



PLF 2x Twin Tanks vehicle mounted Dry Powder Units

PLF / A 2x , twin tanks vehicle mounted with pistol gun connected to rubber hose on reel

Dry powder unit PLF 2x type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- 2 standing (vertical) dry chemical storage tanks 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, each 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,
- 2 Nitrogen pressurizing batteries, 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, each 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:
 - 2 pneumatic control devices for actuation of the cylinders nitrogen valves,
 - 2 manually operated ball valves to the hose reel with dry powder pistol gun,
 - 2 manually operated ball valves for washing line,
 - 2 tank vent valves,
 - 2 pressure gauges 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 actuators DC or AC powered for the remote control of the operations start of the unit
- electric valves and cylinders status feedback for the remote indication of the unit conditions

PLF / A 2x twin tanks 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 2X-0K25	0842051010	2x250	2x250	20	1+1	800	08420510
PLF/A 2X-0K50	0842101010	2x500	2x500	20	1+1	900	08421010
PLF/A 2X 0K75	0842151010	2x750	2x750	20	2+2	1200	08421510
PLF/A 2X 1K00	0842201010	2x1000	2x1000	20	2+2	1500	08422010
PLF/A 2X 1K50	0842251010	2x1500	2x1500	20	3+2	1900	08422510
PLF/A 2X 2K00	0842301010	2x2000	2x2000	20	4+4	2300	08423010
PLF/A 2X 3K00	0842401010	2x3000	2x3000	20	6+6	3100	08424010

PLF / A 2x twin tanks 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 2X-0K25	0842051020	2x250	2x220	20	1+1	800	08420510
PLF/A 2X-0K50	0842101020	2x500	2x450	20	1+1	900	08421010
PLF/A 2X 0K75	0842151020	2x750	2x670	20	2+2	1200	08421510
PLF/A 2X 1K00	0842201020	2x1000	2x900	20	2+2	1500	08422010
PLF/A 2X 1K50	0842251020	2x1500	2x1350	20	3+2	1900	08422510
PLF/A 2X 2K00	0842301020	2x2000	2x1800	20	4+4	2300	08423010
PLF/A 2X 3K00	0842401020	2x3000	2x2700	20	6+6	3100	08424010

**PLF / B 2x, twin tanks vehicle mounted with pistol gun connected to flexible hose**

Dry powder unit PLF 2x type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- 2 standing (vertical) dry chemical storage tanks 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, each equipped with:
 - approved safety valve, pressure set 11 bar,
 - charging mouth 3",
 - discharge powder riser pipe,
 - internal gas distribution with synthesized 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,
- 2 Nitrogen pressurizing batteries, 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, each 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:
 - 2 pneumatic control devices for actuation of the cylinders nitrogen valves,
 - 2 manually operated ball valves to the flexible hose with dry powder pistol gun,
 - 2 manually operated ball valves for washing line,
 - 2 tank vent valves,
 - 2 pressure gauges 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 actuators DC or AC powered for the remote control of the operations start of the unit
- electric valves and cylinders status feedback for the remote indication of the unit conditions

PLF / B 2x twin tanks 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 2X-0K25	0842054010	2x250	2x250	20	1+1	800	08420540
PLF/B 2X-0K50	0842104010	2x500	2x500	20	1+1	900	08421040
PLF/B 2X 0K75	0842154010	2x750	2x750	20	2+2	1200	08421540
PLF/B 2X 1K00	0842204010	2x1000	2x1000	20	2+2	1500	08422040
PLF/B 2X 1K50	0842254010	2x1500	2x1500	20	3+2	1900	08422540
PLF/B 2X 2K00	0842304010	2x2000	2x2000	20	4+4	2300	08423040
PLF/B 2X 3K00	0842404010	2x3000	2x3000	20	6+6	3100	08424040

PLF / B 2x twin tanks 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 2X-0K25	0842054020	2x250	2x220	20	1+1	800	08420540
PLF/B 2X-0K50	0842104020	2x500	2x450	20	1+1	900	08421040
PLF/B 2X 0K75	0842154020	2x750	2x670	20	2+2	1200	08421540
PLF/B 2X 1K00	0842204020	2x1000	2x900	20	2+2	1500	08422040
PLF/B 2X 1K50	0842254020	2x1500	2x1350	20	3+2	1900	08422540
PLF/B 2X 2K00	0842304020	2x2000	2x1800	20	4+4	2300	08423040
PLF/B 2X 3K00	0842404020	2x3000	2x2700	20	6+6	3100	08424040

**PLF / AM 2x, twin tanks vehicle mounted with pistol gun connected to rubber hose with reel and flange for Monitor connection**

Dry powder unit PLF 2x type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- 2 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, each 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,
- 2 Nitrogen pressurizing batteries, 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, each 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:
 - 2 pneumatic control devices for actuation of the cylinders nitrogen valves,
 - 2 manually operated ball valves to the hose reel with dry powder pistol gun,
 - manually operated ball valve to monitor pipe,
 - 2 manually operated ball valves for washing line,
 - 2 tank vent valve,
 - 2 pressure gauges 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 actuators 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 valves and cylinders status feedback for the remote indication of the unit conditions

