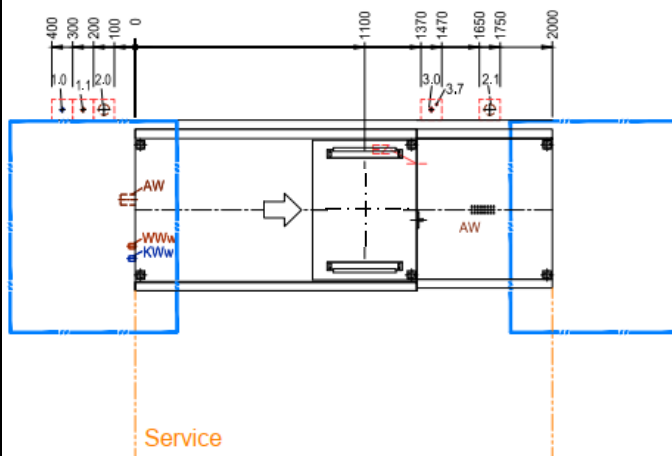
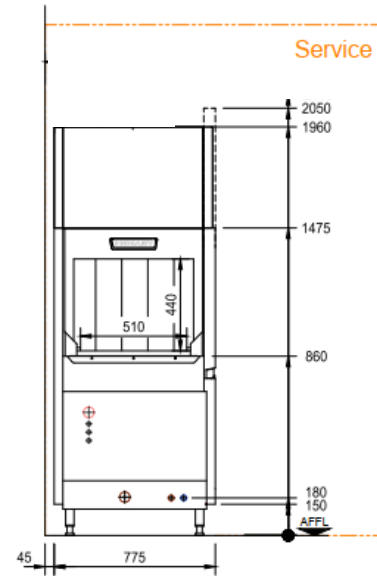
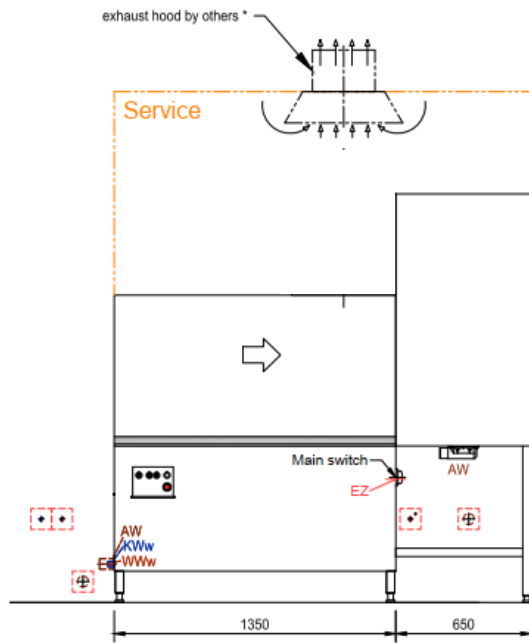


Conveyor Type Dishwasher CS-A-200-D		(Electric – Thermolabel Passed)	
	Brand	HOBART	
	Description	Conveyor Type Dishwasher	
	Model	CS-A-200-D	
	Origin	GERMANY	
Application - For dishwash room of hotel, restaurant, employee dining room, etc. Function - Washing wares, such as plates, dishes, cups, glasses, large utensils, and small pieces of cutlery (such as forks, knives, spoons, chopsticks...) Wash capacity - 200/135/80 Racks/h max. 2000 plates/h (10 plates 10"/rack), 5000 glasses/h (25 cell/rack) Specifications - Loading height: 440 mm - Rack size: 500×500 mm - Wash temperature: 55-71℃ - Rinse temperature: 82-92℃ - Water consumption: 180L/h - Wash tank volume: 105L - Wash arms: upper 4 / lower 3 - Total load: 44.7 kW - Voltage: 380V/50Hz/3N~ - Dimensions(W×D×H): 2000×775×1475mm (Working Height: 2050mm) Features & benefits - Ecotronic control LCD Display with alerting and fault diagnosis - Large volume and thermal insulation wash tank, keep water clean, temperature steady, improved hygienic result - Anti-clogging wide angle nozzles fan, provide a broader pattern substantially and avoid non-cleaning corner - Dual rinse system, energy saving - Double skin with insulation of whole wash machine chamber, reduce heat emission, improve the environment of washroom - One integral wash-arms modular, easy to remove and assemble - Optimum hygiene by one-piece deep draw tank with round corner - Emergency-stop and main switch included, meet CE safety requirements - Table end switch, protect the machine even under unexpected wrong operation Option: - Electric dryer, dry module 6kW, 1960 (H) mm - Thermolabel Test Function.			
06/25	HOBART / ITW FEG		 1/3

