

LIGHTWEIGHT TAPE HOIST

Webbing instead of wire rope is used for the main lift component because this can be 'threaded' through structures when a lift attachment point is some distance from the actual point of lift. The soft tape minimizes the risk of damaging surrounding components and allows the hoist body to be narrow.

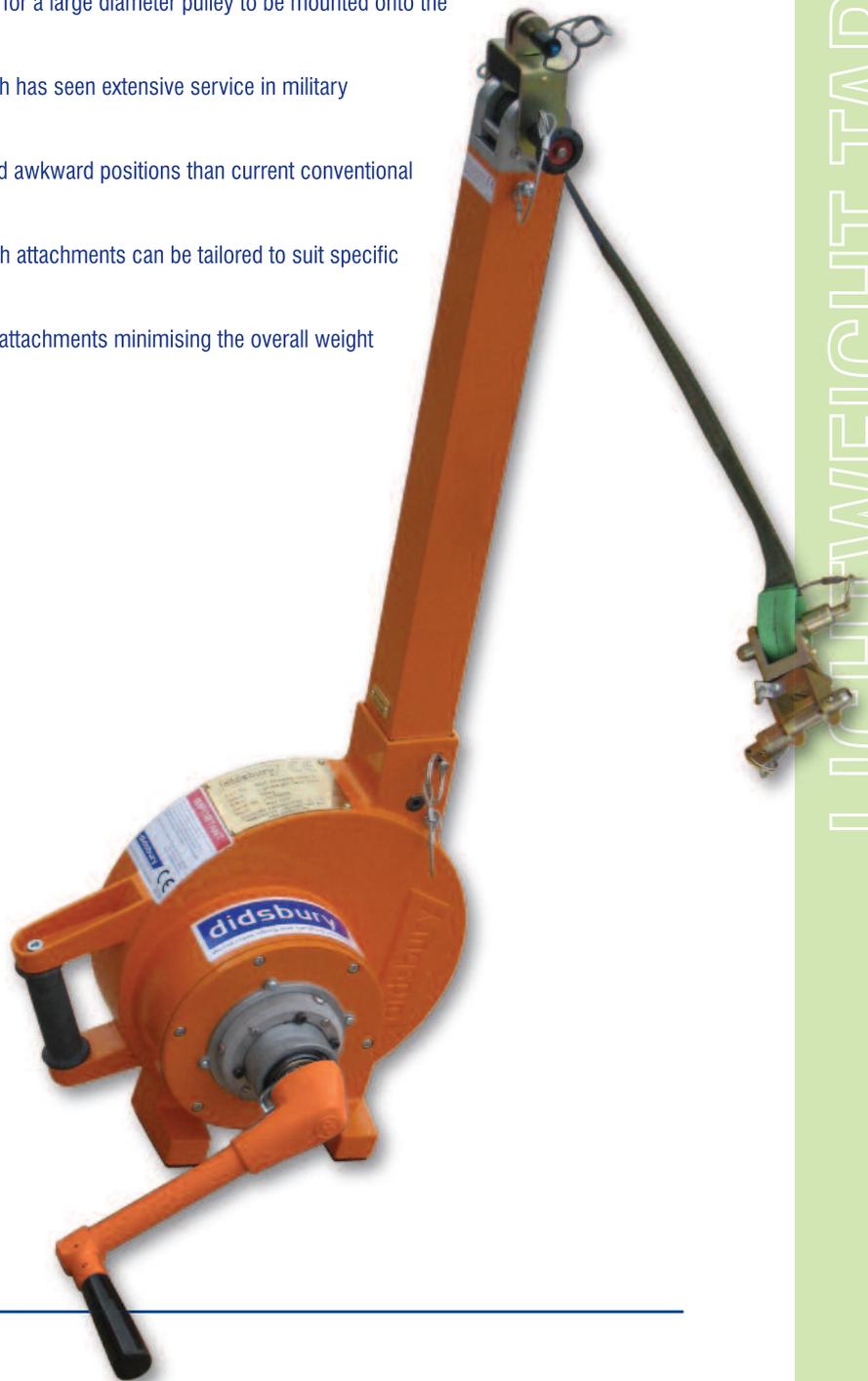
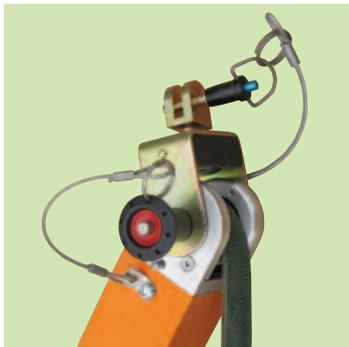
The minimum bend radius is 10 mm so there is no need for a large diameter pulley to be mounted onto the top sheath or directly below the attachment point.

The hoist uses a wind up – wind down mechanism which has seen extensive service in military applications. It is robust and reliable.

These features allow the hoist to lift in more confined and awkward positions than current conventional wire rope hoists can manage.

Details such as the length of tube, shackle and top sheath attachments can be tailored to suit specific requirements – as with the existing hoists.

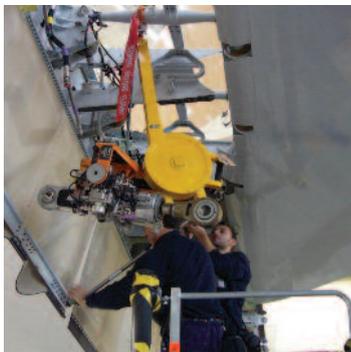
The hoist weighs approximately 9 kg, excluding shackle attachments minimising the overall weight applied to the airframe.



LIGHTWEIGHT TAPE HOIST



A380 Wing Fairing Removal/Installation



Actuator Removal/Installation



100/1 Lightweight Tape Hoist

**The unit has a 15 metre lift
(less the length of any tube attached)
with a maximum lift of 100 kg**

- Robust
- Reliable
- Versatile
- Lightweight
- Easy to use in confined spaces and when access is restricted

Technical Features

- 100 kg Safe Working Load
- 200 kg Safe Working Load in double fall configuration
- 15 metre lift
- 9 kg weight
- Top sheath / shackle to suit applications
- Lightweight components
- 30 mm wide webbing sling
- Wind up / wind down mechanism
- No load release for rapid pay out

Part Numbers

- 100/1 Lightweight Tape Hoist
- 100/60 Double Fall Lightweight Tape Hoist
- 100/112 Conversion Kit 100/1 to 100/60
- 100/58 A400M Aileron & Spoiler Hoist Kit

Didsbury has official repair and maintenance centres around the world to service its lifting and handling equipment.

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

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