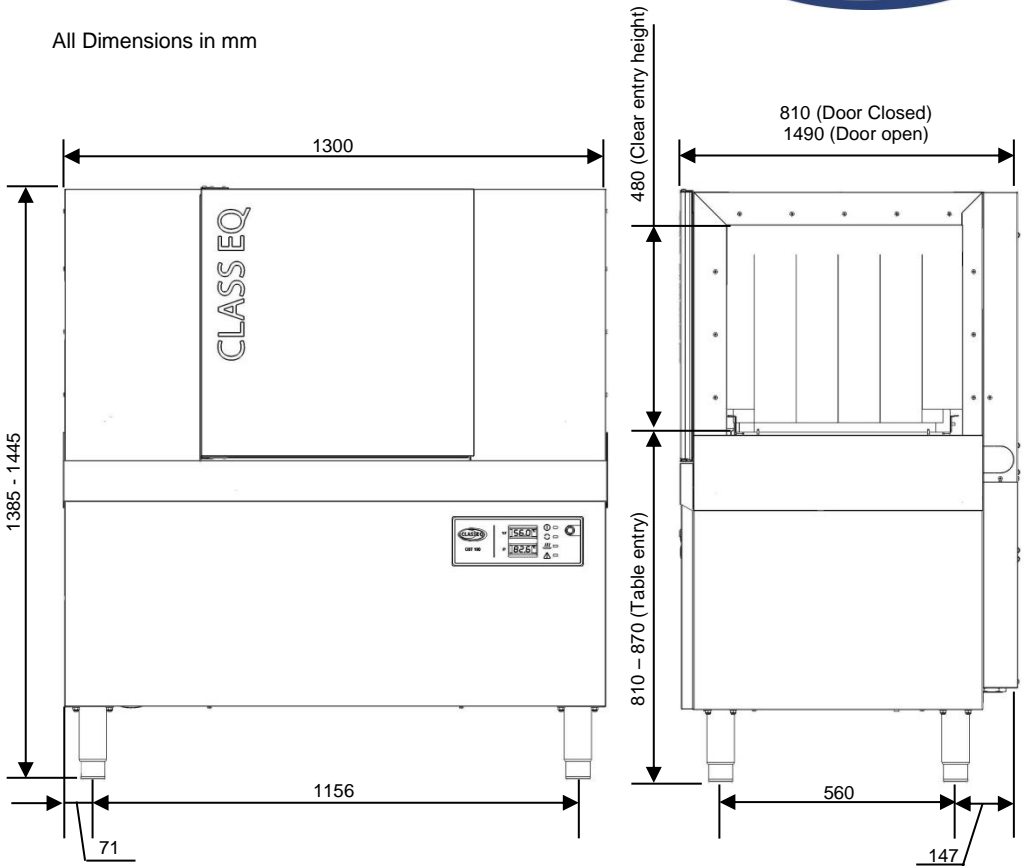


# CST 100 and 130 site requirements and Installation specifications



All Dimensions in mm



## **Important!**

Site connections should be adjacent to the machine.

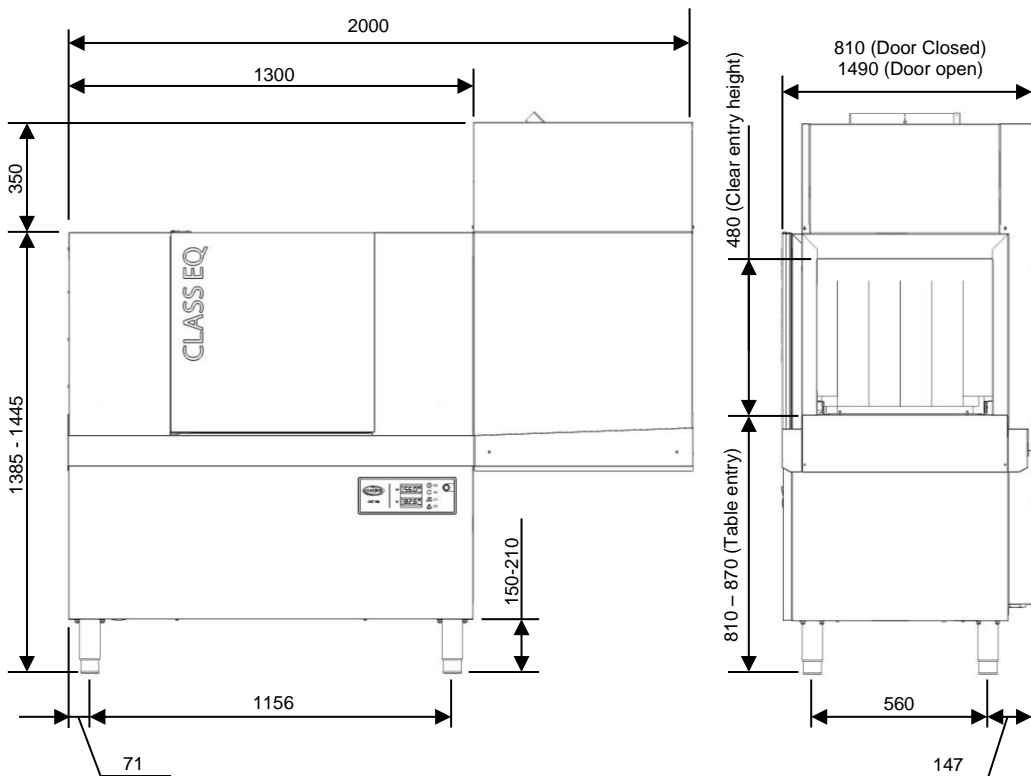
All electrical and hydraulic connection work must be done in accordance with local and national regulations.

