

HOBART

GENERAL LEGEND

AW

= drain water

Dat

= dataline

EZ

= power line (supply)

FD

= floor opening

HW-VL

= hot water flow

HW-RL

= hot water return

KB

= cored hole Ø

KW

= cold water

KWw

= cold water soft

LR

= conduit Ø

CNS

= stainless steel (inox)

MK

= supply chanell

PA

= equipotential conductor

STL

= control line

üOKFF

= above finished floor

SFB

= separate filling-boiler

VEW

= demineralized water

WD

= wall opening

WS

= wall slot

WW

= warm water

WWw

= warm water soft

HOBART

GENERAL INFORMATION

Connections: The connection of the dishwasher to all services (e.g. electrical, water, drain, exhaust) must comply with all national and local codes of practice and must be carried out by qualified people.

Attention: If the dishwasher has a frequency inverter included and is connected after a RCD (FI PROTECTIVE SWITCH), this must be AC/DC sensitive type B.

Exhaust: A frost-protection flap is recommended if the exhaust air from the machine is ducted directly outside. If an exhaust hood is installed on top of the dishwasher, an airgap of min. 150mm needs to be maintained.

Dimensions: Dimensions in the drawing are finished dimensions in Millimeters.

Transport: Minimum measurements of entry doors = outer largest dimension of machine height + 300mm; machine width + 400mm!

Shut-off valves: The isolating valves for rinse water, tank filling or demi-rinse are to be supplied by others.

