



2022 PRODUCT

CATALOG

INDUSTRIAL & DOMESTIC DESCALING SYSTEMS AND EQUIPMENTS

- TM01

1

Descaling Pump | Power Flushing Machine

Single way Flushing



Model

TM01

Tank Capacity

15 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

13 Kg.

Dimencions (UxDxY)

31x24x36 cm



Inlet/Outlet Hoses

Dual Reversible Flushing



Model

TM02

Tank Capacity

15 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

13 Kg.

Dimencions (UxDxY)

31x24x36 cm

Flow reverse valve



Inlet/Outlet Hoses Set

- TM03/1 |

3 Descaling Pump | Power Flushing Machine

Single way Flushing



Model

TM03/1

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

40x55x60 cm



Inlet/Outlet Hoses

Dual Reversible Flushing



Model

TM03/5

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

40x55x60 cm

Follow reverse valve



Inlet/Outlet Hoses Set

- TM03/2 |

5 Descaling Pump | Power Flushing Machine

Single way Flushing Heater



Model

TM03/2

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

31x24x36 cm

Setable Thermostatic
Heater



Inlet/Outlet Hoses

Dual Reversible Flushing

Heater



Model

TM03/6

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

31x24x36 cm

Setable Thermostatic
Heater



Flow reverse valve



Inlet/Outlet Hoses Set

- TM03/3 |

7 Descaling Pump | Power Flushing Machine

Single way Flushing

Magnetic Filter



Model

TM03/3

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

31x24x36 cm

Magnetic & Strainer Filter



Inlet/Outlet Hoses

Dual Reversible Flushing Magnetic Filter



Model

TM03/7

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

31x24x36 cm

Magnetic & Strainer Filter



Flow reverse valve



Inlet/Outlet Hoses Set

- TM03/4 |

9

Descaling Pump | Power Flushing Machine

Single way Flushing

Magnetic Filter

Heater



Model

TM03/4

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

31x24x36 cm



Setable Thermostatic Heater



Magnetic & Strainer Filter



Inlet/Outlet Hoses

Dual Reversible Flushing

Magnetic Filter

Heater



Model

TM03/8

Tank Capacity

25 Lt.

Pressure

1,5 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

15 Kg.

Dimencions (UxDxY)

31x24x36 cm

Setable Thermostatic Heater



Flow reverse valve

Magnetic & Strainer Filter

Inlet/Outlet Hoses Set

- TM04/1 |

11 Descaling Pump | Power Flushing Machine

Single way Flow



Model

TM04/1

Tank Capacity

40 Lt.

Pressure

2,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

550 Watt

Weight

22 Kg.

Dimencions (UxDxY)

64x42x70 cm



Inlet/Outlet Hoses

Dual Reversible Flushing



Model

TM04/5

Tank Capacity

40 Lt.

Pressure

2,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

550 Watt

Weight

22 Kg.

Dimencions (UxDxY)

