

ADC-26

400 Hz Drum Cable Coil



ATES ADC-26 400 Hz Cable Coil is designed to store up to 26 m of 400Hz composite cable. The fixed input cable is connected to the mobile cable, rotating on the drum, by means of a beam of cables, positioned inside the drum, compensating by its own length the torsion caused by the rotation of the drum.

The essential design of **ATES ADC-26 400 Hz Cable Coil** grants ease of maintenance and high reliability.

Its compact dimensions ensure an easy installation of one or two units under the passenger boarding bridge.

The rolling and unrolling is performed by the drum, motorized by a gear motor with direct drive to the drum.

The cable is kept in order on the drum by a guiding head. The drum is surrounded by rollers maintaining the cable on the drum.

Maintenance and trouble shooting operations are simplified by the use of an automation device.

Standard Features:

- Frame and canopies in painted AISI 430 stainless steel, drum in AISI 304 stainless steel
- Variable Frequency Drive for speed adjustment, soft start and stop, overload protection in case the cable jams
- Two limit switches, "all in" and "all out", on the distributing guide bar
- Time delay relay disabling the fixed control station after the unrolling of a preset length of cable
- The last meters of cable are automatically rolled in at reduced speed



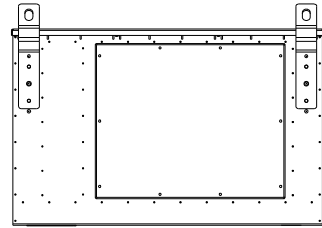
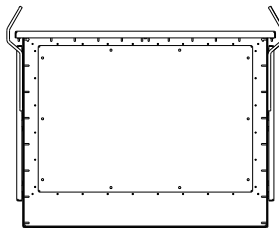
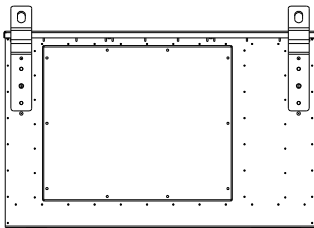
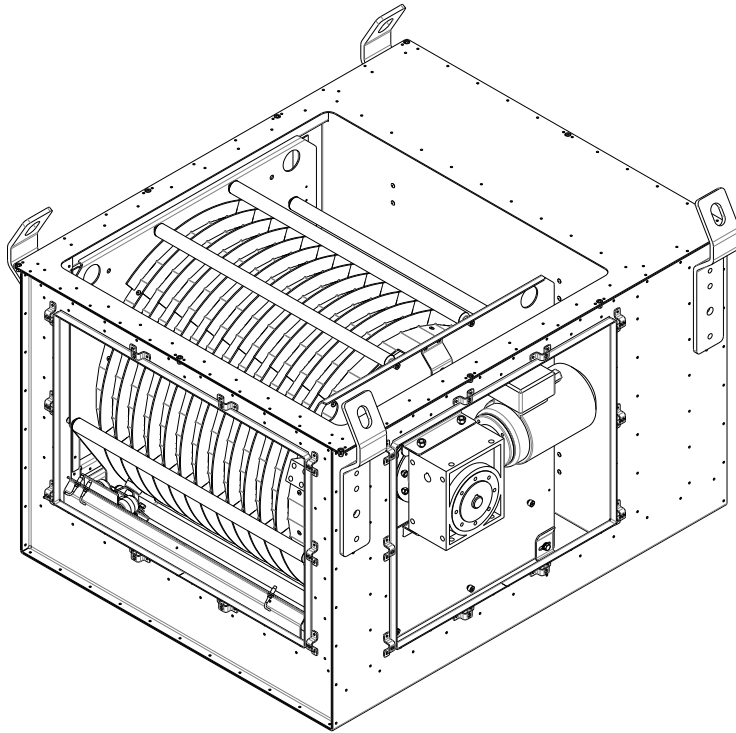
ADC-26 Specifications

Input power:	3x400V, 50 Hz, 2A circuit breaker
Gear Motor:	1500 rpm, isolation class F, 0.55 kW
Power transmission:	VFD with adjustable speed, starting ramp and overload; 0.75 kW power
Electric panel:	IP65 protection
Control system:	PLC Schneider Electric Zelio SR2A201BD
Shafts and gears:	Steel
Frame and canopy:	AISI 430 Stainless steel
Drum:	AISI 304 Stainless steel
Cable:	Inter-Aeroflex 400 Hz cable, rated 300 A continuous load in alternative cable selected by customer
Aircraft connector:	LPA N27 or equivalent selected by customer
Max cable length:	26 m (28 m optional)
Mobile control station:	On aircraft connector
Limit switches:	Limit switch adjustable on two positions of cable: "all in" and "all out"
Dimensions:	Bridge mounted version: Length 1295 mm, width 997 mm, height 735 mm
Weight:	Bridge mounted version: 260 kg without cable
Operating temperature:	-20°C to +50°C
Options:	Heater for very cold climate Electric box ventilation for hot climate

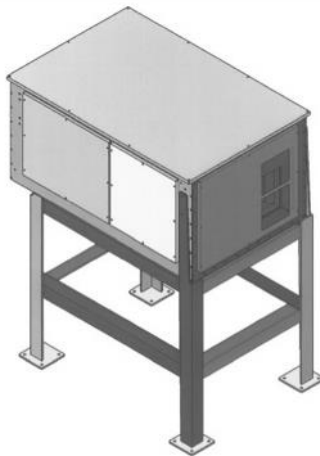
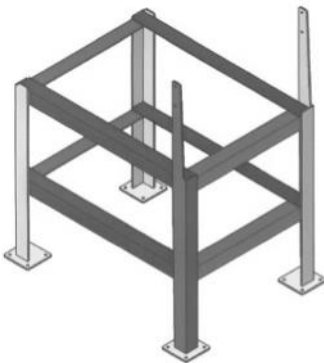
Compliant with Machine Directory 2006/42/CE

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Bridge mounted configuration



Ground mounted configuration on zinc coated steel base stand

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