

HOSE REELS

- ◆ **MANUFACTURED IN ITALY BY ELAFLEX**
- ◆ **HIGH QUALITY DESIGN**
- ◆ **CE COMPLIANT, INCLUDING ATEX**
- ◆ **MEETS EUROPEAN HEALTH, SAFETY AND ENVIRONMENTAL STANDARDS**
- ◆ **STANDARD AND CUSTOMER SPECIFIC CONFIGURATIONS AVAILABLE**
- ◆ **COMPLETE REEL, HOSE AND NOZZLE PACKAGES AVAILABLE**
- ◆ **AVAILABLE ON SHORT LEAD TIMES**



Introduction

Aljac Fuelling Components has supplied the Elaflex range of aviation hoses and nozzles for many years, renowned for their exceptional quality and durability in demanding aviation environments. As hoses and nozzles play a critical role in the fuel supply chain, correct storage is essential to prevent unnecessary wear and damage.

Traditionally, hose reels have been a trusted solution for safe and organized hose storage. In response to industry demand, Elaflex has now expanded its product portfolio to include a range of hose reels, offering the same high standards of performance and reliability that customers have come to expect.

Description

Elaflex hose reels are available in a range of standard configurations, with the flexibility to be customised according to the specific requirements of each site. Designed to accommodate operating pressures from 1 to 350 bar, the reels can be built to hold hoses of any length, in sizes ranging from DN 13 to DN 200.

To suit varying spatial constraints, Elaflex can offer drum designs that are 'long and low' for horizontal space optimisation, and 'high and narrow' for more compact vertical installations.

Hose Reel Selection

Hose reels can be designed to specific user requirements, the list below provides details of available options and specific details which would be required.

- Application/media
- Installation dimensions
- Colour
- Open or closed side plates
- Mounting position
- Guiding system and position
- Rewind mechanism (see hose reel types below)
- Remote control system
- Cabinets to house the hose reel

Types of Hose Reel



Manual Rewind

- Hose reel with manual rewind handle.
- Available with chain transmission for larger sizes.



Spring Rewind

- Hose reel with automatic spring loaded rewind system.
- Suitable for retraction of hoses up to 25m in DN 50mm.



Electric Rewind

- Hose reel with electric motor.
- Electric motors available:
AC = 230/400V
DC = 12V / 24V
- ATEX certified.



Hydraulic Rewind

- Hose reel with hydraulic motor.
- The motor is provided with hydraulic operating control levers.



Pneumatic Rewind

- Hose reel with pneumatic motor.
- Available with 'On/Off' kit to operate the hose reel.



Storage Reel

- Hose reel for storage of hose only.
- Available with or without wheels.

Hose Selection

Once the details for the hose reel have been selected, the hose can be specified by providing the information below:

- Hose type (HD-C, TW-E etc.)
- Hose diameter
- Hose length
- Clamp style and material
- Hosetail material, size and female/male for each end

Nozzle Selection

The final step is to select the nozzle required. Either Elaflex overwing nozzles or Eaton Carter® underwing nozzles can be supplied.

Aljac can design and build customised systems for fuelling, defueling, additive injection and metering which can include hose reels. Please contact our Sales Department at sales@aljac.com to discuss your requirements further.