64x42x70 cm

Flow reverse valve



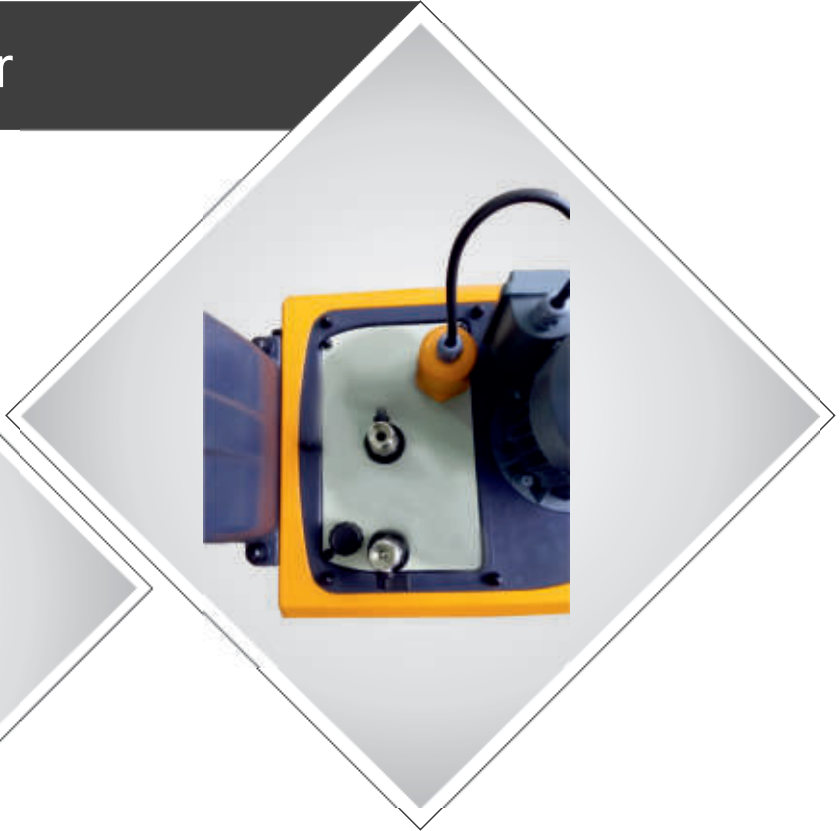
Inlet/Outlet Hoses Set

- TM04/2 |

13 Descaling Pump | Power Flushing Machine

Single Flow

Heater



Model

TM04/2

Tank Capacity

40 Lt.

Pressure

2,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

550 Watt

Weight

22 Kg.

Dimencions (UxDxY)

64x42x70 cm

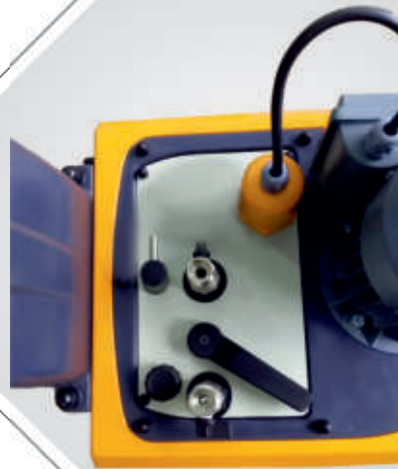
Setable thermostatic heater
1500 watt



Inlet/Outlet Hoses

Dual Reversible

Heater



Model

TM04/6

Tank Capacity

40 Lt.

Pressure

2,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

550 Watt

Weight

22 Kg.

Dimencions (UxDxY)