Conveyor Type Dishwasher CS-A-200-D

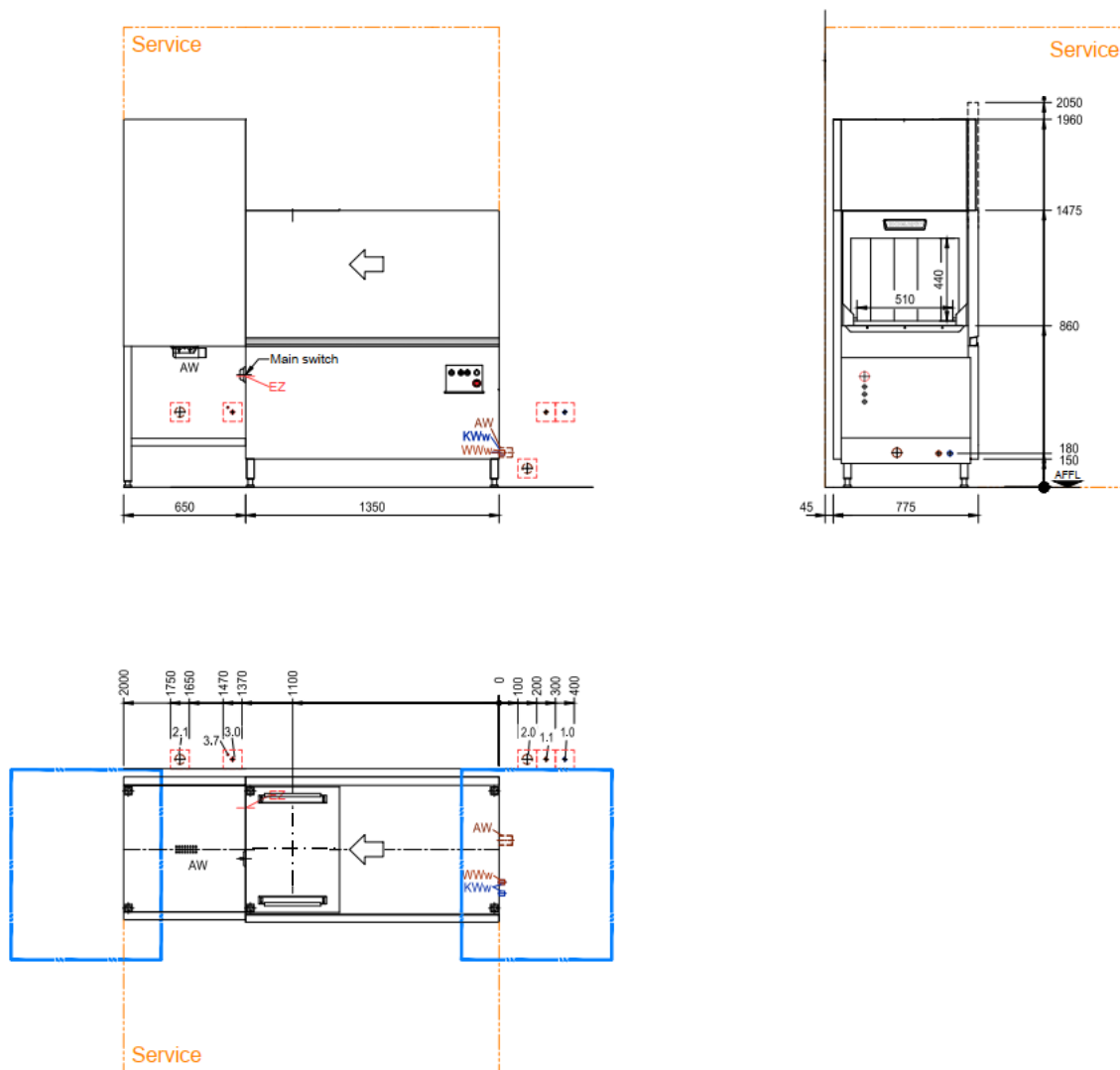
(Electric, left to right)



