



PLF Single Tank vehicle mounted Dry Powder Units

PLF / A , single tank vehicle mounted with pistol gun connected to rubber hose on reel

Dry powder unit PLF type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- standing (vertical) dry chemical storage tank in carbon steel, capacity 250 to 3.000 lt., designed according to the European Standards 97/23/CE “PED” for a working pressure of 10 bar, design pressure of 12 bar, hydraulic test pressure 17 bar, for filling with 250 to 3.000 kg. dry powder, equipped with:
 - approved safety valve, pressure set 11 bar,
 - charging mouth 3",
 - discharge powder riser pipe,
 - internal gas distribution with syntherized filters,
 - tank pressure gauge with shut off cock,
 - pressurizing connection,
 - washing line with manual operated ball valve to the hose reel with dry powder pistol gun,
 - discharge outlet connected to the discharge powder riser pipe,
- Nitrogen pressurizing battery, mounted on the carbon steel frame, with laying Nitrogen cylinders, 50 lt. capacity each, designed according to the European Standards “TPED” for 200 bar filling pressure, provided with pneumatic operated quick opening valves with emergency manual operation, with high flow pressure reducer provided with high/low pressure gauges,
- dry powder unit control panel provided with:
 - pneumatic control device for actuation of the cylinders nitrogen valves,
 - manually operated ball valve to the hose reel with dry powder pistol gun,
 - manually operated ball valve for washing line,
 - tank vent valve,
 - pressure gauge for tank pressure indication,
 - filled with BC classes or with ABC classes dry powder
- pneumatic connection for compressed air (from the vehicle distribution system) with pressure regulator and filter,
- hose reel, fed by hub, provided with manual rewind device and 20 m. non-kink rubber hose Ø 1", with on/off pistol gun, discharge 2,5 kg./sec.,



- external protective painting of the unit:
 - sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. $\geq 40\mu$,
 - n.2 final polyurethane coat red RAL 3000, d.f.t. $\geq 30\mu$ each,
 - total d.f.t. $\geq 100\mu$
 - self supporting carbon steel frame hot dip galvanized.

Optionally:

- hose with a length of 30 m. or as required by customer
- electric actuator DC or AC powered for the remote control of the operations start of the unit
- electric valve and cylinders status feedback for the remote indication of the unit conditions

PLF / A single tank vehicle mounted dry powder unit filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/A-0K25	0841051010	250	250	20	1	450	08410510
PLF/A-0K50	0841101010	500	500	20	1	500	08411010
PLF/A 0K75	0841151010	750	750	20	2	650	08411510
PLF/A 1K00	0841201010	1000	1000	20	2	800	08412010
PLF/A 1K50	0841251010	1500	1500	20	3	1000	08412510
PLF/A 2K00	0841301010	2000	2000	20	4	1200	08413010
PLF/A 3K00	0841401010	3000	3000	20	6	1600	08414010

PLF / A single tank vehicle mounted dry powder unit filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/A-0K25	0841051020	250	220	20	1	450	08410510
PLF/A-0K50	0841101020	500	450	20	1	500	08411010
PLF/A 0K75	0841151020	750	670	20	2	650	08411510
PLF/A 1K00	0841201020	1000	900	20	2	800	08412010
PLF/A 1K50	0841251020	1500	1350	20	3	1000	08412510
PLF/A 2K00	0841301020	2000	1800	20	4	1200	08413010
PLF/A 3K00	0841401020	3000	2700	20	6	1600	08414010