64x42x70 cm



Setable Thermostatic Heater



Flow reverse valve



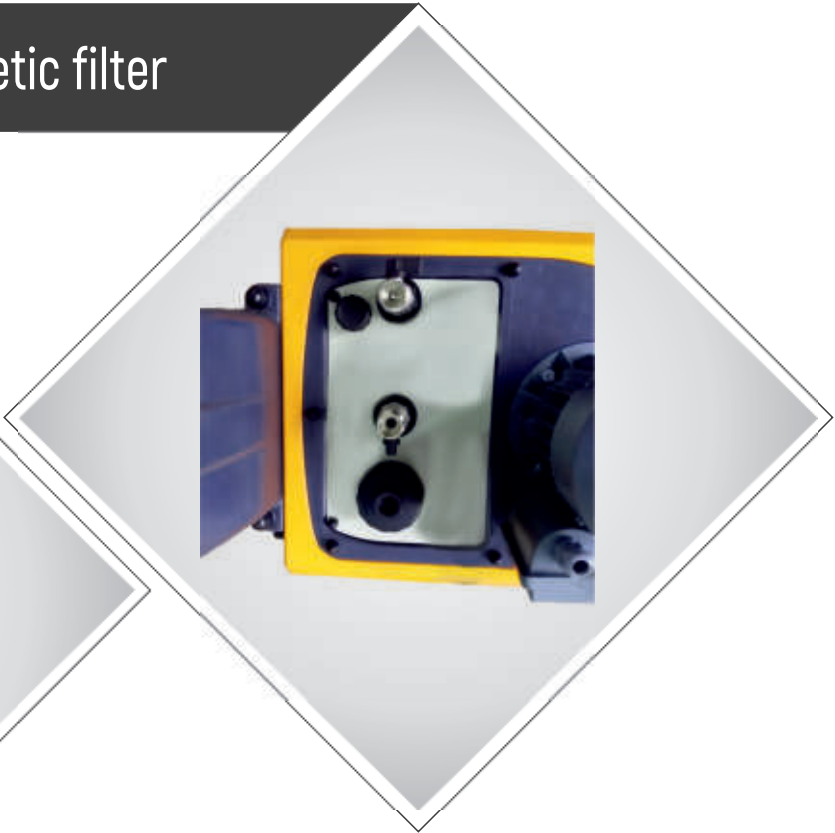
Inlet/Outlet Hoses Set

- TM04/3 |

15 Descaling Pump | Power Flushing Machine

Single Flow

Magnetic filter



Model
Tank Capacity
Pressure
Flow Rate
Energy
Power
Weight
Dimencions (UxDxY)

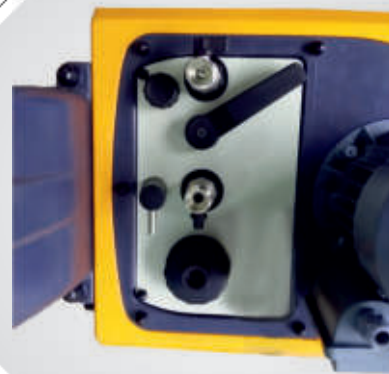
TM04/3
40 Lt.
2,0 bar
60 Lt. / Min.
220 Volt
550 Watt
22 Kg.
64x42x70 cm



Dual Reversible Flushing



Magnetic filter



Model

TM04/7

Tank Capacity

40 Lt.

Pressure

2,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

550 Watt

Weight

22 Kg.

Dimencions (UxDxY)

64x42x70 cm

Magnetic Strainer Filter



Flow reverse valve



Inlet/Outlet Hoses Set

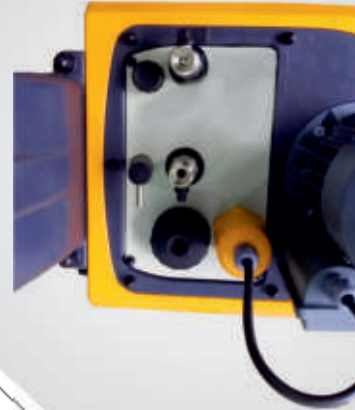
- TM04/4 |

17 Descaling Pump | Power Flushing Machine

Single Flow

Magnetic filter

Heater



Model

TM04/4

Tank Capacity

40 Lt.

Pressure

2,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

550 Watt

Weight

22 Kg.

Dimencions (UxDxY)

64x42x70 cm



Setable Thermostatic Heater



Magetic Strainer Filter



Inlet/Outlet Hoses

Dual Reversible Flushing Magnetic filter Heater



Model

TM04/8

Tank Capacity

40 Lt.

Pressure

2,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

550 Watt

Weight

22 Kg.

Dimencions (UxDxY)

64x42x70 cm

Setable Thermostatic Heater



Magnetic Strainer Filter

Flow reverse valve

Inlet/Outlet Hoses Set

- TP01

19 Descaling Pump | Power Flushing Machine

Single Flow Strainer Filter



Model

TP03

Tank Capacity

40 Lt.

Pressure

4,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

600 Watt

Weight

19 Kg.

Dimencions (UxDxY)

35x45x75 cm



Inlet/Outlet Hoses Set

Single Flow Strainer Filter Heater



Model

TP04

Tank Capacity

40 Lt.

Pressure

4,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

600 Watt

Weight

19 Kg.

Dimencions (UxDxY)

