

■ The RescueWinch-50

The RescueWinch-50 combines the functions of a 50-foot retracting lifeline and a built-in rescue retrieval system with a substantial mechanical advantage. The system is housed in a rugged cast aluminum case for maximum durability and is compact and lightweight for easy portability. In normal operation, the 50-foot retracting lifeline, which is constructed of galvanized aircraft or stainless steel, is attached to the entry worker's full-body harness. Sealed ball bearings enable the attached lifeline to flow smoothly as the worker enters or leaves the confined space, so no undue pressure is placed on the worker. In the event of a fall, a centrifugal mechanism is activated and automatically arrests the fall with special shock absorption. In emergency situations, a topside worker can quickly raise the victim from the dangerous environment. The MSEC RescueWinch-50 is constructed for maximum durability, and can be used in all types of weather.



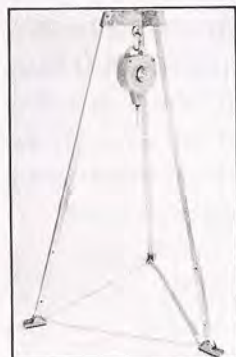
■ Confined Space Entry Alarm Systems

MSEC manufactures several patented alarm systems for confined space entry. In the event of a fall, the alarm is activated, sounding a horn and illuminating flashing red lights. Or, if the entry worker needs assistance, he may pull abruptly on his lifeline to activate the alarm. The alarm systems' design provides earlier warning detection. The MSEC alarm system is available either built into an MSEC tripod, or as a separate unit, which can be attached to any existing tripod or fixed anchorage point. The systems are all self-contained and are powered by rechargeable batteries.



■ MSEC Tripods

MSEC telescoping tripods are constructed of highly durable aluminum or steel, and are rated for personal entry and rescue from confined space. The tripods are fully telescoping, and feature anti-skid rubber feet and leg chain for added protection. They are quick and easy to assemble and fold down to four feet for easy portability. MSEC tripods are available with or without a built-in alarm system. A 15-foot telescoping aluminum tripod for training purposes is also available specifically designed to allow workers to practice actual falls and simulated rescues.



■ MSEC Full-Body Harnesses and Snap Hooks

Model FBH171DN — A lightweight, full-body harness designed for wearing comfort and maximum distribution of the shock load in the event of a fall. Equipped with adjustable leg and chest straps, sliding Dee ring, and sub-pelvic strap, the harness also features high-visibility nylon webbing throughout with a Dee on back and two each on waist belt.



Model FBH1DN — A full-body harness constructed of lightest weight nylon webbing and comes equipped with one sliding back Dee, adjustable leg, chest and waist belt straps.



Models LC119 and LC145 are carabiners constructed of sturdy stainless steel and are used to secure the worker's harness to the system's cable and the RescueWinch-50 to the attachment point.

Model LSH1 — A locking snap hook with double lock design to help prevent rollout.



- Tripod Carrying Bag Model TPCB1
- Tripod Weather Tent Model TPWT
- Tripod Yellow Flashing Light Model TPFC1
- Tripod Leg Chain Model TPLC
- Tripod Warning Flags Model TPWF
- Tripod Warning Barrier Model TPWB

This winch from MSEC is designed to support loads of up to 500 pounds for lowering and lifting materials from confined spaces, and is compatible with any MSEC tripod. NOTE: This particular winch is not for personal usage.

RescueWinch-50 — RW50	
Design Working Load	300 pounds
Drop Load Test	350 pounds/4-foot free fall Meets OSHA requirements
Cable Length	50 feet
Cable Diameter	3/16" aircraft steel or stainless steel
Minimum Cable Break Strength	3000 pounds (galvanized or stainless steel)
Cable Locking Speed	4-5 feet/second
Weight	42 pounds
Size Case	15 1/2" x 18 1/2"
Housing	Special heat-treated cast-aluminum high-strength physical properties, and weather-sealed
Internal Components	Stainless steel, plated steel
Ball Bearings	Sealed, self-lubricating

SPECIFICATIONS

Model # ATPT-100 Aluminum, Adjustable-Leg Tripod # ATP-100-ALS — With Alarm System	
Maximum Static Test Load	3000 pounds
Height with Legs at:	
Maximum Extension	7 feet (84")
Minimum Extension	4 feet (48")
Distance Between Feet at:	
Maximum Extension	56"
Minimum Extension	36"
Size for Transport and Storage	
Length	55"
Diameter	16"
Weight	
Aluminum	38 pounds

Alarm Systems	
ATP100ALS — Built into Aluminum Tripod	
Horn	100+ decibels
Lights	3 red lights; sealed
Power	Rechargeable batteries
Housing	Cast aluminum; weather-sealed
Portable PA200	
Size	7" x 6" x 6"
Weight	4.5 pounds
Horn	100+ decibels
Lights	4 red lights; weather-sealed
Power	Rechargeable batteries
Housing	Cast aluminum; weather-sealed