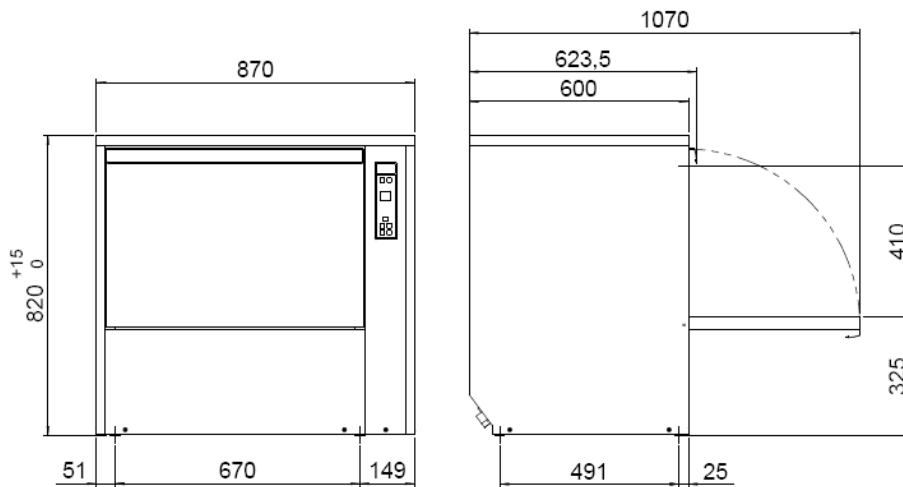


Connection diagram GS 630

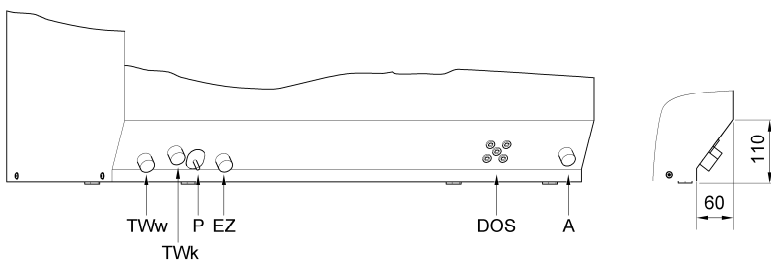
Dimensions



The machine height decreases by 4 mm when the feet are turned in completely.
For niche dimensions for the installation of the machine into a counter, see page 3.

Position of the connections (rear view)

Side view



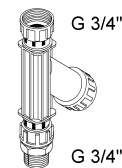
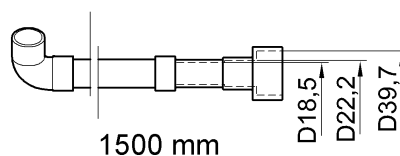
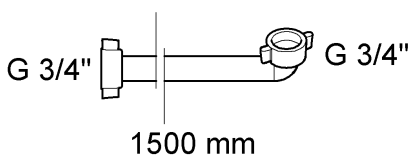
DOS	Port for hoses (detergent / rinse aid / defoamer) and cables
TWw	Drinking water connection (G 3/4", external thread)
TWk	Drinking water connection (G 3/4", external thread) (only in case of machines with cold water pre-wash (optional))
EZ	Electrical connection cable
P	Connection for local equipotential bonding system (⚡)
A	Waste water connection; drain pump installed

Accessories

Flexible supply hose;
Connect to point TWw / TWk

Flexible drain pipe;
connect to point A

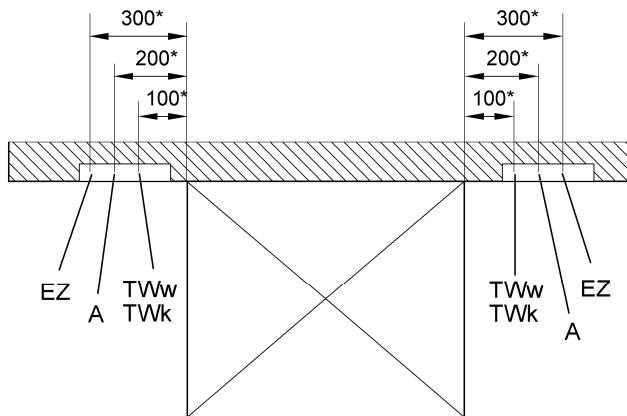
Dirt trap;
Install it between the water shut-off valve and the supply hose



Local requirements

See page 2

Installation plan GS 630



* Considering the local conditions, the exact dimensions must be determined.
For the dimensions of the machine, see page 1.