35x45x75 cm



Inlet/Outlet Hoses Set



Heater

- TP03

21 Descaling Pump | Power Flushing Machine

Dual Reversible flushing

Strainer Filter



Model

TP03

Tank Capacity

40 Lt.

Pressure

4,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

600 Watt

Weight

19 Kg.

Dimencions (UxDxY)

35x45x75 cm



Inlet/Outlet Hoses Set



Flow reverse valve

Dual Reversible flushing Strainer Filter Heater



Model

TP04

Tank Capacity

40 Lt.

Pressure

4,0 bar

Flow Rate

60 Lt. / Min.

Energy

220 Volt

Power

600 Watt

Weight

19 Kg.

Dimencions (UxDxY)

35x45x75 cm



Inlet/Outlet Hoses Set



Flow reverse valve



Heater

- TS-1 eco |

23 Descaling Pump | Power Flushing Machine

Single Flow Strainer Filter



Model

TS01 - Eco

Tank Capacity

17 Lt.

Pressure

1,5 bar

Flow Rate

35 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

16 Kg.

Dimencions (UxDxY)

35x35x85 cm



Inlet/Outlet Hoses Set

Single Flow Filter



Model

P15-17

Tank Capacity

150 Lt.

Pressure

1,5 bar

Flow Rate

8 m³/ Saat

Energy

220 Volt

Power

0,75 Watt

Weight

75 Kg.

Dimencions (UxDxY)

50x50x65 cm

- P25-17

25 Mold & Heatexchangers Descaling Pump | Power Flushing Machine

Single Flow Filter



Model	P5-17
Tank Capacity	150 Lt.
Pressure	2,5 bar
Flow Rate	19 m ³ / Saat
Energy	220 Volt
Power	1,5 Watt
Weight	75 Kg.
Dimencions (UxDxY)	50x50x65 cm

Single Flow Filter Heater 1500 Watt



OPERATING TIMER



Setable Thermostatic heater
1500 watt

Pump operating timing control

Model	P15-17
Tank Capacity	150 Lt.
Pressure	1,2 bar
Flow Rate	8 m3/ hour
Energy	220 Volt
Power	0,75 Watt
Weight	85 Kg.
Dimencions (UxDxY)	50x50x65 cm

-PR25-17

27 Mold & Heatexchangers Descaling Pump | Power Flushing Machine

Single Flow Filter Heater 1500 Watt



OPERATING TIMER



Setable Thermostatic heater
1500 watt

Pump operating timing control

Model	PR25-17
Tank Capacity	150 Lt.
Pressure	2,2 bar
Flow Rate	19 m3/ hour
Energy	220 Volt
Power	1,5 Watt
Weight	85 Kg.
Dimencions (UxDxY)	50x50x65 cm



PR 25-30 INSTALLATIONS FLUSHING MACHINE

Engine	: 2.5 Kw-2800 d/dk. 380V (Three-Phase)
Max. Pressure	: 3,0 Bar
Pump Fluid	: Max: 25mSS - 1m ³ /h Min: 4mSS-19m ³ /h
Output Size	Output: 2x25 mm Ball Valve Acid
Input Size	: Input: 2x1" Hose Connection
Tank Size / Volume	: 650x700x700 mm / 318 Liter
Shaft	: 316 Quality Stainles Steel
Spesification	: Closed Impeller Magnetic filter opsional
	Material Type
	PP.Polypropylene
Temperature	: Max. 90 C

Tank Equipment:

Electrical Switch + 5 Meter.electric Vables and Plug, Suitable for use on wheels with brakes through the wheels, Convenient Transportation and push the right left grip Handles, Pressure gauge, Relief forthe Lower Section of tank Relief Valve, mt.x2 pcs. hoses set

Resistance FEATURES:

Thermostatic, setable
Wires made of porcelain resistance
Heat resistant plastic protection cover
Electrical components: 2x6000 watt 400 v-power

Where To Use:

Injection molding machine heat exchanger with acid inhibitors, mekanical installs,boiler and chemicals, central heating plumbings, it is used as Scab Removal Unit it is designed for professional use.

