT:

_____

_____

LIST THE NAMES, TITLES AND UNIT OF THE MEMBERS THAT DIRECTLY SUPERVISED, ACTUALLY OPERATED, OR PROVIDED DIRECT AND TANGIBLE ASSISTANCE TO THE OPERATORS OF OUR PRODUCTS:

_____

_____

_____

INDICATE WHICH OF THE FOLLOWING WERE ACCOMPLISHED DURING THIS OPERATION:
-SAVED A LIFE
-REDUCED OR PREVENTED BODILY INJURIES
-PROTECTED THE ENVIRONMENT
-SIGNIFICANTLY REDUCED PROPERTY DAMAGE
-UNUSUAL OR UNIQUE OCCURRENCE

BRIEFLY DESCRIBE THE INCIDENT AND EXPLAIN HOW PARATECH PRODUCTS ASSISTED. ATTACH YOUR INCIDENT REPORT, PHOTOS OR NEWS ARTICLES IF POSSIBLE.

_____

_____

_____

_____

_____

_____

_____

_____

PLEASE SIGN BELOW TO ALLOW PARATECH INC. THE USE OF THIS INFORMATION AND/OR PHOTOS RELATING TO THIS INCIDENT FOR PROMOTIONAL AND INSTRUCTIONAL PURPOSES.

SIGNATURE:_____

TITLE:_____**DATE:**_____

RETURN COMPLETED APPLICATION TO:
PARATECH INC.
P.O. BOX 1000
FRANKFORT, IL 60423 U.S.A.

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HANS FRANK NORMOLLE
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Feel free to contact your local Regional Sales Manager at any time for more information or to schedule a product demonstration.

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PARATECH®

LIFT ✦ SHIFT ✦ CONTAIN ✦ STABILIZE ✦ PENETRATE

Paratech manufactures strong equipment with a smart design ready to handle the most serious situations. Our mission is to provide high quality and consistently reliable products that are up to whatever demanding task is at hand. We take our job seriously because we know the situation is quite often a matter of life or death.

Our products are ready when you are.

For Information on how Paratech products can help you

LIFT, SHIFT, CONTAIN, STABILIZE AND PENETRATE,

call us at (800) 435-9358 or visit us on the web at www.paratech.com.

www.paratech.com

Available in four languages:

ENGLISH DANISH SPANISH CHINESE

CERTIFICATE NO.
ISO9001:2008

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& USED WORLDWIDE

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