

400Hz AUTOMATIC CABLE REELER Series FC400 for point of use aircraft ground power



400Hz Auto CABLE REELER SERIES FC400

The cable reeler provides a reliable source of power for parked aircraft – an essential need in today's quick aircraft turnaround airport environment. The reeler mounts horizontally under the passenger bridge or on the converter, or can be mounted vertically to the side of the bridge or adjacent to the rotunda base of the passenger loading bridge

The precision-engineered internal reeling mechanism unwinds and rewinds 400 Hz cables. The cable reeler provides complete storage and protection of cables, eliminates the need for expensive service pits and complicated cable suspension hoists, avoids the use of trailers and removes further obstructions when cables are left on the apron and subjected to damage by the wheels of ground support and towing vehicles.

The installation of the reeler lessens the accident risk to ground personnel and removes the potential obstructions for ramp vehicles, reduces the risk of equipment damage, cables cannot be trapped in aircraft doors, this is a known problem with hoist suspension cable management systems.

Cable reeler features:

Minimal space required, the unit is only 610mm x 1500mm x 1500mm

Accurate winding is assured by precision rollers and rugged cable guiding device.

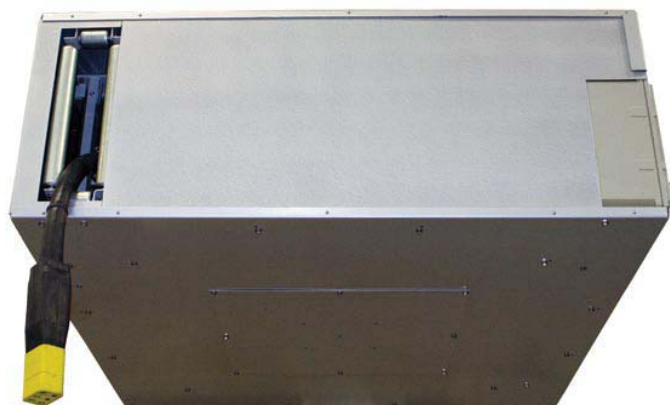
Advanced electronic control system has user programmable operating parameters.

Fail-safe overload protection will stop the drum rotation if there is abnormal tension on the cable.

Fully protected components, the drum, drive motor, slip ring assembly and control system are completely enclosed.

Easy servicing - major components are modular. Cable replacement, can be done in less than two hours.

Easy installation, set-up, and operation. fix the reeler into position, connect the 400 Hz from the frequency converter, connect the motor power supply, and start protecting your cables and investment



Horizontal version

Suitable for mounting under passenger loading bridges.

This unit can also be mounted on floor stands or underslung from mezzanine floors in maintenance hangar

Vertical version

For mounting on floor stands, wall brackets or on the side frame of the frequency converter installed in maintenance hangars or adjacent to point of use ground power units close to aircraft parking positions



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