



Designed to meet the demands of modern production facilities where efficiency, reliability, and easy maintenance are essential.

With a focus on production optimisation, improved water flow, and mechanical simplification, this new generation booster station ensures consistent performance while reducing service requirements.

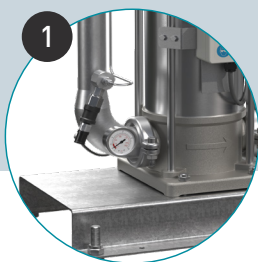
Key features and benefits:

- 4 variants: 1, 3, 5 and 7 users/workstations.
- Robust performance – delivers a constant pressure up to 20 bar (at a 4 bar inlet pressure), ensuring efficient cleaning across your production areas.
- Improved inlet flow – securing a stable water supply even during peak consumption.
- Combined flow/non-return valve – fewer moving parts, reducing wear and simplifying service.
- Optimised design – easier maintenance.
- Place in separate technical room for protection
- Available with BSP and NPT threads

HIGHLIGHTS

- 1 Integrated dry-run protection
- 2 SMART pump technology
- 3 Service report with Grundfos GO and dongle
- 4 Combined flow switch and non-return valve - easy to service

- ✓ Compact and easy to service
- ✓ Frequency-controlled pump with soft start and stop
- ✓ Outlet pressure adjustment with dongle
- ✓ Grundfos energy saving IE5 pump motors
- ✓ Software controlled
- ✓ Floor-mounted
- ✓ Supplies up to 7 workstations



TECHNICAL SPECIFICATIONS

VARIANT	BS1-20	BS3-20	BS5-20	BS7-20
No. of users/workstations	1	Up to 3	Up to 5	Up to 7
Pump type	CRNE 3-9	CRNE 3-9	CRNE 5-14	CRNE 10-9
Energy class	IE5	IE5	IE5	IE5
Motor power	2.2 kW	4.0 kW	6.0 kW	7.5 kW
Frequency converter	Integrated	Integrated	Integrated	Integrated
IP class	IP54	IP54	IP54	IP54

INSTALLATION

Ambient temperature	3-40°C	3-40°C	3-40°C	3-40°C
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DIMENSIONS

Height	1211 mm	1211 mm	1211 mm	1211 mm
Width	569 mm	569 mm	569 mm	569 mm
Depth	443 mm	443 mm	443 mm	443 mm
Weight	90 kg	100 kg	130 kg	150 kg

ELECTRICAL CONNECTION

Voltage and frequency	3x380-500V/50-60 Hz	3x380-500V/50-60 Hz	3x380-500V/50-60 Hz	3x380-500V/50-60 Hz
Current	4.5-3.4 A	7.6-6.2 A	11.5-9.0 A	14.1-11.2 A

WATER SUPPLY

Connection	1½" BSP	1½" BSP	1½" BSP	1½" BSP
Min. flow	3 m³/h	7.5 m³/h	12 m³/h	15 m³/h
Temperature	3-70°C	3-70°C	3-70°C	3-70°C
Inlet pressure	1.5-10 bar	1.5-10 bar	1.5-10 bar	1.5-10 bar
Filtration rating	≤ 800 µ	≤ 800 µ	≤ 800 µ	≤ 800 µ

WATER OUTLET

Connection	1½" BSP	1½" BSP	1½" BSP	1½" BSP
Setpoint range	0-20 bar	0-20 bar	0-20 bar	0-20 bar
Set point, standard	20 bar	20 bar	20 bar	20 bar
Max. flow at 20 bar*	30 litres/min	90 litres/min	150 litres/min	210 litres/min

* Incl. a 4 bar inlet pressure.

System Cleaners reserves the right to make alterations to the technical specifications without prior notice