**PLF / B, single tank vehicle mounted with pistol gun connected to flexible hose**

Dry powder unit PLF type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- standing (vertical) dry chemical storage tank in carbon steel, capacity 250 to 3.000 lt., designed according to the European Standards 97/23/CE “PED” for a working pressure of 10 bar, design pressure of 12 bar, hydraulic test pressure 17 bar, for filling with 250 to 3.000 kg. dry powder, equipped with:
 - approved safety valve, pressure set 11 bar,
 - charging mouth 3",
 - discharge powder riser pipe,
 - internal gas distribution with syntherized filters,
 - tank pressure gauge with shut off cock,
 - pressurizing connection,
 - washing line with manual operated ball valve to the flexible hose with dry powder pistol gun,
 - discharge outlet connected to the discharge powder riser pipe,
- Nitrogen pressurizing battery, mounted on the carbon steel frame, with laying Nitrogen cylinders, 50 lt. capacity each, designed according to the European Standards “TPED” for 200 bar filling pressure, provided with pneumatic operated quick opening valves with emergency manual operation, with high flow pressure reducer provided with high/low pressure gauges,
- dry powder unit control panel provided with:
 - pneumatic control device for actuation of the cylinders nitrogen valves,
 - manually operated ball valve to the flexible hose with dry powder pistol gun,
 - manually operated ball valve for washing line,
 - tank vent valve,
 - pressure gauge for tank pressure indication,
 - filled with AB classes or with ABC classes dry powder
- pneumatic connection for compressed air (from the vehicle distribution system) with pressure regulator and filter,
- flexible hose Ø 1", length 20 m., with circular woven jacket 100% polyester, external polyurethane protective cover, red color, internal lining synthetic rubber with on/off pistol gun, discharge 2,5 kg./sec.,



- external protective painting of the unit:
 - sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. $\geq 40\mu$,
 - n.2 final polyurethane coat red RAL 3000, d.f.t. $\geq 30\mu$ each,
 - total d.f.t. $\geq 100\mu$
 - self supporting carbon steel frame hot dip galvanized.

Optionally:

- flexible hose with a length of 30 m. or as required by customer
- electric actuator DC or AC powered for the remote control of the operations start of the unit
- electric valve and cylinders status feedback for the remote indication of the unit conditions

PLF / B single tank vehicle mounted dry powder unit filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/B-0K25	0841054010	250	250	20	1	450	08410540
PLF/B-0K50	0841104010	500	500	20	1	500	08411040
PLF/B 0K75	0841154010	750	750	20	2	650	08411540
PLF/B 1K00	0841204010	1000	1000	20	2	800	08412040
PLF/B 1K50	0841254010	1500	1500	20	3	1000	08412540
PLF/B 2K00	0841304010	2000	2000	20	4	1200	08413040
PLF/B 3K00	0841404010	3000	3000	20	6	1600	08414040

PLF / B single tank vehicle mounted dry powder unit filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/B-0K25	0841054020	250	220	20	1	450	08410540
PLF/B-0K50	0841104020	500	450	20	1	500	08411040
PLF/B 0K75	0841154020	750	670	20	2	650	08411540
PLF/B 1K00	0841204020	1000	900	20	2	800	08412040
PLF/B 1K50	0841254020	1500	1350	20	3	1000	08412540
PLF/B 2K00	0841304020	2000	1800	20	4	1200	08413040
PLF/B 3K00	0841404020	3000	2700	20	6	1600	08414040

**PLF / AM , single tank vehicle mounted with pistol gun connected to rubber hose with reel and flange for Monitor connection**

