



- Lightweight, portable and easy to use.
- Winding mechanisms to suit goods handling and man-riding applications.
- Automatic fail-safe braking system.
- 2-speed manual operation minimises operator effort and allows rapid wind-in/wind-out when unladen.
- Optional air drive attachment available for powered lifting.
- Torque limited overload protection on winding handle.
- Cable laying system prevents snagging of cable, reduces cable wear.
- Speed governed descent allows smooth, effortless lowering.
- Manually controlled method of precise lowering.
- Versatile operation and choice of mounting arrangements.
- Built to meet the highest health and safety standards.
- Proof loaded, tested and certified for man-riding and materials handling.

Description

Didsbury MINI-LIFT wire rope hoists are designed for safe goods handling and man-riding operations. Enclosed and open drum models are available to accommodate various heights of lift.

The enclosed drum hoist is supplied with an extension tube and top sheath for overhead eye bolt mountings on tripods and davits or with spigot mounting where headroom is restricted. The open drum model is supplied with frame mounting for normal tripod use.

Manually operated in standard form MINI-LIFT hoists can also be converted to air power drive by a snap-on attachment.

Winding Mechanism

Manual mechanical operation. Winding handle incorporates a slipping clutch which activates when safe working load is exceeded. Two winding shafts - giving slow or fast winding ratio options. Enclosed drum hoist features unique cable drum to give controlled single layering, enabling precise wind-in/wind-out action. Open drum hoist is multi-layering and has greater cable capacity. Governor controlled rate of descent. Air motor drive available.

Extension Tubes and Mountings

Standard enclosed drum hoist features 1.2m (4'0") extension tube with top sheath for mounting to eyebolt tripods, davit jibs, overhead trolleys, drop hangers etc. Shorter or longer - max. 3.6m (12'0") extension tubes can be fitted. Spigot mounting allows hoist to be fixed on top of a short tripod for restricted headroom areas.

Standard open drum hoist is supplied for spigot mounting on tripods, davits and other horizontal or vertical surfaces or steel frame mounted for normal tripod use.

Lifting Attachment

A detachable safety load hook is fitted to the high-tensile wire rope as standard for man-riding applications. Open hook with Safety latch is used for goods handling.

Tripods and Davits

Didsbury lightweight tripods and a range of Didsbury davits are available for use with MINI-LIFT hoists.

Quality Assurance

BS EN ISO 9001 Registered Company.

Load Capacities

Man-riding 127kg (280lbs) at safety factor of 10:1
Goods handling 254kg (560lbs) at safety factor of 5:1

Lifting Speed

Manual: 1.75m (5'9") per minute at 60 r.p.m.
Air driven: 7.32m (24'0") per minute

Governed Lowering Speed

0.5m (1'8") per second average

Airmotor Drive (Optional)

Specification: 0.85 H.P
1100 r.p.m. free speed, 600 r.p.m. full load speed
Maximum stall torque 21.7 Nm (16lb/ft)
Air supply 35 CFM at 90 psi
Weight 8kg (18lbs)

Product Data

Model Code Number	Type	Max. Height of Lift	Weight
LL / RTZ	Tube Mounted enclosed drum	9m (30'0")	16kg (34lbs)
OD / RFZ	Frame Mounted open drum	24m (79'0") or 44m (145'0")	27kg (60lbs)
LL / RSZ	Spigot Mounted enclosed drum	9m (30'0")	13kg (29lbs)
OD / RSZ	Spigot Mounted open drum	25m (82'0") or 45m (148'0")	18kg (40lbs)

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Note: Didsbury Engineering Co. Ltd. reserve the right to alter specifications without prior notice.