



MAIN STATION MS

MS is a stand alone cleaning unit for cleaning in the food industry.

It supplies pressurised water to System Cleaners' satellite stations and water outlets and has a built-in satellite.

The main station is designed and constructed according to System Cleaners' renowned and exceptional reliability. It is able to pressurise water within a range of 10-20 bar depending on choice of model.

HIGHLIGHTS

- Pressurisation of water
- Rinsing
- Foam application
- Disinfection
- Integrated satellite function
- Easy to service
- Hygienic design
- High-quality materials with high chemical resistance
- Frequency-controlled pump with soft start and stop (not MS1 and MSC1)

VARIANTS

MS is available with up to four chemical inlets, each of which may be used for pre-diluted or concentrated chemicals.

MS provides a great number of variants and options. It may also be equipped with a built-in compressor, if an external supply of compressed air is not available.

As an option, it is even possible to fit in an extra outlet, thus allowing a fourth chemical, foam or disinfection product.



TECHNICAL SPECIFICATIONS

MODEL	MS5	MS7
Pump type	Grundfos CRNE 5-14J	Grundfos CRNE 10-9J
Numbers of users	1-5	1-7
WATER OUTLET		
Connection	External thread 1½" BSP	External thread 1½" BSP
Pressure* at 30 l/min	20 bar	20 bar
Pressure* at 60 l/min	20 bar	20 bar
Pressure* at 80 l/min	20 bar	20 bar
Pressure* at 120 l/min	20 bar	20 bar
Pressure* at 150 l/min	20 bar	20 bar
Pressure* at 180 l/min		20 bar
Pressure* at 200 l/min		20 bar
FOAM		
Flow**	150 l/min	150 l/min
Dosage**	0.2-6%	0.2-6%
DISINFECTION		
Flow**	7 l/min	7 l/min
Dosage**	0.2-6%	0.2-6%
NOZZLES		
Standard for rinse	15/30	15/30
Standard for foam	50/200	50/200
Standard for disinfection	60/30	60/30
DIMENSIONS		
Height	1,240 mm	1,240 mm
Width	680 mm	680 mm
Depth	380 mm	380 mm
Weight	125 kg	150 kg
Please note : Requirements when units are in service:		
ELECTRICAL SUPPLY		
Frequency converter	Grundfos (integrated)	Grundfos (integrated)
Rated capacity	5.5 kW	7.5 kW
Rated voltage	3x400 V	3x400V
Frequency	50 Hz	50 Hz
Rated current	10.6 amp	14.2 amp
Speed	4,400/min	4,350/min
Recommended pre-fusing	20 amp	32 amp
Cable cross section	4x1.5 mm ²	4x2.5 mm ²
WATER SUPPLY		
Connection	1½" BSP	1½" BSP
Min. pressure	1.5 bar	1.5 bar
Max. pressure	10 bar	10 bar
Min. flow	7.5 m ³ /h	15 m ³ /h
Max. temperature	70°C	70°C
AIR SUPPLY		
Connection	ø 8	ø 8
Min. pressure	5 bar	5 bar
Max. pressure	10 bar	10 bar
Min. flow	150 l/min	150 l/min

* At a 4 bar inlet pressure

** Depending on product, temperature, viscosity, density and conditions for pressure.