Important!

Provide the local connections on the left or the right beside the machine.
Observe both the local and country-specific regulations when conducting electrical and hydraulic connection work.
Only when the local mains disconnecter is switched off, the machine is without power.
Now bond the machine equipotentially.

Electrical supply pipe (Type H07 RN-F)

If the mains connecting line of this device is damaged, it must be replaced by the manufacturer or his Customer Service or another qualified person in order to prevent hazards.

Supply hose

Old existing hoses may not be re-used.
The supply hose may not be shortened or damaged.

TWw / TWk Water connection (G 3/4", external thread)

Position:	appr. 400 mm above finished floor
Water quality	Drinking water in accordance with the Drinking Water Ordinance
Water inlet temperature:	TWw: max. 60°C TWk: Cold water in machines with cold water pre-wash
Water hardness:	≤ 3 °dH / 3.8 °e / 0.54 mmol/l
Flow pressure:	TWw: 100-600 kPa; (1.0-6.0 bar) TWk: 250-600 kPa; (2.5-6.0 bar) in machines with cold water pre-wash measured after a possibly upstream water treatment unit
Flow rate:	TWw: min. 4 l/min TWk: min. 15 l/min in machines with cold water pre-wash
Supply hose:	included in delivery of the machine The direct connection without protection fitting is allowed

A Waste water connection:

Position:	max. 600 mm above finished floor
Construction:	with siphon
Drain pipe:	1500 mm long (standard)

EZ Electrical connection

Position:	appr. 300 mm above finished floor
Construction:	Wall outlet for machines without power cord Mains socket for machines with power cord Mains disconnecter with all-pole mains disconnection and min. 3 mm contact opening width Residual-current circuit breaker
Protection:	depends on the total connected load of the machine (see page3)
Electrical supply pipe:	3000 mm long; cross-section: 5 x 2.5 mm ² (16A; 3 N~) 3000 mm long with power cord (Option); cross-section: 5 x 2.5 mm ² (16A; 3 N~) 3000 mm long; cross-section: 4 x 4.0 mm ² (20A, 25A; 3~)

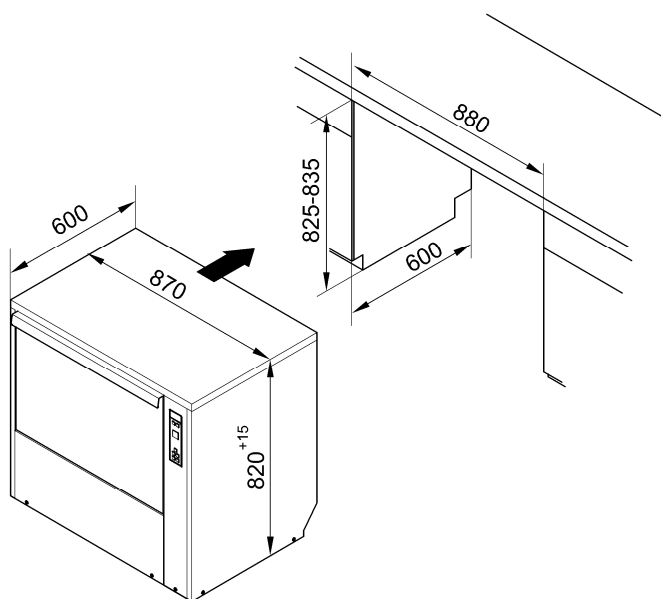
Total connected loads GS 630

Voltage	Fuse	Tank heating	Boiler heating	Pumps + Control unit	Total connected load	
380 – 415 V	3 N~	16 A	5.3 kW	5.3 kW	1.8 kW	7.1 kW
230 V	3 ~	20 A	4.9 kW	4.9 kW	1.7 kW	6.6 kW
380 – 415 V Australia	3 N~	16 A	6.5 kW	6.5 kW	1.8 kW	8.7 kW
200 V	3 ~	25 A	4.9 kW	4.9 kW	1.7 kW	6.6 kW

Niche dimensions GS 630

If the machine is to be installed into a counter, the following niche dimensions must be adhered to. It is not necessary to secure the machine in the counter.

In the vicinity of the machine, use furniture that is appropriate for commercial areas in order to prevent damage to the machine due to steam.



Dimensions in mm

For further machine dimensions, see page 1