



PLA Single Tank Dry Powder Units

PLA / A , single tank with pistol gun connected to rubber hose on reel

Dry powder unit PLA type, for fixed installation,
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 standing 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 (unregulated pressure input 5 to 10 bar) 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

PLA / A single tank dry powder unit filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLA/A-0K25	0831051010	250	250	20	1	450	08310510
PLA/A-0K50	0831101010	500	500	20	1	500	08311010
PLA/A 0K75	0831151010	750	750	20	2	650	08311510
PLA/A 1K00	0831201010	1000	1000	20	2	800	08312010
PLA/A 1K50	0831251010	1500	1500	20	3	1000	08312510
PLA/A 2K00	0831301010	2000	2000	20	4	1200	08313010
PLA/A 3K00	0831401010	3000	3000	20	6	1600	08314010

PLA / A single tank dry powder unit filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLA/A-0K25	0831051020	250	220	20	1	450	08310510
PLA/A-0K50	0831101020	500	450	20	1	500	08311010
PLA/A 0K75	0831151020	750	670	20	2	650	08311510
PLA/A 1K00	0831201020	1000	900	20	2	800	08312010
PLA/A 1K50	0831251020	1500	1350	20	3	1000	08312510
PLA/A 2K00	0831301020	2000	1800	20	4	1200	08313010
PLA/A 3K00	0831401020	3000	2700	20	6	1600	08314010



PLA / B, single tank with pistol gun connected to flexible hose

Dry powder unit PLA type, for fixed installation,
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 standing 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 (unregulated pressure input 5 to 10 bar) 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

PLA / B single tank dry powder unit filled with BC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. nr.
PLA/B-0K25	0831054010	250	250	20	1	450	08310540
PLA/B-0K50	0831104010	500	500	20	1	500	08311040
PLA/B 0K75	0831154010	750	750	20	2	650	08311540
PLA/B 1K00	0831204010	1000	1000	20	2	800	08312040
PLA/B 1K50	0831254010	1500	1500	20	3	1000	08312540
PLA/B 2K00	0831304010	2000	2000	20	4	1200	08313040
PLA/B 3K00	0831404010	3000	3000	20	6	1600	08314040

PLA / B single tank dry powder unit filled with ABC powder							
Type	Code nr.	Capacity (lt.)	Powder quantity (kg)	Hose length	Nitrogen cylinders	Weight (Kg)	Dwg. Nr.
PLA/B-0K25	0831054020	250	220	20	1	450	08310540
PLA/B-0K50	0831104020	500	450	20	1	500	08311040
PLA/B 0K75	0831154020	750	670	20	2	650	08311540
PLA/B 1K00	0831204020	1000	900	20	2	800	08312040
PLA/B 1K50	0831254020	1500	1350	20	3	1000	08312540
PLA/B 2K00	0831304020	2000	1800	20	4	1200	08313040
PLA/B 3K00	0831404020	3000	2700	20	6	1600	08314040



PLA / AM , single tank with pistol gun connected to rubber hose with reel and flange for Monitor connection

Dry powder unit PLA type, for fixed installation,
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 standing 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 (unregulated pressure input 5 to 10 bar) 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

PLA / AM single tank 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.
PLA/AM 0K75	0831151310	750	750	20	2	750	08311513
PLA/AM 1K00	0831201310	1000	1000	20	2	900	08312013
PLA/AM1K50	0831251310	1500	1500	20	3	1100	08312513
PLA/AM 2K00	0831301310	2000	2000	20	4	1300	08313013
PLA/AM 3K00	0831401310	3000	3000	20	6	1700	08314013

PLA / AM single tank 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.
PLA/AM 0K75	0831151410	750	750	20	2	750	08311513
PLA/AM 1K00	0831201410	1000	1000	20	2	900	08312013
PLA/AM 1K50	0831251410	1500	1500	20	3	1100	08312513
PLA/AM 2K00	0831301410	2000	2000	20	4	1300	08313013
PLA/AM 3K00	0831401410	3000	3000	20	6	1700	08314013

PLA / AM single tank 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.
PLA/AM 0K75	0831151320	750	670	20	2	750	08311513
PLA/AM 1K00	0831201320	1000	900	20	2	900	08312013
PLA/AM1K50	0831251320	1500	1350	20	3	1100	08312513
PLA/AM 2K00	0831301320	2000	1800	20	4	1300	08313013
PLA/AM 3K00	0831401320	3000	2700	20	6	1700	08314013

PLA / AM single tank 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.
PLA/AM 0K75	0831151420	750	670	20	2	750	08311513
PLA/AM 1K00	0831201420	1000	900	20	2	900	08312013
PLA/AM 1K50	0831251420	1500	1350	20	3	1100	08312513
PLA/AM 2K00	0831301420	2000	1800	20	4	1300	08313013
PLA/AM 3K00	0831401420	3000	2700	20	6	1700	08314013



PLA / BM, single tank with flexible hose connected to pistol gun and flange for Monitor connection

Dry powder unit PLA type, for fixed installation,
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 standing 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 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 (unregulated pressure input 5 to 10 bar) 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 P



- 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

PLA / BM single tank 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.
PLA/BM 0K75	0831152310	750	750	20	2	750	08311543
PLA/BM 1K00	0831202310	1000	1000	20	2	900	08312043
PLA/BM1K50	0831252310	1500	1500	20	3	1100	08312543
PLA/BM 2K00	0831302310	2000	2000	20	4	1300	08313043
PLA/BM 3K00	0831402310	3000	3000	20	6	1700	08314043

PLA / BM single tank 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.
PLA/BM 0K75	0831152410	750	750	20	2	750	08311543
PLA/BM 1K00	0831202410	1000	1000	20	2	900	08312043
PLA/BM 1K50	0831252410	1500	1500	20	3	1100	08312543
PLA/BM 2K00	0831302410	2000	2000	20	4	1300	08313043
PLA/BM 3K00	0831402410	3000	3000	20	6	1700	08314043

PLA / BM single tank 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.
PLA/BM 0K75	0831152320	750	670	20	2	750	08311543
PLA/BM 1K00	0831202320	1000	900	20	2	900	08312043
PLA/BM1K50	0831252320	1500	1350	20	3	1100	08312543
PLA/BM 2K00	0831302320	2000	1800	20	4	1300	08313043
PLA/BM 3K00	0831402320	3000	2700	20	6	1700	08314043

PLA / BM single tank 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.
PLA/BM 0K75	0831152420	750	670	20	2	750	08311543
PLA/BM 1K00	0831202420	1000	900	20	2	900	08312043
PLA/BM 1K50	0831252420	1500	1350	20	3	1100	08312543
PLA/BM 2K00	0831302420	2000	1800	20	4	1300	08313043
PLA/BM 3K00	0831402420	3000	2700	20	6	1700	08314043