- TS-1

29 Descaling Pump | Power Flushing Machine

Single Flow Heater
Strainer Filter Operating Timer



Model

TS01-

Tank Capacity

17 Lt.

Pressure

1,5 bar

Flow Rate

35 Lt. / Min.

Energy

220 Volt

Power

370 Watt

Weight

16 Kg.

Dimencions (UxDxY)

35x35x85 cm

OPERATING TIMER



Filter



Heater 2000 watt



Inlet/Outlet Hoses Set

Single Flow Strainer Filter Heater



Model

TS02-

Tank Capacity

17 Lt.

Pressure

4 bar

Flow Rate

50 Lt. / Min

Energy

220 Volt

Power

550 Watt

Weight

16 Kg.

Dimencions (UxDxY)

35x35x85 cm

OPERATING TIMER



Filter



Heater 2000 watt



Inlet/Outlet Hoses Set

Single Flow Strainer Filter Heater



Model

TS03-

Tank Capacity

17 Lt.

Pressure

6 bar

Flow Rate

60 Lt. / Min

Energy

220 Volt

Power

750 Watt

Weight

16 Kg.

Dimencions (UxDxY)

35x35x85 cm

OPERATING TIMER



Filter



Heater 2000 watt



Inlet/Outlet Hoses Set

TS-04 -Solar

Descaling Pump | Power Flushing Machine

32

Strainer Filter Heater



Model

TS04 - solar

Tank Capacity

17 Lt.

Pressure

1,5 bar

Flow Rate

35 Lt. / Min

Energy

220 Volt

Power

370 Watt

Weight

16 Kg.

Dimencions (UxDxY)

35x35x85 cm



Strainer Filter



Inlet/Outlet Hoses Set



- TS-05 Solar |

33 Descaling Pump | Power Flushing Machine

Strainer Filter Heater



Model

TS05 - solar

Tank Capacity

17 Lt.

Pressure

4 bar

Flow Rate

50 Lt. / Min

Energy

220 Volt

Power

550 Watt

Weight

17 Kg.

Dimencions (UxDxY)

35x35x85 cm



Strainer Filter



Inlet/Outlet Hoses Set



Single flow way



Airpulse-1

Pressure

8 Bar / 116 psi

Air Flow rate

96 Lt. / Min.

Air Tank Volume

9 Lt.

Energy

550 Watt 0.75 Hp

Energy cable

1,5 mt.

Weight

18 Kg.

Noise Level

64 dB

Dimencions (UxDxY)

47x25x55 cm



Inlet/Outlet Hoses Set

- AIRFLUSH-02

35

Power Flushing Compressor / Air Pulse flushing

Dual reversible



Model

8 Bar / 116 psi

Tank Capacity

96 Lt. / Min.

Pressure

9 Lt.

Flow Rate

550 Watt 0.75 Hp

Energy

1,5 mt.

Power

18 Kg.

Weight

64 dB

Dimencions (UxDxY)

47x25x55 cm



Inlet/Outlet Hoses Set

Single flow way



Airpulse-

Pressure

8 Bar / 116 psi

Air Flow rate

96 Lt. / Min.

Air Tank Volume

6 Lt.

Energy

550 Watt 0.75 Hp

Energy cable

1,5 mt.

Weight

18 Kg.

Noise Level

64 dB

Dimencions (UxDxY)

47x25x55 cm



Inlet/Outlet Hoses Set

- AIRFLUSH-02/6

37

Power Flushing Compressor / Air Pulse flushing

Dual reversible



Airpulse- 2

Pressure

8 Bar / 116 psi

Air Flow rate

96 Lt. / Min.

Air Tank Volume

6 Lt.

Energy

550 Watt 0.75 Hp

Energy cable

1,5 mt.

