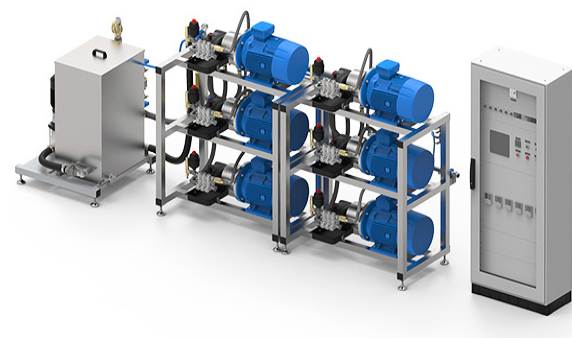


Centralized washing system Multi-Pressure from 20 to 130 Bar

2.3



Modula Plus is based on the same philosophy as the **FMT6** concept, but with **high flow rate pump systems and inverter**. The combination of **high efficiency electric motor and inverter**, together with a control system acting through a dedicated electronic control unit has resulted an innovative, reliable variable speed unit, adaptable to all industrial washing needs. As with all inverter systems, **Modula Plus** is in line with the new **"Green Industry"** trends to **reduce energy waste**, helping to save on electrical consumption and above all respecting the surrounding environment.

The use of **inverters** improves energy efficiency, obtaining:

- Energy savings of as much as 30-40% depending on load;
- More rational use of the motor and pump, extending their working life;
- Less heat dissipated by the electric motor;
- Less vibration on start up and operation of the pump assembly, thanks to modulation of power in relation to the flow rates required;
- Electrical circuit optimised in both the transient and full-load current drawn;
- Return on investment generally in less than 24 months;
- Less maintenance;



Elementi comuni a tutti gli impianti Modula Plus 2



LCD+PLC



Special piston pump

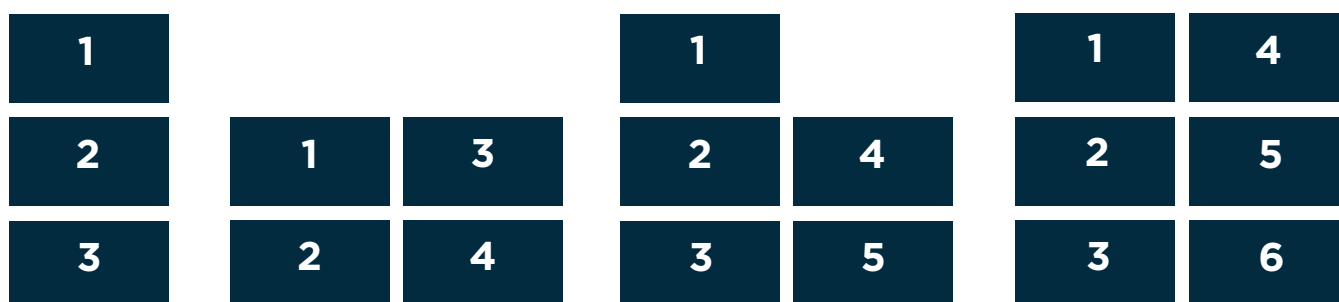


Electrical panel

Centralized washing system Multi-Pressure from 20 to 130 Bar

2.3

Modules configuration



Available configurations

CODE	MAX. FLOW RATE (lt/min)	N° OF PUMPS	ADJUSTABLE PRESSURE (Bar)	POWER (KW)	RPM	WEIGHT	DIMENSIONS LxHxP (mm)	MAX. IN-LET TEMPERATURE	MAX. N° OF USERS
10.1243.00	180	3x60 lt	20 - 150	55,5	1000	900	1595 x 1800 x 835	75°C	9 - 12
10.3836.00	240	4x60 lt	20 - 150	74	1000	1200	2995 x 1281 x 835	75°C	12 - 15
10.2456.00	300	5x60 lt	20 - 150	92,5	1000	1500	2850 x 1810 x 832	75°C	15 - 18
10.1095.00	360	6x60 lt	20 - 150	111	1000	1800	2850 x 1810 x 831	75°C	18 - 24

Technical features

- Low voltage controls (24 volt)
- Working pressure adjustment
- Water flow rate adjustment
- Control module with Touchscreen Electronic Control Unit
- PID system for the pump pressure control
- Transducer of pressure control 4/20 mA
- Temperature sensor
- Contemporary use of more lances at the same time
- Switch off of the pumps in excess till the total switch off of the pumps if not used
- Possibility to have different pressure and flow in different washing zones
- Water lack contro
- Over temperature safety contro
- Block of the plant in case of breack of h.p. hose
- Additional control on the entire system
- IP65 control power panel
- Piston pump (75 ° C)
- Structure made of stainless steel
- Available in 4.0 configuration

Centralized washing system Multi-Pressure from 20 to 130 Bar

2.3

Optional accessories



S/s washing lance cm 90 without nozzle complete of pin $\varnothing$ 14 **Sec. 9.4 - Cod. 10.2219.00**



S/s nozzle 1/8"
Sec. 9.7



Gun with coupling $\varnothing$ 14
Sec. 9.9 - Cod. 10.1364.00



H.p. hose R2 " L= 15 or 20 mt..
Sec. 9.10 - Cod. 10.3534.00 - RZ
Cod. 10.3474.00 - RZ



S/S Stainless Steel
Manual Hose Reel 20 mt
Sec. 9.2 - Cod. 10.1495.00 - R/X
Cod. 10.3488.00 - R/Z



S/S Automatic Hose Reel
High Pressure 20 mt
Sec. 9.1 - Cod. 10.5007.00
Cod. 10.5019.00 - R/X



Quick coupling and fittings
Sec. 9.11



Wide range of foam dispenser stations - Stationary and mobile
Sec. 7.7 - 7.8



300 Lt plastic feeding tank complete
with controls and pump - S/s frame
Sec. 9.16-Cod. 10.3891.00-0,75 (3P)
cod. 10.3960.00 (4-5P)
cod. 10.3961.00 (6P)

Centralized washing system Multi-Pressure from 20 to 130 Bar

2.3

Optional accessories



Ball valve Inox AISI 316 A.P. ½ "
FF with Lever
Sec. 9.15 Cod. 40.3018.00



Stainless steel wall holder for lances
with Ø 14 pin
Sec. 9.17 Cod. 20.05



Foam Lance
Sec. 9.8 - Cod. 10.2218.00