Dry powder unit PLF type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- standing (vertical) dry chemical storage tank in carbon steel, capacity 250 to 3.000 lt., designed according to the European Standards 97/23/CE "PED" for a working pressure of 10 bar, design pressure of 12 bar, hydraulic test pressure 17 bar, for filling with 250 to 3.000 kg. dry powder, equipped with:
 - approved safety valve, pressure set 11 bar,
 - charging mouth 3",
 - discharge powder riser pipe,
 - internal gas distribution with sinterized filters,
 - tank pressure gauge with shut off cock,
 - pressurizing connection,
 - washing line with manual operated ball valve to the hose reel with dry powder pistol gun,
 - discharge outlet connected to the discharge powder riser pipe,
- Nitrogen pressurizing battery, mounted on the carbon steel frame, with laying Nitrogen cylinders, 50 lt. capacity each, designed according to the European Standards "TPED" for 200 bar filling pressure, provided with pneumatic operated quick opening valves with emergency manual operation, with high flow pressure reducer provided with high/low pressure gauges,
- dry powder unit control panel provided with:
 - pneumatic control device for actuation of the cylinders nitrogen valves,
 - manually operated ball valve to the hose reel with dry powder pistol gun,
 - manually operated ball valve to monitor pipe,
 - manually operated ball valve for washing line,
 - tank vent valve,
 - pressure gauge for tank pressure indication,
 - filled with AB classes or with ABC classes dry powder
- pneumatic connection for compressed air (from the vehicle distribution system) with pressure regulator and filter,
- hose reel, fed by hub, provided with manual rewind device and 20 m. non-kink rubber hose Ø 1",
with on/off pistol gun, discharge 2,5 kg./sec.,
- vertical ASA 3" or DIN 80 flange for the direct connection of a Caccialanza powder monitor type A3 PL



- external protective painting of the unit:
- sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. $\geq 40\mu$,
- n.2 final polyurethane coat red RAL 3000, d.f.t. $\geq 30\mu$ each,
- total d.f.t. $\geq 100\mu$
- self supporting carbon steel frame hot dip galvanized.

Optionally:

- hose with a length of 30 m. or as required by customer
- electric actuator DC or AC powered for the remote control of the operations start of the unit
- electric actuator DC or AC powered for the remote control of the monitor pipe
- electric valve and cylinders status feedback for the remote indication of the unit conditions

PLF / AM single tank vehicle mounted dry powder unit with ASA 3" monitor flange filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/AM 0K75	0841151310	750	750	20	2	750	08411513
PLF/AM 1K00	0841201310	1000	1000	20	2	900	08412013
PLF/AM1K50	0841251310	1500	1500	20	3	1100	08412513
PLF/AM 2K00	0841301310	2000	2000	20	4	1300	08413013
PLF/AM 3K00	0841401310	3000	3000	20	6	1700	08414013
PLF / AM single tank vehicle mounted dry powder unit with DIN 80 monitor flange filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/AM 0K75	0841151410	750	750	20	2	750	08411513
PLF/AM 1K00	0841201410	1000	1000	20	2	900	08412013
PLF/AM 1K50	0841251410	1500	1500	20	3	1100	08412513
PLF/AM 2K00	0841301410	2000	2000	20	4	1300	08413013
PLF/AM 3K00	0841401410	3000	3000	20	6	1700	08414013

PLF / AM single tank vehicle mounted dry powder unit with ASA 3" monitor flange filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/AM 0K75	0841151320	750	670	20	2	750	08411513
PLF/AM 1K00	0841201320	1000	900	20	2	900	08412013
PLF/AM1K50	0841251320	1500	1350	20	3	1100	08412513
PLF/AM 2K00	0841301320	2000	1800	20	4	1300	08413013
PLF/AM 3K00	0841401320	3000	2700	20	6	1700	08414013
PLF / AM single tank vehicle mounted dry powder unit with DIN 80 monitor flange filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/AM 0K75	0841151420	750	670	20	2	750	08411513
PLF/AM 1K00	0841201420	1000	900	20	2	900	08412013
PLF/AM 1K50	0841251420	1500	1350	20	3	1100	08412513
PLF/AM 2K00	0841301420	2000	1800	20	4	1300	08413013
PLF/AM 3K00	0841401420	3000	2700	20	6	1700	08414013

