

AEOLUS-50™

TELESCOPIC AUTOMATIC HOSE RETRIEVER
FOR PRECONDITIONED AIR (PCA)



THE MOST INNOVATIVE, SAFE, SIMPLE AND FAST WAY
OF SUPPLYING PRECONDITIONED AIR
TO A STATIONED AIRCRAFT

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The AEOLUS-50™ permits connection to a PCA unit to supply continuous clean preconditioned air directly to a stationed aircraft. No extra accessories, like hose baskets under the passenger boarding bridge (PBB), are needed.

The AEOLUS-50™ handles 160 feet of 14" I.D. of preconditioned air ducting and is designed for automated handling of air hoses packed inside the unit mounted alongside the PBB.

The air ducting is stored inside the device, providing improved safety handling and a cleaner and faster service.

THE ADVANTAGES OF THE AELOUS-50™

- Capacity to store the full length of the air ducting inside the telescopic duct, protecting the hoses from external environmental exposure, leading to longer lifetime and reduced maintenance cost
- Permits the deployment of the exact length of hose needed for each operation, using the least amount of tarmac space possible
- Designed for ergonomic and effortless handling of the hoses by only one person, making the service faster and safer
- Adaptable with CONSUS-S1 Auxiliary Hose Trolley to provide preconditioned air to longer distances if necessary
- Adaptable with CONSUS-D2 Auxiliary Hose Trolley for the delivery of preconditioned air to JUMBO aircrafts with two PCA inlet connectors

TECHNICAL SPECIFICATIONS

Finishing	Resin and polished filament winding fibre finish built to the highest quality standards
Materials	Absolutely stainless, designed to maintain integrity despite heavy use
Dimensions	The telescopic duct will fit any PBB available in the market

AIR DUCTING STORED INSIDE

Hoses are packed inside the device for proper handling

DRIVE MOTORS

For extraction operations

TELESCOPIC DUCT OPEN OUTLET

Helps extraction and retrieval operations of the air hose

INTELLIGENT CONTROL SENSORS

Safety and security guaranteed as retrieving automatically stops when necessary

DRIVE MOTORS

Retrieval operations

TEAM's AEOLUS-50™, mounted alongside the PBB

c/ Anabel Segura 11, Edificio A - 2ª Planta
28108 Alcobendas, Madrid (SPAIN)
Tel: +34 911 846 400 Fax: +34 911 846 401
E-mail: team@teamcompany.com

c/ Buenos Aires, 1
08029 Barcelona, (SPAIN)
Tel: +34 902 300 601 Fax: +34 933 632 295
E-mail: team@teamcompany.com

www.teamcompany.com