Configuration Left to Right

Conveyor Type Dishwasher CS-A-200-D

(Electric, right to left)



Configuration Right to Left

HOBART						GENERAL LEGEND					
AW	=	drain water	KW	=	cold water	AFFL	=	above finished floor level			
Dat	=	data line	KWw	=	cold water soft	SFB	=	separate filling-boiler			
EZ	=	power line (supply)	LR	=	conduit Ø	VEW	=	demineralized water			
FD	=	floor opening	CNS	=	stainless steel (inox)	WD	=	wall opening			
HW-VL	=	hot water flow	MK	=	supply channel	WS	=	wall slot			
HW-RL	=	hot water return	PA	=	equipotential conductor	WW	=	warm water			
KB	=	cored hole Ø	STL	=	control line	WWw	=	warm water soft			

HOBART

!

GENERAL INFORMATION

!

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.

Heat pump: The correct functionality of heat pumps can only be guaranteed at a minimum room temperature of 18°C.

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

HOBART

!

GENERAL INFORMATION

!

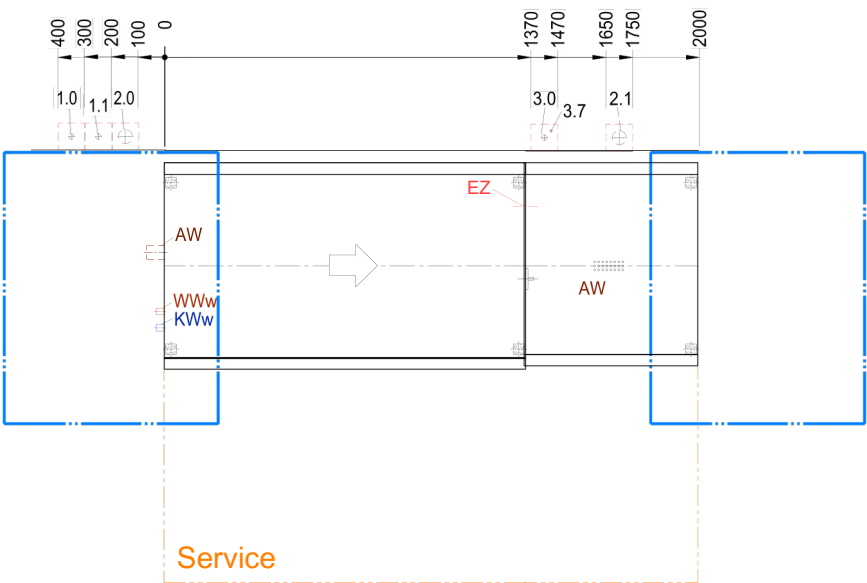
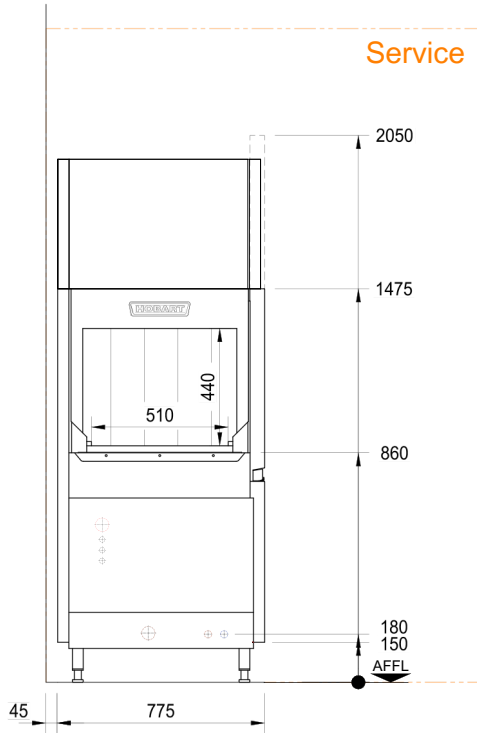
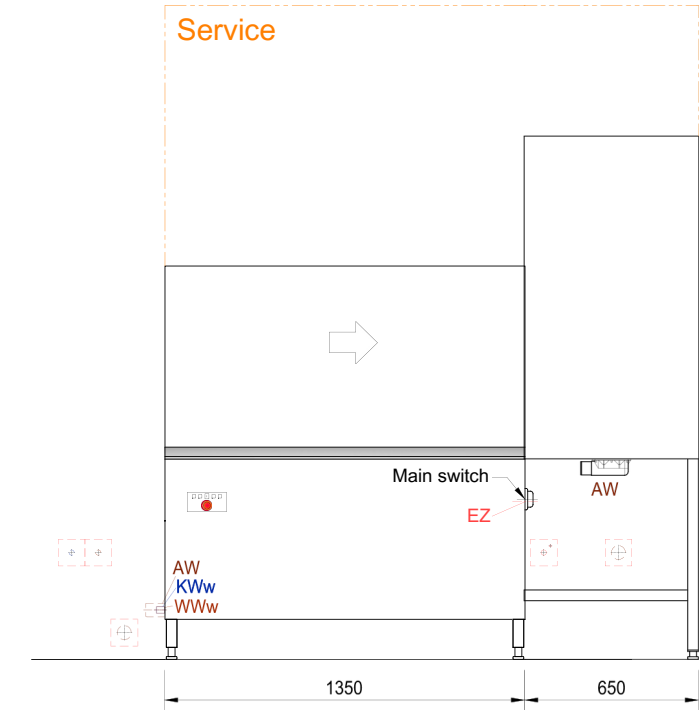
Connections: The connection of the dishwasher to all services (e.g. electrical, water, drain, exhaust) must comply with all national and local codes of practice and must be carried out by qualified people.