Weight

18 Kg.

Noise Level

64 dB

Dimencions (UxDxY)

47x25x55 cm



Inlet/Outlet Hoses Set

AIRFLUSH-01 -

Digi - 9

Power Flushing Compressor / Air Pulse flushing

38

Dual reversible

Touchscreen Control Panel



Airpulse-1 Digi-9

Pressure

8 Bar / 116 psi

Air Flow rate

96 Lt. / Min.

Air Tank Volume

9 Lt.

Energy

550 Watt 0.75 Hp

Energy cable

1,5 mt.

Weight

18 Kg.

Noise Level

64 dB

Dimencions (UxDxY)

47x25x55 cm

Dual reversible Valve



Inlet/Outlet Hoses Set

AIRFLUSH-02 | Digi24

39 Power Flushing Compressor / Air Pulse flushing

Dual reversible
Touchscreen Control Panel



Airpulse- 2 | Digi24

Pressure

8 Bar / 116 psi

Air Flow rate

135 Lt. / Min.

Air Tank Volume

24 Lt.

Energy

550 Watt 0.75 Hp

Energy cable

1,5 mt.

Weight

24 Kg.

Noise Level

64 dB

Dimencions (UxDxY)

35x36x75 cm

Inlet/Outlet Hoses Set



Dual reversible Valve

Mold Flush Dual PLC

GENERAL FEATURES



- ✓ Touch PLC Control Panel
- ✓ Max. 260 Lt. Volume
- ✓ 7 Bar Pump Working Pressure
- ✓ Digital Flowmeter
- ✓ Digital Pressure Manometer
- ✓ Quick Lock Connection
- ✓ 400 mic Cleanable Filter
- ✓ Heating Resistance
- ✓ Pump Flow Regulators
- ✓ Moving Brake Wheels
- ✓ 100% Mold Cooling Line
- ✓ Cleaning Guarantee

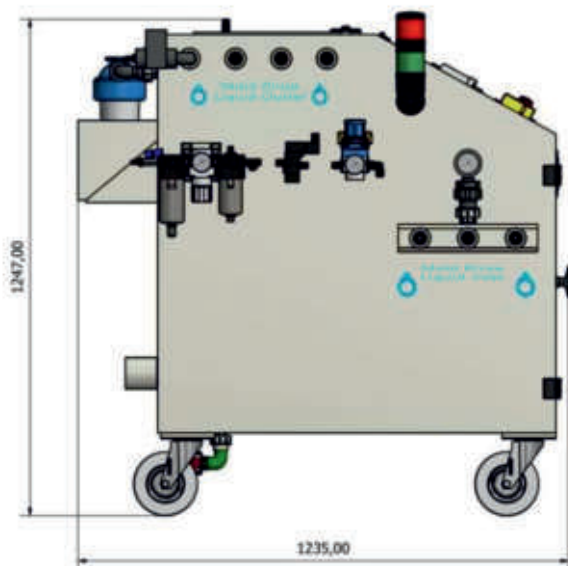
MOLD & HEAT EXCHANGERS

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Flushing Machine Unit

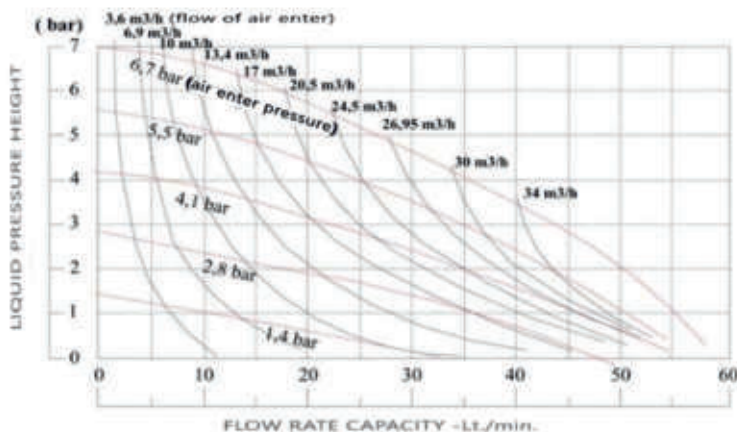
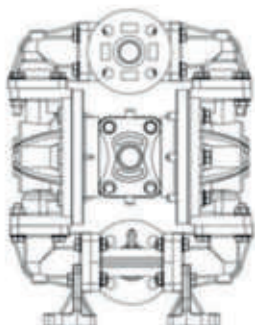
Mold Flush Dual PLC

