



DRY CHEMICAL SYSTEM WITH HOSE REEL

Italian Excellence
in Fire Protection Technology

MALECO is a manufacturer of a wide range of certified **DRY CHEMICAL POWDER SYSTEMS**, which can be used with extinguishing powders for firefighting applications or civil / industrial / military / and manufacturing.

MALECO DRY CHEMICAL POWDER SYSTEMS are suitable for any field of application, permanently fixed or applied to motor vehicles, trucks or boats, as well as for moving fire brigade operations they can be powered with **Nitrogen** or **CO2** and use dry chemical dust.

Our team of experienced engineers provides technical support that allows you to customize your required equipment for any safety application.

With a simple but robust operating principle, they are the result of complex engineering studies designed to deliver high performance even after long periods of inactivity.

The **MALECO DRY CHEMICAL POWDER SYSTEMS** are designed and built according to the specific technical requirements of the various clients and the products are certified according to **2014/68/EU (EX PED 97/23/EC), ASME VIII DIV. I.**



The construction materials of the hose reel's swivel joint of is made of antifriction material such as bronze with composite seals **VITON + PTFE** with internal passages of **1"1/2**, with very low pressure losses gather to the study of internal fluid dynamics carried out by **MALECO**.

The structure has a modular construction in order to be able to be made with various finishes and materials, such as **Carbon Steel** with polyester powder finish, **Hot Zinc Plating** or **Stainless Steel**.

Tank capacities can range from **100 to 500 kg**.

Each hose reel has an incorporated hose reel that can be equipped with a hose gun or dispensing machine gun with flow rates **up to 2 kg/sec**

Details of special versions on request.





The control panel is totally integrated in the assembly structure or can be supplied loose for remote mounting.

OPERATIONS FEATURES

- Systems suitable for use abc fire extinguishing powders according to en 615 iso 7072 standards
- No. 1 nitrogen tank capacity 14 lt or 27 lt loaded at 200 bar with Nitrogen complete with manual or electric quick discharge valve for remote control Certified T-PED
- No. 1 Pressure reducer from 200 – 12 bar w/safety disc
- No. 1 Safety valve PED CE certified
- No. 1 Control panel w/valves for system control
- Flexible pipes connecting high, and low pressure
- Device for opening exhaust valve
- Discharge ball valve with vitrify PTFE seals complete with pneumatic actuator 20 bar
- High quality exhaust rubber pipe, max lenght 30 mt 38 x 52 / 600 psig – 40 ° + 70 °C



Note: The information contained in this brochure is for information purposes only. MALECO reserves the right to make any changes during the course of construction or during the project.





Maleco Srl

Via Stelvio 1 - 20010 Vittuone (MI) - ITALY
Tel. +39 02 90119081
info@maleco.it
www.maleco-firefightingpumps.it

AN ISO 9001:2015
certified company