ONLY with main supply (site switch) turned OFF is the machine without electricity.

The machine has to be included in the earth equi-potential bonding system.

# CST 100 and 130 with dryer unit site requirements and Installation specifications

All Dimensions in mm



## **Important!**

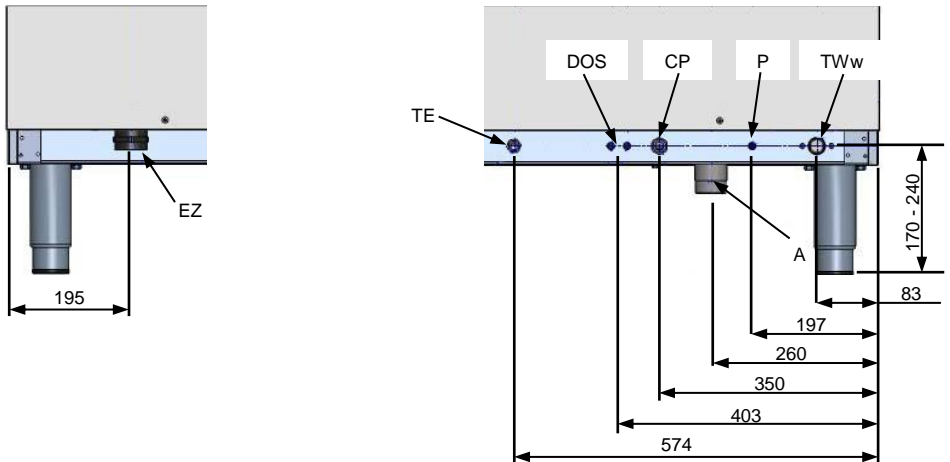
Site connections should be adjacent to the machine.

All electrical and hydraulic connection work must be done in accordance with local and national regulations.

**ONLY** with main supply (site switch) turned OFF is the machine without electricity.

The machine has to be included in the earth equi-potential bonding system.

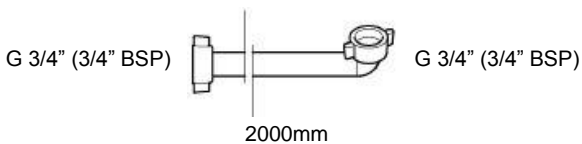
## Position of connections



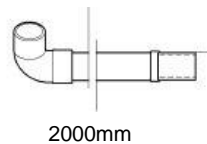
- TWw Fresh water connection (G 3/4" (3/4" BSP) external thread)
- DOS Ports for chemical tube hoses
- CP Port for external dosing unit wiring
- P Connection for earth equi-potential bonding (M5x15)
- EZ Electrical supply cable
- A Waste water connection
- TE Table end switch cable port

### Accessories (included in delivery of machine)

Flexible supply hose;  
connect to point TWw



Flexible waste pipe;



### Local requirements

#### Water connection (G 3/4" (3/4" BSP), external thread)

Position: Within 1.8m radius of point TWw

Water quality: The fresh water should be of drinking standard from a microbiological point of view

Water inlet temperature: 55°C max

Water hardness:  $\leq 3^{\circ}\text{dH} / 3.8^{\circ}\text{e} / 0.054\text{mmol/l}$  (recommended to prevent calcination)

### Water connection (G 3/4" (3/4" BSP), external thread) cont.

Flow pressure:	1 - 2bar	Booster pump required
	2 - 4bar	No modification
	4 - 6bar	Flow restrictor required
	6bar +	Pressure reducer required
Flow rate:	At least 6 l/min	
Supply hose:	Old or existing hoses may not be used The supply hose may not be shortened or damaged	
Water usage	282 litres per hour	

### Waste water connection

Position:	270-330mm from floor (depending on table height) Below bottom of wash tank
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### Electrical connection

Position:	Within 3m radius from position EZ with easy access to breaker switch
Construction:	Wall outlet All pole mains disconnecter; Residual circuit breaker
Protection:	Depends on total load of machine (see table below)

### Total connected loads

	Cold fill	Hot fill	Dryer unit*
Voltage	380-415V / 3N~ / 50Hz		
Min protection (Per phase)	45A	32A	+12A
Max total load	25.74kW	13.74kW	+4.5kW

\*For units that have a dryer unit fitted the ratings for the minimum protection and the maximum load should be added to the rating for the washing machine.