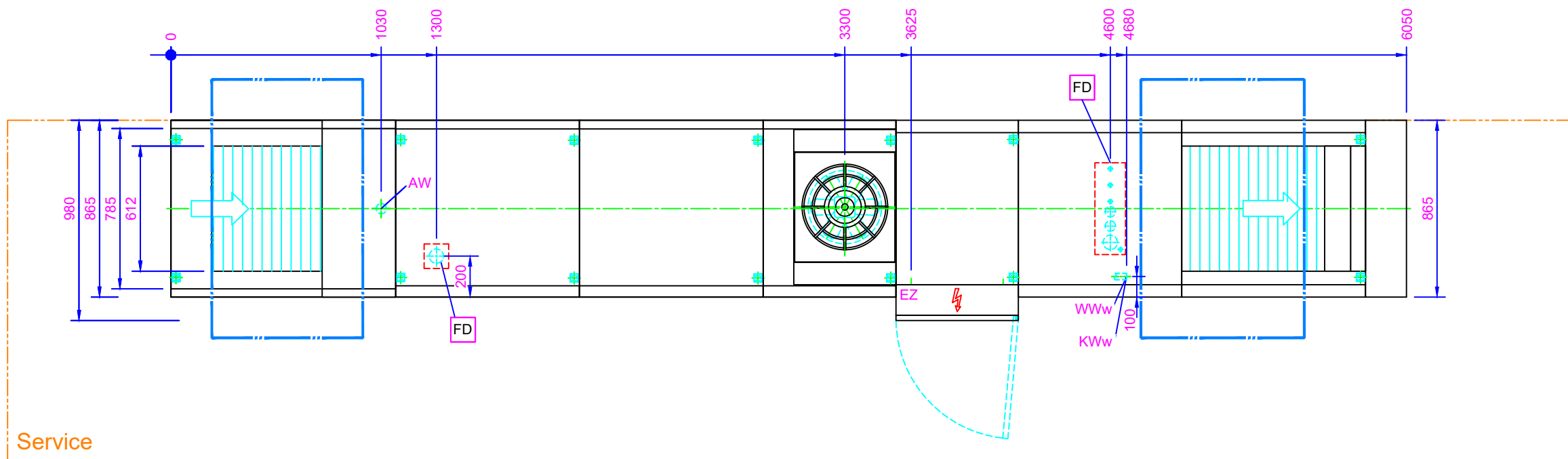
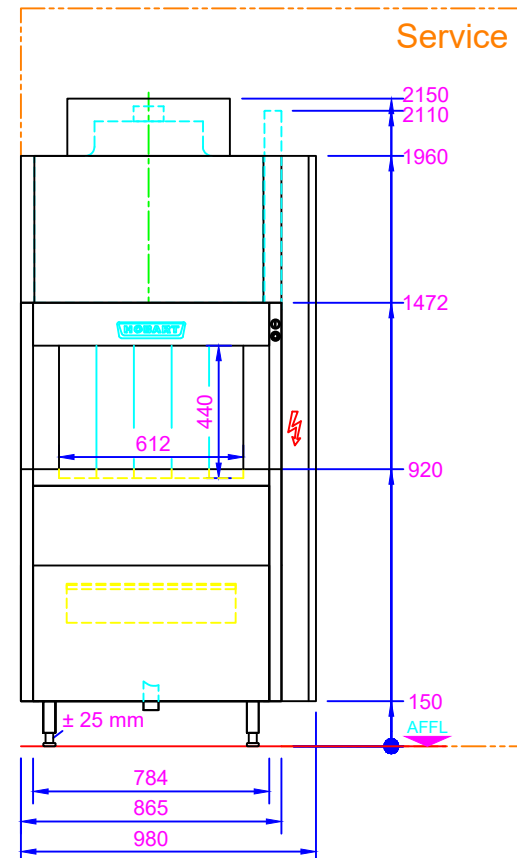
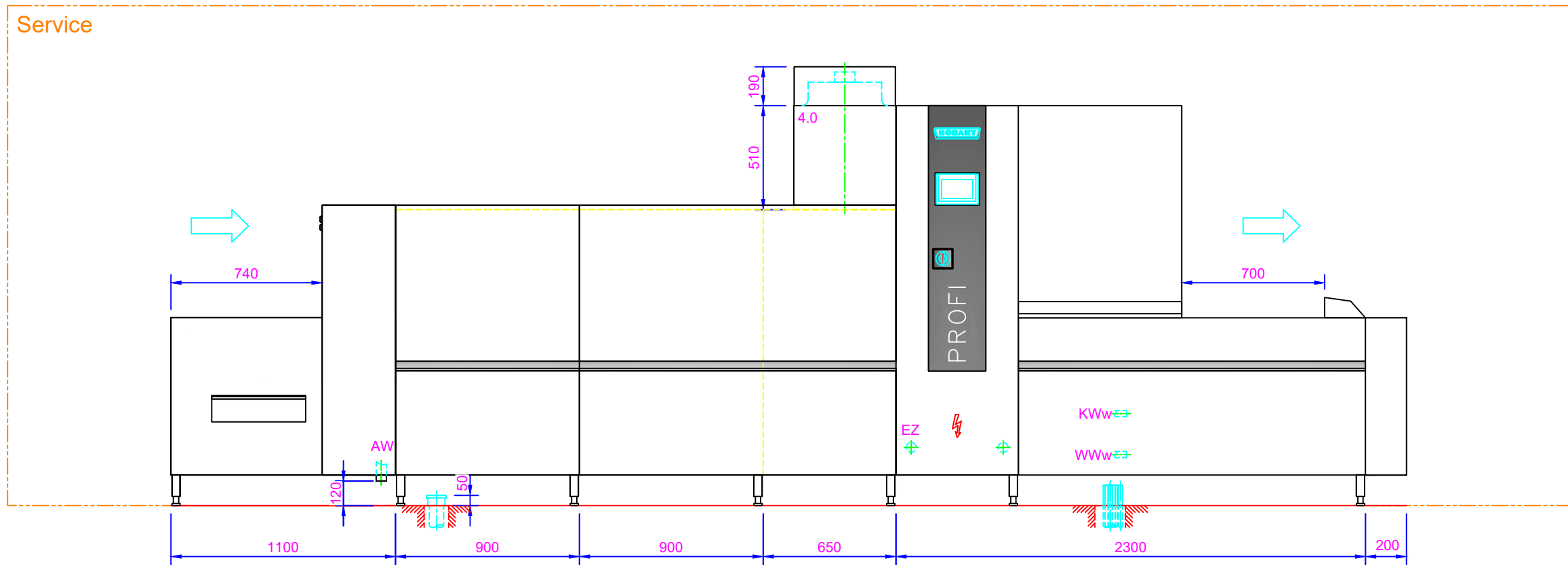
Control- and data lines: We recommend a conduit DN50 for control-lines in the area of the electrical connection (see caption).