PLF / AM 2x twin tanks 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 2X 0K75	0842151310	2x750	2x750	20	2+2	1300	08421513
PLF/AM 2X 1K00	0842201310	2x1000	2x1000	20	2+2	1600	08422013
PLF/AM 2X 1K50	0842251310	2x1500	2x1500	20	3+2	2000	08422513
PLF/AM 2X 2K00	0842301310	2x2000	2x2000	20	4+4	2400	08423013
PLF/AM 2X 3K00	0842401310	2x3000	2x3000	20	6+6	3200	08424013
PLF / AM 2x twin tanks 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 2X 0K75	0842151410	2x750	2x670	20	2+2	1300	08421513
PLF/AM 2X 1K00	0842201410	2x1000	2x900	20	2+2	1600	08422013
PLF/AM 2X 1K50	0842251410	2x1500	2x1350	20	3+2	2000	08422513
PLF/AM 2X 2K00	0842301410	2x2000	2x1800	20	4+4	2400	08423013
PLF/AM 2X 3K00	0842401410	2x3000	2x2700	20	6+6	3200	08424013



PLF / AM 2x twin tanks 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 2X 0K75	0842151320	2x750	2x750	20	2+2	1300	08421513
PLF/AM 2X 1K00	0842201320	2x1000	2x1000	20	2+2	1600	08422013
PLF/AM 2X 1K50	0842251320	2x1500	2x1500	20	3+2	2000	08422513
PLF/AM 2X 2K00	0842301320	2x2000	2x2000	20	4+4	2400	08423013
PLF/AM 2X 3K00	0842401320	2x3000	2x3000	20	6+6	3200	08424013
PLF / AM 2x twin tanks 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 2X 0K75	0842151420	2x750	2x670	20	2+2	1300	08421513
PLF/AM 2X 1K00	0842201420	2x1000	2x900	20	2+2	1600	08422013
PLF/AM 2X 1K50	0842251420	2x1500	2x1350	20	3+2	2000	08422513
PLF/AM 2X 2K00	0842301420	2x2000	2x1800	20	4+4	2400	08423013
PLF/AM 2X 3K00	0842401420	2x3000	2x2700	20	6+6	3200	08424013

**PLF / BM 2x, twin tanks vehicle mounted with flexible hose connected to pistol gun and flange for Monitor connection**

Dry powder unit PLF 2x type, for installation on truck chassis, mounted on galvanized self supporting carbon steel frame with lifting eyes, mainly consisting in:

- 2 standing (vertical) dry chemical storage tanks 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, each 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,
- 2 Nitrogen pressurizing batteries, 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, each 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:
 - 2 pneumatic control devices for actuation of the cylinders nitrogen valves,
 - 2 manually operated ball valves to the flexible hose with dry powder pistol gun,
 - manually operated ball valve to monitor pipe,
 - 2 manually operated ball valves for washing line,
 - 2 tank vent valves,
 - 2 pressure gauges 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 actuators 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 valves and cylinders status feedback for the remote indication of the unit conditions

PLF / BM 2x twin tanks 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 2X 0K75	0842152310	2x750	2x750	20	2+2	1300	08421543
PLF/BM 2X 1K00	0842202310	2x1000	2x1000	20	2+2	1600	08422043
PLF/BM 2X 1K50	0842252310	2x1500	2x1500	20	3+2	2000	08422543
PLF/BM 2X 2K00	0842302310	2x2000	2x2000	20	4+4	2400	08423043
PLF/BM 2X 3K00	0842402310	2x3000	2x3000	20	6+6	3200	08424043
PLF / BM 2x twin tanks 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 2X 0K75	0842152410	2x750	2x670	20	2+2	1300	08421543
PLF/BM 2X 1K00	0842202410	2x1000	2x900	20	2+2	1600	08422043
PLF/BM 2X 1K50	0842252410	2x1500	2x1350	20	3+2	2000	08422543
PLF/BM 2X 2K00	0842302410	2x2000	2x1800	20	4+4	2400	08423043
PLF/BM 2X 3K00	0842402410	2x3000	2x2700	20	6+6	3200	08424043



PLF / BM 2x twin tanks 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 2X 0K75	0842152320	2x750	2x750	20	2+2	1300	08421543
PLF/BM 2X 1K00	0842202320	2x1000	2x1000	20	2+2	1600	08422043
PLF/BM 2X1K50	0842252320	2x1500	2x1500	20	3+2	2000	08422543
PLF/BM 2X 2K00	0842302320	2x2000	2x2000	20	4+4	2400	08423043
PLF/BM 2X 3K00	0842402320	2x3000	2x3000	20	6+6	3200	08424043
PLF / BM 2x twin tanks 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 2X 0K75	0842152420	2x750	2x670	20	2+2	1300	08421543
PLF/BM 2X 1K00	0842202420	2x1000	2x900	20	2+2	1600	08422043
PLF/BM 2X 1K50	0842252420	2x1500	2x1350	20	3+2	2000	08422543
PLF/BM 2X 2K00	0842302420	2x2000	2x1800	20	4+4	2400	08423043
PLF/BM 2X 3K00	0842402420	2x3000	2x2700	20	6+6	3200	08424043