

GRANULE SMART® TECHNICAL DATA.

GENERAL.

Design	Standard Edition / FreeFlow Edition
Outer dimensions (H x W x D - door open)	2,026 mm (± 25) x 1,025 mm x 1,314 mm
Loading volume	220 litres (Ø 700 mm x H 570 mm)
Weight (filled / empty)	381 kg / 257 kg
Wash tank volume	108 litres
Rinse water volume	4 litres (ECO programme) 6 litres (Short / Normal programme) <i>To achieve 3,600 HUE in accordance with NSF/ANSI 3, 6 litres is necessary.</i>
Granule volume	8 litres
Wash water temperature	65 °C
Rinse water temperature	85 °C

PROGRAMMES & CAPACITY.

Wash programmes with Granules	ECO: 2 min
	Short: 3 min***
	Normal: 5 min***
Wash programmes without Granules	ECO: 2 min
	Short: 2 min, 30 sec***
	Normal: 4 min, 30 sec***
Max. / normal capacity per hour (normal capacity incl. handling)	Standard Edition: 180 / 132 GN1/1 or similar in other pots FreeFlow Edition: 180 / 156 GN1/1 or similar in other pots
Capacity per programme	6 GN1/1 65 mm depth or 3 GN1/1 up to 200 mm depth and 3 GN1/1 up to 65 mm depth, or similar in other pots.

WATER CONNECTION.

Hot water	½" (DN15), 55–65 °C, 3–10 °dH <i>Note: Reverse osmosis water and distilled water must not be used.</i> 1–6 bar, 15 litres per minute
Cold water	½" (DN15), 3–10 °dH 1–6 bar, 15 litres per minute. 3–6 bar with optional steam reduction

ELECTRICAL CONNECTION.

Voltage**	3~ 400 V/50 Hz + PE / 3~ 415 V/50 Hz + PE / 3~ 230 V/50 Hz + PE
Fuses (hot water connection)	25A (400V, 415V) / 40A (230V)
Fuses (cold water connection)	32A (400V, 415V)
Max output, hot water connection	11.5 kW
Max output, cold water connection	16.5 kW
Wash pump motor	2.2 kW
Rinse pump motor	0.11 kW
Wash tank element*	9 kW (14 kW (cold water connection))
Rinse tank element*	9 kW (14 kW cold water connection)
Enclosure rating	IPX5

DRAIN & VENTILATION.

Heat load to room with steam reduction (total/sensible/latent)	1.7 kW / 0.8 kW / 0.9 kW
Heat load to room without steam reduction (total/sensible/latent)	2.4 kW / 0.8 kW / 1.6 kW
Heat load to room with EcoExchanger® (total/sensible/latent)	1.3 kW / 0.8 kW / 0.5 kW
Drainage pipe	Pipe Ø 32 mm
Drain	Capacity requirement 50 l/min <i>The machine must not be placed directly over a drain.</i>
Detergent and drying agent are required	Detergent and drying agent; 230 VAC signal is available from a separate box. Max load total 0.5 A.



VOLTAGE OPTIONS.

Cannot find your special requirements in the list? All GRANULDISK pot washers are built to order and can often be customised to fit specific voltage and water conditions.

What are your needs?

Talk to your GRANULDISK sales representative or preferred Certified GRANULDISK Sales Partner for more information about customisations.



MARINE OPTION.

Installing Granule Smart® in an offshore operation? Ensure steady operation and safe use with the Marine Option:

- double level sensors in the wash tank
- feet can be bolted to the floor to prevent sliding and tipping

Talk to your GRANULDISK sales representative or your preferred Certified GRANULDISK Sales Partner for more information about the Marine Option.



STEAM REDUCTION OR ECOEXCHANGER® ?

With the add-on *steam reduction* to your Granule Smart® you ensure a more pleasant working environment for staff and lower the ventilation requirements.



The add-on *EcoExchanger®* cleverly combines steam reduction and heat recovery in one and improves the working environment while also reducing energy needed for heating the wash tank by up to 40%.

Talk to your GRANULDISK sales representative or your preferred Certified GRANULDISK Sales Partner for more information about steam reduction and EcoExchanger® for Granule Smart®.



* Does not operate simultaneously.

