

## RAM405 aircraft 400 Hz supply cable retriever

The RAM405 cable retriever is the standing version of the « Skypit » RAM402 retriever. It is based on the same mechanical and electrical elements, but differs in the positioning of these elements and in the geometry of the cable storage.

It can be placed on the apron in front of an aircraft parking position or in the maintenance hangar.

Like the RAM402, it offers an optimal protection for the cable, a reduced weight, an optimal electrical performance and a minimal need for maintenance.



RAM405 retriever, "Skypit" standing version

The exclusive Skypit principle, where the cable is guided up to find its space naturally in the receptacle, presents a large number of major advantages :

- **Easy servicing:** cable replacement can be performed in 45 minutes
- **Light weight:** the RAM405 weighs less than 300 kg without cable
- **Minimal maintenance:** an inspection of the chain and of the tires is recommended every six months
- **Electrical contact:** direct connection of the cable to the network, **without slip ring or twisting cable**
- **Full protection of the cable and of the aircraft connector:** when the cable is stored, the connector is fully retracted in the Skypit
- **Communication:** The Skypit is fitted in option with a data concentrator for communication with the airport systems

RAM402 retriever, installation on the side of the passenger bridge



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### Technical data:

- Dimensions of the whole system incl. connection box:  
W x D x H : approx. 1350 mm x 1000 mm x 1500 mm  
Weight without cable : approx. 300 kg  
Weight of a 30 m cable: 110 kg  
Total weight with cable: 410 kg
- Construction:  
Cable case : aluminum, epoxy painting  
Bed frame : metallic coated steel, epoxy painted  
Color: white RAL 9003 and metallic grey RAL 9006  
(other color on request)
- 400 Hz cable :  
Cable supplied standardwise: Leoni Studer Betajet  
Deltaflex 3x(50 mm<sup>2</sup> + 20 mm<sup>2</sup> concentric PEN + 8x1  
mm<sup>2</sup>)  
Maximum length: 30 m  
Other aircraft cables available upon request : By  
construction, any flexible cable type is compatible  
with the Skypit.
- Motor power supply: 50/60 Hz, 200/400V three  
phases
- Operating temperature range: -40°C to 80°C with  
specific lubrication
- Weather resistance: IP 55
- Remote control: on the aircraft connector (cable  
in/out, 400 Hz on/off, emergency stop)
- Communication: the Skypit includes in option a data  
concentrator for communication with the airport  
systems

