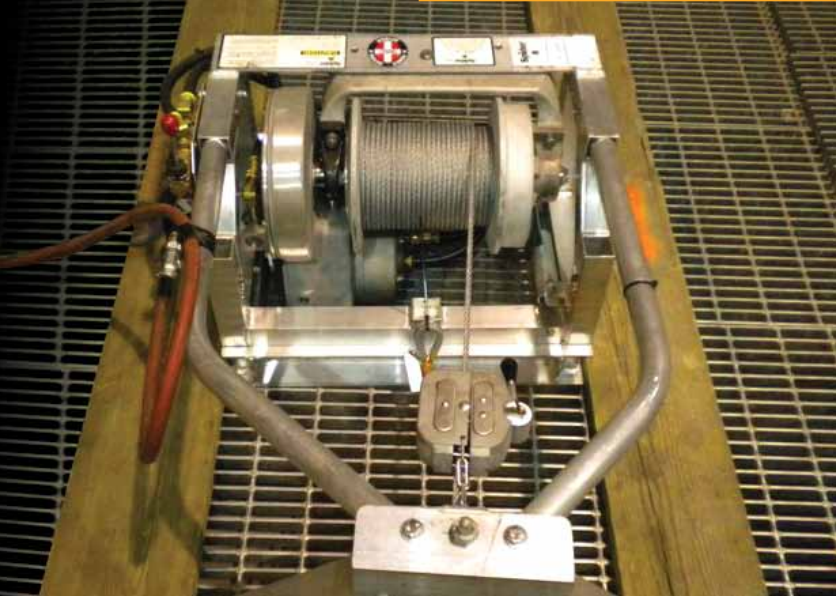


LSR1 Limited Space Rescue Winch

The most comprehensive method to achieve confined space rescue inside boilers, silos, refineries, penstocks, dams, shafts, and water and sewer vessels. The system's low cost and fast set-up make it the attractive rescue solution.



LSR1s help plant owners, HSE and operations personnel achieve prompt rescue of injured workers and very fast rescue required for electrocuted workers.

Specifications (700989-1)

Load Capacity:
1,000 lbs. (453.6 kg)

Base Unit Without Extensions:
17.5 x 29 x 21 in. (445 x 737 x 533 mm)

Dimensions With Extensions Fully Extended:
37 x 29 x 72 in. (940 x 737 x 1,829 mm)

Weight:
165 lbs. (74.8 kg) without wire rope

Speed:
30 ft/min (9.1 m/min)

Power Draw:
60 cfm @ 120 psi

Motor:
1.25hp Vane motor

Drum Capacity:
500 ft (152.4 m)

Wire Rope:
5/16 in. (8 mm) fiber core

Key Features

Workers and equipment are lowered at the same speed – there is no risk of a platform operator left hanging in his harness above the platform.

Easy to operate powered system to lower workers and equipment simultaneously.

Stand-alone, self-contained, man-rated hoist and rigging

Lightweight welded aluminum frame

Includes level wind drum for smooth, easy wire rope wrapping

Overload device prevents hoist from operating when loaded beyond its rated capacity.

Built-in secondary overspeed brake

Disassembles without tools to fit through an 18 x 24 in. (457 x 610 mm) oval opening

Can be used directly over roof penetrations or mounted to outside structural members



Safety Considerations: LSR1

Keeps rescue team safe by eliminating need for them to work under potentially damaged equipment overhead.

Limits environmental exposure to operators only – does not expose additional personnel to risks present inside structure.

Allows operators and plant personnel to initiate rescue and start first aid, rather than wait on emergency services.

Allows workers to focus on self-rescue or 'buddy care.' One worker can initiate CPR on his partner while being lowered – no need to wait for external rescue team.

Calmer professionals lower the platform and the workers simultaneously – traveling at the same speed to simplify rescue.

Does not rely on operators to recall extensive training, rope descent or training on other rarely used systems in a time of crisis.