Wash result: A streak free result is achievable with low mineral concentration of the rinse water only (see caption "water/conductivity"). If necessary a de-mineralization system should be installed.

Floor drain: Splash floor drains should be installed for machine cleaning and for general cleaning purpose.

Ventilation: The ventilation and exhaust for the room must be according to VDI 2052. Radiated heat emissions must be considered.

recommended exhaust area according to VDI 2052



- FD 450 x 150

required supply (by others)

1.1

1.0

3.0-3.2

3.3-3.6

7.0

3.7
- FD 120 x 120

2.0

Machine-Type:

Flight-Type-Dishwasher

Model:

PROFI FTNi

Heating:

Electrical

Usable-Width:

612

Usable-Height:

440

Operation:

Left / Right

Main-Switch:

Built in Machine

required supply (by others) (all installations according to local regulations) (technical feasibility must be checked on site)

Chemical

conduit for chemical supply

Dimension

Position in mm

7.0

optional

DN70

100mm AFFL

Exhaust CLIMATE

Volume

Temp.

Rel. Humidity

Pressure

On Site *

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4.0

Machine

200 m³/h

29-32 °C

90-98 % rF

ca. 0 Pa

* Room ventilation must be according VDI 2052. Radiated heat emission should be considered.

Electrical

Control and Data-Line

Free Cable End

3.7

PA

Equipotential

5x1.5 mm²

after EZ - 3m

3.5

STL

Malfunction-Signal

3x1.5 mm²

after EZ - 3m

3.4

STL

Exhaust

7x1.5 mm²

optional

after EZ - 3m

3.3

STL

Dosage-System

7x1.5 mm²

optional

after EZ - 3m

Electrical

Frequency

Supply

Fuse

Total Load

Free Cable End

3.0

EZ

400 V

50 Hz

3-PE

max. 3 x 63 A

30.8 kW

after EZ - 3m

Water

Consumption

Temp.

Hardness

Conductance

Dimension

Connection

Position in mm

2.0

AW

160 l/h

12 °C

max. 3.75 clark (0.5mmol/l)

80-120µS/cm

DN70

Drain pipe

50mm AFFL

1.1

KWw

264 l (Filling)

50-60 °C

max. 3.75 clark (0.5mmol/l)

150-400µS/cm

DN20

G3/4 male

100mm AFFL

1.0

WWw

264 l (Filling)

50-60 °C

max. 3.75 clark (0.5mmol/l)

150-400µS/cm

DN20

G3/4 male

100mm AFFL

Water-Flow-Pressure provided by customer

min. 1.5 bar / 22 psi

max. 10.0 bar / 145 psi

Heat-Radiation (thermal output to the room)

latent: 4.7 kW

sensible 4.3 kW

washware

8.7 kW

latent: 4.7 kW

sensible 4.3 kW

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Änderungen / Changes

Datum / Date

Name

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Angebot ☐ Quotation

Auftrag ☐ Order

Datum / Date:

08.03.2016

Project:

Gezeichnet / Drawn by:

S.Doll

Geprüft / Checked by:

Projectmanager:

Maßstab / Scale:

1:25

Order-No.:

Zeichnungsnummer / Drawing-No.:

release 03.2016

DIN A2

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