PUMP
TECHINICAL
DATASHEET



Size Type : mm

PERFORMANCE DIAGRAM



Nozzle Diameter 3/4"	Max.Capacity 55 Lt./min.	Max.Solid Particle Permeability 3mm.	Max.Operating pressure 7 bar.	Weight 4.2 kg (PP/T)
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Operating Pressure / between (0 - 7 bar)
Operating Temperature / between (0 °C - 82 °C)

MOULFLUS Dual PLC Application and Technical Features

Flushing Machine Unit



Application

* Injection Molds and Heat Exchangers are the system used for lime cleaning of cooling channels. The system consist of 2 independent volumes of 130 liters. One part of the tank contains chemical solution and the other part has rinsing water. There are two independent air diaphragm pumps on the system. Connection collectors at he pump outlets. By cleaning the mold and heat exchanger cooling channel, the lime formed in the line is cleaned.

Usage Area

- * Injection Molds
- * Heat Exchangers
- * Cylindric Pipes
- * Water Lines

Pump Desing

- * There are a plastic body and air diaphragm pumps on the machine. The pupms work independently from each other.
- * Chemical and corrosion resistant body structure.

Pump Suction Line

- * The pump is self-priming
- * Pumps have independent suction connection.
- * Pumps are coupled to the suction line with couplings resistant to chemicals. Pumps can be disassembled from the unions when necessary.

Pump Test

*Pump pressure, flow and leakage test were made with digital measuring instruments. Tests were made in water atambient temperature.

Pump Line Connection

*Chemical-resistant bonded socket records are used in all pump suction and discharge line connections.

Usage Interface

*In the system, 8-TOUCH PLC control panel is used. On the screen, there are many options such as starting the pumps, running time, automatic starting, pH control, flow flow control, temperature control. Besides these features, the system has audible and light wanings, the whole system and The opportunity to control running products is provided.

Mold Flush Duall PLC

Technical Specifications

- * PP Polypropylene body material
- * Liquid reservoir independent of each other 130 Lt. Max. Total liquid volume 260 Lt. Body structure EXTRUDER Welding technology.
- * There is a 3-output collector at the pump outlets. Each collector has a pressure manometer.
- * Maximum performance has been achieved in lime cleaning with the heating resistance in the chemical reservoir.
- * There are drainage valves under the tank.
- * There is a return line connection in the tank sections. The connections are Quick Coupling.
- * Possibility to work comfortably at the desired location thanks to the moving brake wheels.
- * 400 mic Cleanable Plastic Filter.
- * DIGITAL FLOW METER for fluid flow measurement.
- * DIGITAL SCREEN PH METER for chemical PH control
- * Visual warning system with sound and light.



Connection

- * Output: Quick Coupling Stainless 3 pieces
- * Return: Quick Coupling Stainless 3 pieces

Pump Technical Data

- * 56 Lt./min. With Air Diaphragm
- * Diaphragm Material Cytoprene
- * Air consumption 34 m3/hour Max.
- * Maximum solid part permeability 3 mm.
- * 0.6-7 Bbar Working Pressure
- * Pp Plactic body component
- * Pump connection bolts are completely stainless.

Operating temperature

- * PP: 0 degrees + 90 degrees

Working Viscosity

- * Approx. 200,000 CST

Electric Power

- *220 v-Mono Phase

MOLD Flush Dual PLC Application and Technical Features



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