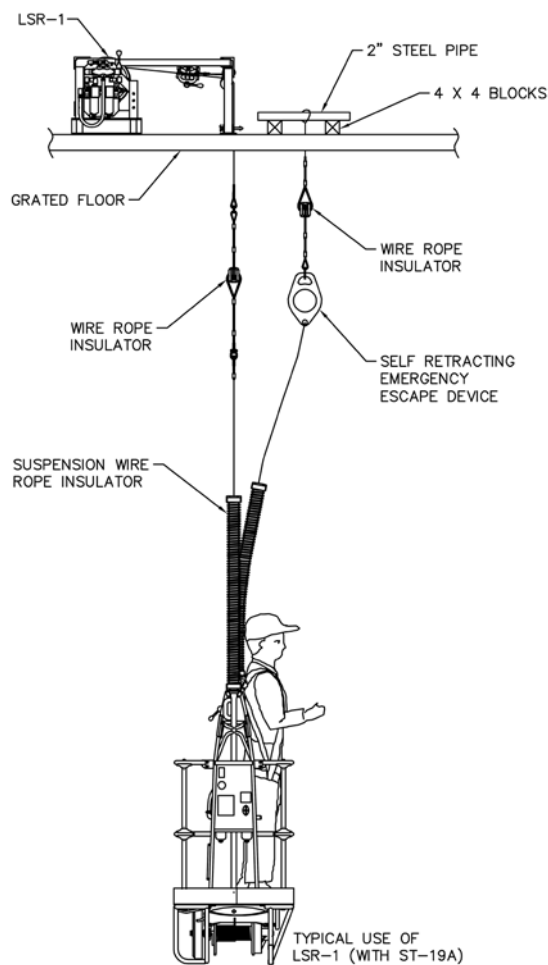
Typical accessory packages reduce the risk of weld-related injuries.

Request Spider's Welding Protection Flyers at 877-774-3370 for more information

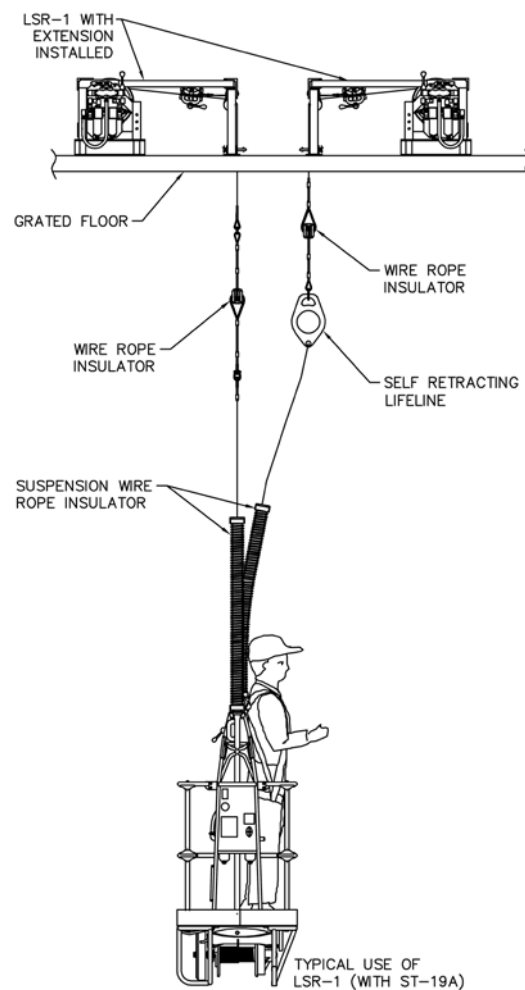
**Spider
365 Upland Drive
Seattle WA 98188
877.774.3370
www.spiderstaging.com**

Photos are illustrative only. For operating instructions, consult the Owner's Manual.

Standard Application



Fall Arrest Application



Accessory Equipment: 701151-1 Welding Ground, Self-Retracting Lifelines, 5/8 in. Wire Rope Lifeline, 4897 Wire Rope Insulator, 4904 Wire Rope Insulator, 701074-1 Insulated Thimble Assembly

Compare: LSR1 to Other Rescue Options

Prompt Rescue Means Fast

- Powered winch lowers a worker to safety
- Practical, fast and does not rely on individuals hand-cranking someone several hundred feet down

100% Tie-Off

- No need to move the lifeline termination to shift an injured worker to a rescue line.

Easier to Operate

- Simpler to operate than tripod winches – one worker can operate both the equipment-bearing and personnel-bearing LSR1's.
- Significantly reduces the safety monitor's labor hours.

Fast to Install

- Adds just 15 minutes to set up of a swing stage platform – overall install is 4 hours or less.
- Saves days of erection time compared to ground-based scaffolds.

No Topside Access? No Problem

- Engineered sighthole bracket allows easier rigging when topside access isn't available.
- No penetrations required.
- Creates an 18 in. (457 mm) projection into the structure, allowing higher vertical travel and more working swath.

Less Overhead Height Needed

- Requires less overhead height and a smaller footprint to operate than tripod winch solutions.



Engineered Sighthole Bracket for Side Mounting Using Existing Bolt Holes