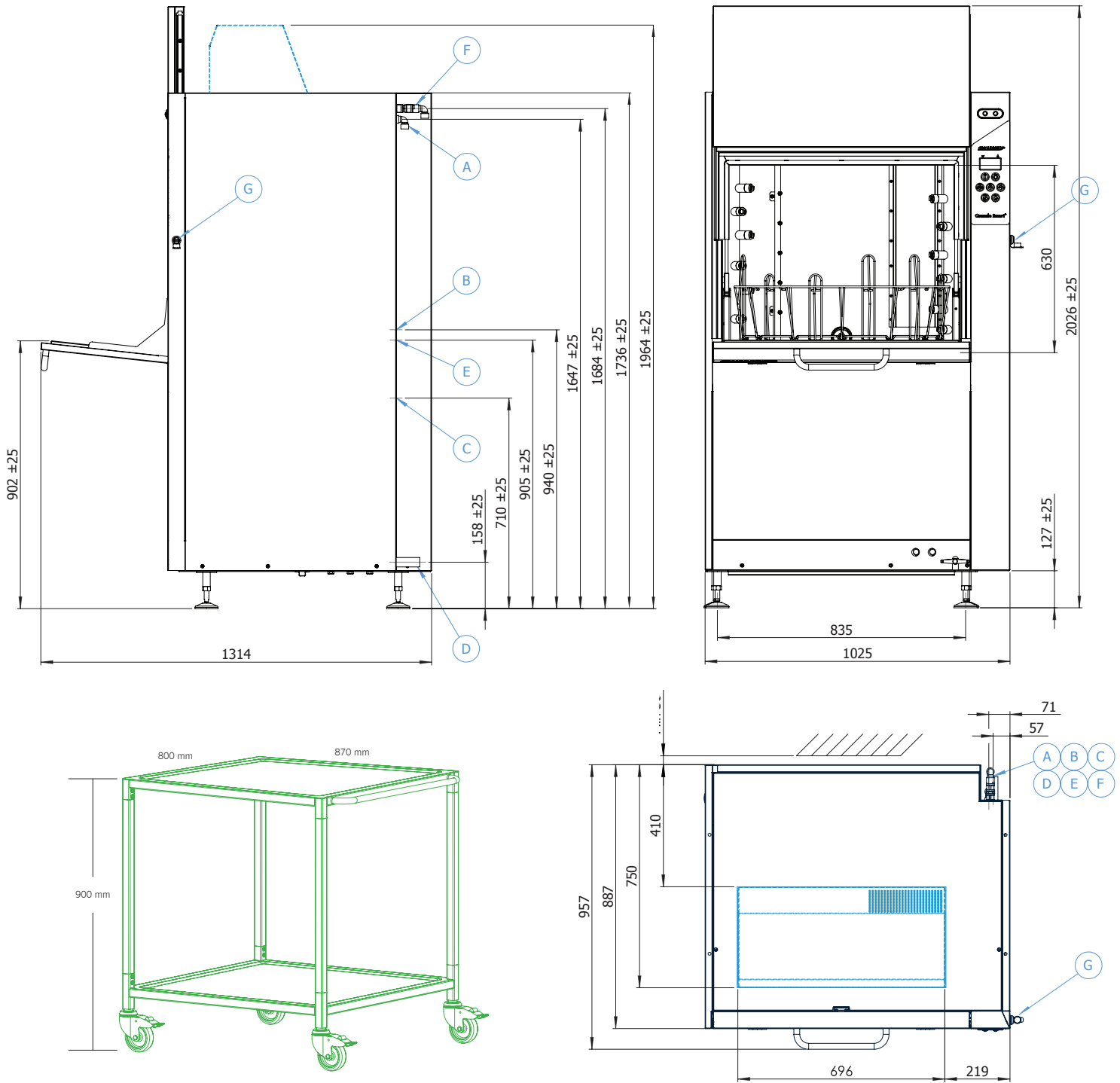
** For all available voltage options, please turn to your sales representative or consult a valid pricelist.

*** 30 secs longer with steam reduction.

Granule Smart® is supplied with a 2-metre-long power cable (without plug) for connection to an approved mains switch. The mains switch is not included in the delivery.

GRANULE SMART® INSTALLATION.

(A) Water inlet, 55–65 °C (cold water optional), 3–10 °dH, 5–18 °f. 1–6 bar, 15 L/min, max. 6 bar static. G ½" BSP female, flexible hose min. inner Ø 9 mm.
 (B/E) Detergent/drying agent connection, signal 230V AC. (C) Electrical connection. (D) Drain. (F) Cold water inlet (if steam reduction / EcoExchanger). (G) USB port.



❄️ EcoExchanger® unit (optional add-on). The EcoExchanger unit (heat recovery and steam reduction) must be connected to a cold water feed at all times. (F)
 Note: EcoExchanger is only available for cold water option machines (max power 32A, 16,5 kW) but on site, the machine can be connected to either a hot or a cold water feed. (A)

● Wash Basket Trolley x 2 (FreeFlow Edition only).

(mm)



www.granuldisk.com