**PLF / BM, single tank vehicle mounted with flexible hose connected to pistol gun and flange for Monitor connection**

Dry powder unit PLF type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- standing (vertical) dry chemical storage tank in carbon steel, capacity 250 to 3.000 lt., designed according to the European Standards 97/23/CE "PED" for a working pressure of 10 bar, design pressure of 12 bar, hydraulic test pressure 17 bar, for filling with 250 to 3.000 kg. dry powder, equipped with:
 - approved safety valve, pressure set 11 bar,
 - charging mouth 3",
 - discharge powder riser pipe,
 - internal gas distribution with sinterized filters,
 - tank pressure gauge with shut off cock,
 - pressurizing connection,
 - washing line with manual operated ball valve to the flexible hose with dry powder pistol gun,
 - discharge outlet connected to the discharge powder riser pipe,
- Nitrogen pressurizing battery, mounted on the carbon steel frame, with laying Nitrogen cylinders, 50 lt. capacity each, designed according to the European Standards "TPED" for a 200 bar filling pressure, provided with pneumatic operated quick opening valves with emergency manual operation, with high flow pressure reducer provided with high/low pressure gauges,
- dry powder unit control panel provided with:
 - pneumatic control device for actuation of the cylinders nitrogen valves,
 - manually operated ball valve to the flexible hose with dry powder pistol gun,
 - manually operated ball valve to monitor pipe,
 - manually operated ball valve for washing line,
 - tank vent valve,
 - pressure gauge for tank pressure indication,
 - filled with AB classes or with ABC classes dry powder
- pneumatic connection for compressed air (from the vehicle distribution system) with pressure regulator and filter,
- flexible hose Ø 1", length 20 m., with circular woven jacket 100% polyester, external polyurethane protective cover, red color, internal lining synthetic rubber with on/off pistol gun, discharge 2,5 kg./sec.,
- vertical ASA 3" or DIN 80 flange for the direct connection of a Caccialanza powder monitor type A3 PL



- external protective painting of the unit:
 - sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. $\geq 40\mu$,
 - n.2 final polyurethane coat red RAL 3000, d.f.t. $\geq 30\mu$ each,
 - total d.f.t. $\geq 100\mu$
 - self supporting carbon steel frame hot dip galvanized.

Optionally:

- flexible hose with a length of 30 m. or as required by customer
- electric actuator DC or AC powered for the remote control of the operations start of the unit
- electric actuator DC or AC powered for the remote control of the monitor pipe
- electric valve and cylinders status feedback for the remote indication of the unit conditions

PLF / BM single tank vehicle mounted dry powder unit with ASA 3" monitor flange filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/BM 0K75	0841152310	750	750	20	2	750	08411543
PLF/BM 1K00	0841202310	1000	1000	20	2	900	08412043
PLF/BM1K50	0841252310	1500	1500	20	3	1100	08412543
PLF/BM 2K00	0841302310	2000	2000	20	4	1300	08413043
PLF/BM 3K00	0841402310	3000	3000	20	6	1700	08414043
PLF / BM single tank vehicle mounted dry powder unit with DIN 80 monitor flange filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/BM 0K75	0841152410	750	750	20	2	750	08411543
PLF/BM 1K00	0841202410	1000	1000	20	2	900	08412043
PLF/BM 1K50	0841252410	1500	1500	20	3	1100	08412543
PLF/BM 2K00	0841302410	2000	2000	20	4	1300	08413043
PLF/BM 3K00	0841402410	3000	3000	20	6	1700	08414043

PLF / BM single tank vehicle mounted dry powder unit with ASA 3" monitor flange filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/BM 0K75	0841152320	750	670	20	2	750	08411543
PLF/BM 1K00	0841202320	1000	900	20	2	900	08412043
PLF/BM1K50	0841252320	1500	1350	20	3	1100	08412543
PLF/BM 2K00	0841302320	2000	1800	20	4	1300	08413043
PLF/BM 3K00	0841402320	3000	2700	20	6	1700	08414043
PLF / BM single tank vehicle mounted dry powder unit with DIN 80 monitor flange filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLF/BM 0K75	0841152420	750	670	20	2	750	08411543
PLF/BM 1K00	0841202420	1000	900	20	2	900	08412043
PLF/BM 1K50	0841252420	1500	1350	20	3	1100	08412543
PLF/BM 2K00	0841302420	2000	1800	20	4	1300	08413043
PLF/BM 3K00	0841402420	3000	2700	20	6	1700	08414043