

Powder System

Model: DPS - 2000



Unit

- Dry Powder System Capacity: 250, 500, 750 and 1000 Kg
- The tank is manufactured from high quality steel thickness 10 mm for the surface and 12 mm for the top and bottom
- Working pressure is 17.5 bar, testing pressure is 35 bar
- The tank is installed on vertical and horizontal beams, so it can be placed on a trailer, or a fire truck, or on the ground

Inert Gas

- High pressure nitrogen cylinders are used for mixing and pushing the powder to the outside
- Working pressure is 200 bar, testing pressure is 300 bar, burst pressure is 600 bar
- Number of nitrogen cylinders 2 or 4 according to powder tank capacity

Hoses

- 2 hoses 1.5 inch, length: 15 or 30 meters
Hoses are on the side of the tank
- Hoses are equipped to withstand operating pressure
- Hoses can be wrapped around hose reels to facilitate rewinding
- Hose is attached to a powder gun which gives a discharge 5 Kg/sec
- Gun has opening and closing valve

Powder Monitor (optional)

- Powder monitor installed on top of powder tank
- Discharge 40 Kg/sec
- Rotation 360° horizontal and 80° vertical
- Can be operated manually, electrically or hydraulically



Control Panel

- has all the required pressure gauges for the tank and the cylinders,
- a relief valve
- pressure regulator for the nitrogen cylinders
- valves for the reels, the upper monitor and the cylinders
- The Panel is protected against weather conditions
- Discharge valve to the internal pressure.

Cleaning

- After use cleaning for hoses and pipes
- Cleaning the tank and changing the powder from bottom opening
- Filling tank from top opening.
- Cleaning with gas push.

Manufacturing & design are according to NFPA

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