

# Dry powder transfer unit

## TOTEM GALAXY II model

Servicing all types of fire extinguishers and tanks both fixed ones or installed on emergency vehicles



### COMPONENTS AND DEVICES

1. Base with wheels for movement, of which the front ones are rotating and with a brake
2. Suction vacuum pump of great prevalence together with final filter protection
3. Steel painted charge separator including:
  - a. high efficiency micro-porous special filter "Long-Life" type
  - b. filter cleaning device by counter blowing
  - c. vacuum control device
  - d. control device for powder down-flow
4. Charge separator support shaft
5. Adjustment device for charge separator height and integrated worm gear
6. Residual powder container
7. Portable fire extinguishers support
8. Electrical panel with 24 Volt controls

### ADVANTAGES

"TOTEM-GALAXY-II" has been designed in a modern way, taking into consideration the operating requirements commonly encountered during dry powder fire fighting operations (fire fighting vehicles, airport vehicles, etc.) and those of portable fire extinguishers.

Powder suction is generated by a high performance vacuum pump. The filtering system of air/powder separation is based on a high efficiency filter but with reduced maintenance. The big diameter gauged rod and the worm gear allow an easy and precise height adjustment of the charge separator. A specific device for a dynamic vacuum control and the suction pipes equipped with valves allow checking and optimizing the exhauster power to reach the best results depending on the operations. "TOTEM GALAXY -II" is equipped with rubber wheels and a control handle facilitating the movement of the unit in the working area.

TOTEM GALAXY II while filling a tank on-board an airport vehicle



### APPLICATIONS

"TOTEM GALAXY-II" has been designed to carry out filling and emptying operations of dry powders contained in portable extinguishers, wheeled extinguishers, fire fighting vehicles, airport emergency vehicles, etc. During the filling phase, the unit can reach high performances even if it is necessary to take dry powder at several meters in height. Thanks to its functionality, you need a reduced time to achieve filling and emptying operations, also avoiding to waste powder in the environment.

# Dry powder transfer unit



STANDARD ACCESSORIES



OPTIONAL ACCESSORIES



DETAIL OF ELECTRIC PANEL AND VACUUM PUMP



FILLING OF PORTABLE EXTINGUISHER

EMPTYING OF WHEELED EXTINGUISHER

## STANDARD ACCESSORIES

### DESCRIPTION

Kit of suction flexible hoses with quick screwing connection

Kit of powder suction pipes with quick screwing connection

Kit of adapters for portable fire extinguishers filling

Special adapter for powder tank filling

Use and maintenance manual

## OPTIONAL ACCESSORIES

DESCRIPTION	CODE
Steel box container for accessories	APGT009
Powder recovery drum equipped with wheels and handle, capacity 110 litres	ACC/BID100
Extinguishers cone adapter	ACC/ADA03
Remote filling kit VENTURI with cone adapter	MPGT004/020
Electronic control scale model ETW100 – ETW150	

## AVAILABLE MODELS AND TECHNICAL DETAILS

MODEL	TOTEM-GALAXY II
CODE	MPGT004
Powder flow rate (kg /min) * Can change according to the dry powder density and working conditions	12 ÷ 20 *
Voltage/ frequency	400/50
Power	1,5
Working position dimensions (wxlxh)	1100x1300x2300
Transport position dimensions	1100x1300x1700
Weight	200 approx

PER MAGGIORI INFORMAZIONI:  
> FOR FURTHER INFORMATION CONTACT:  
POUR INFORMATIONS CONTACTER:

VANZETTI EQUIPMENT S.r.l.  
Via Avv. Giovanni Agnelli, 10 12033 MORETTA (CN) ITALY  
Tel. +39 0172 915806  
Fax +39 0172 915822

info@vanzettiequipment.com  
www.vanzettiequipment.com



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