



Paratech Rescue Struts... Your Life Support System

Collapse Rescue With Paratech

Collapse rescue is easily one of the most difficult challenges faced by fire brigades and rescue teams. Structural collapse emergencies occur almost daily somewhere in the world. "Workmen Trapped During Building Demolition", "Natural Gas Explosions", "Terrorist Bomb", "Earthquake Rocks Residential Area", "Burning Building Collapses – Traps Fire Fighters". We have all seen these or similar news headlines and now we can be better equipped to face these collapse rescue challenges.



A Comprehensive System

The system includes strut extensions and special baseplates designed to support a wide variety of contact points. Truly a system that will not stop growing, RescueStruts can be used in excavation collapse (trenches, mines), stabilizing crashed vehicles and reinforcing structures weakened by fire, earthquake or an explosion. With a wide variety of Strut accessories, including our Danish Multi Brace, rescue teams can use RescueStrut components to build tripod cranes, and vertical wall bracing.

The Go Anywhere System

Paratech RescueStruts are truly a "go anywhere" system. Fire departments and civil defense agencies can move this equipment to a collapse site with relative ease. The operation is simple and safe. All pneumatic fittings are adaptable to your lifting bag systems and training is available from the world's leading training agencies. Whether you choose the precision of the Acme Strut or the self-locking feature of the LockStroke, both are strong and versatile enough for almost any collapse rescue scenario.



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 5/8" (1.6cm) to 1" (2.5cm).

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

Maximum Force Where You Need It Most!

The Maxiforce Air Lifting Bag is a thin, strong, molded envelope. It is made from a Neoprene covered Aramid reinforcement and has the power to lift, move or shift weights up to 70 tons.

Of course there is more to a lifting bag system than the bag itself. The control equipment and components play a critical role in successful lifting bag use. 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.



with an interlocking surface. Those larger "cleated" surfaces on other bags are not well suited to easy placement and should be avoided. Remember, it's not the size of the dimple, it's how many per square inch.

7. Positioning Eyelets: At least 2 on all lift bags with a 10 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.

Rescue Starts Here

When the call comes, you're ready. You're tough and you're committed. At Paratech we understand. For over 40 years our people have been working to make sure that you have the most reliable, innovatively designed and well manufactured rescue tools and equipment to do your job. From engineering, to manufacturing, to training... failure is not an option.



VEHICLE STABILIZATION



In crash situations, the need for quick, safe and reliable stabilization is obvious!

Your first steps to extrication victims from vehicle accidents are the Paratech Vehicle Stabilization kits. They are strong, sturdy and reliable. Our system is easy to use and the strongest vehicle stabilization kit on the market today.

RESCUE AIR CUSHIONS



High Lift Rescue Air Cushions are recommended for rescue units that maintain a high degree of readiness through training. Rescue teams proficient in the use of high pressure lifting bags are the best candidates for Rescue Air Cushions.

Rescue Air Cushions are available in 4 sizes and 2 pressure ranges for maximum versatility and a wide range of applications.

They are an ideal tool for high lift requirements of non-reinforced broad surfaces found on trucks, vans, and light aircraft. Especially effective in the rescue or recovery of downed animals.

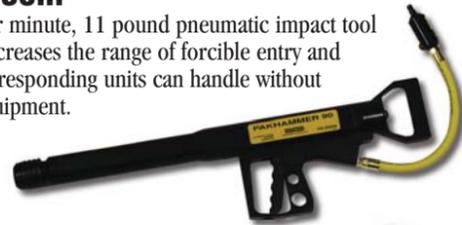
Rescue Air Cushions are used by Collapse Rescue Teams to fill collapse voids and regain support for Rescue Struts, wall braces, and shoring.

PNEUMATIC IMPACT TOOLS



PAKHAMMER 90...

A 400-700 blow per minute, 11 pound pneumatic impact tool that dramatically increases the range of forcible entry and rescue work initial responding units can handle without calling up heavy equipment.



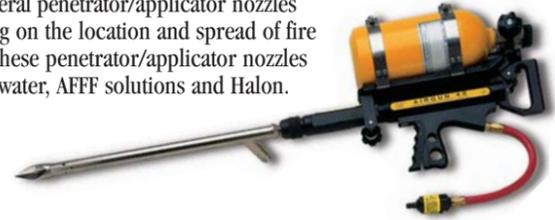
AIRGUN 40...

A 600-900 blow per minute, 7 pound pneumatic impact tool. Combining ease of handling, very low air consumption and adjustable power output, it is an ideal tool for rescue work.



AIRGUN 40 SC...

The Airgun 40 SC (Self Contained) is designed to exceed current U.S. Air Force requirements for a handheld pneumatic 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.



FORCIBLE ENTRY TOOLS



Hooligan Tools



Pry Axe

NEW Buster Tool

Biel Tool

Kelly Tool

PRT Tool

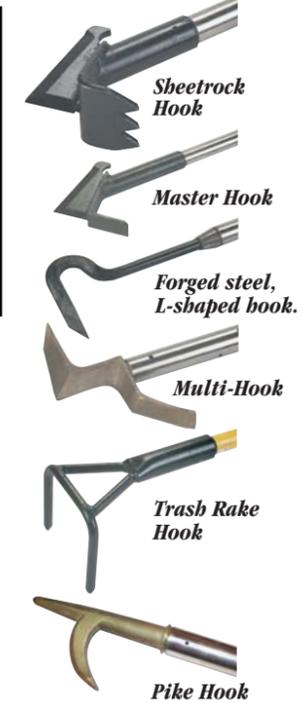
Super Ram Bar

FIREFIGHTING TOOLS



Paratech Incorporated offers tools in standard lengths of 3'-6' available for immediate delivery, and custom lengths by special order.

We are committed to the manufacture of a high quality, heavy-duty tool, designed with pride by firemen who use them. We make rugged, no frills tools designed for everyday use without needless and impractical features.



Sheetrock Hook

Master Hook

Forged steel, L-shaped hook.

Multi-Hook

Trash Rake Hook

Pike Hook

AIRTRACK & LEAK SEALING SYSTEMS



Airtrack

Designed for use on water, ice, wetlands, mud and other unstable terrain, the Airtrack supports greater loads than any other rescue platform. It can be used as a flotation bridge for personnel evacuation and the low freeboard simplifies hauling aboard people and equipment.

Leak Sealing Systems

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.



PARATECH

FULL PRODUCT LINE

Rescue Support Systems

Air Lifting Bags

Vehicle Stabilization

Rescue Air Cushions

Pneumatic Impact Tools

Forcible Entry Tools

Fire Fighting Tools

AirTrack & Leak Sealing Systems