

Open Drum Lightweight Rescue Hoist 15m/25m/35m/45m

The Didsbury MINILIFT **Open Drum Lightweight Rescue Hoist** is portable and easy to use. It is suitable for goods handling, and man-riding applications. This hoist can be used in conjunction with either the Didsbury Engineering's Lightweight Aluminium Tripod or Angled Davit System for confined space entry down to 45 meters. Supplied with a manually operated winding handle with slipping clutch feature this hoist can also be supplied with an air powered attachment.



Tripod Configuration	
Part No.	Description (height of lift)
83/420T1	45m Hoist c/w winding handle
83/420T2	35m Hoist c/w winding handle
83/420T3	25m Hoist c/w winding handle
83/420T4	15m Hoist c/w winding handle

Davit Configuration	
Part No.	Description (height of lift)
83/420D1	45m Hoist c/w winding handle
83/420D2	35m Hoist c/w winding handle
83/420D3	25m Hoist c/w winding handle
83/420D4	15m Hoist c/w winding handle

83/430	Man-riding winding handle red
83/431	Goods handling winding handle yellow
<i>Advise type of winding handle required</i>	

FEATURES

- Winding mechanism to suite goods handling and man-riding applications
- 2-speed manual operation minimises operator effort and a unique cable layering system, allowing the cable to be wound in or out, with or without a load on the hook
- Torque limited overload protection on winding handle
- Governor controlled rate of descent
- Safety in operation is ensured by a 'dead mans' brake which is normally in the 'on' position
- A detachable Karabiner with safety latch is fitted as standard (part no.86/103)
- Optional Air Drive for powered lifting
- Built to meet the highest health and safety standard, proof loaded, tested and certified for man-riding and/or goods handling.

Working Load Limit (WLL)

Man-riding 127 kg at safety factor of 10:1
Goods handling 254 kg at safety factor 5:1

Lifting Speed

Manual 1.75m per minute at 60 r.p.m.
Air Drive 7.32m per minute

Lowering Speed

Governor controlled: 0.5m per second average

Air Drive (Optional)

see Air Drive Assembly datasheet