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. Operational fluctuations can lead to a temporary higher exhaust temperature and humidity (VDI 2052)

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

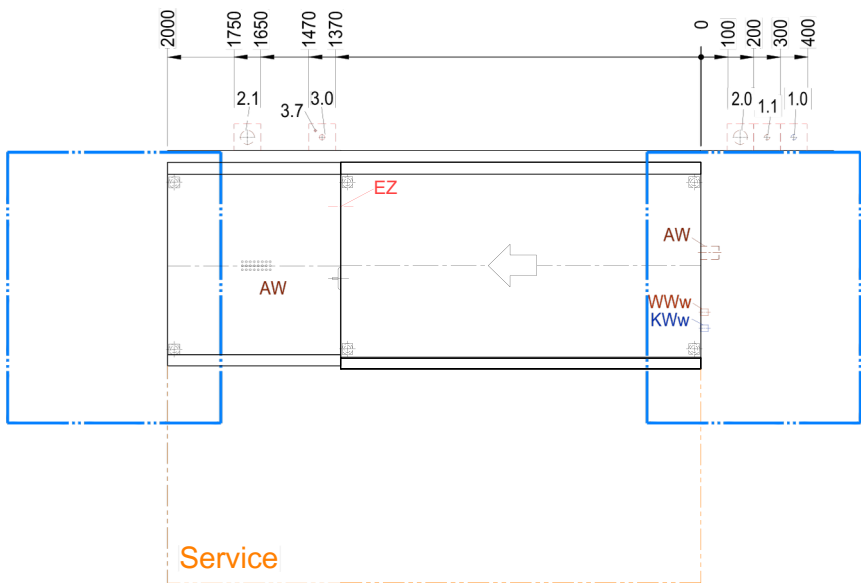
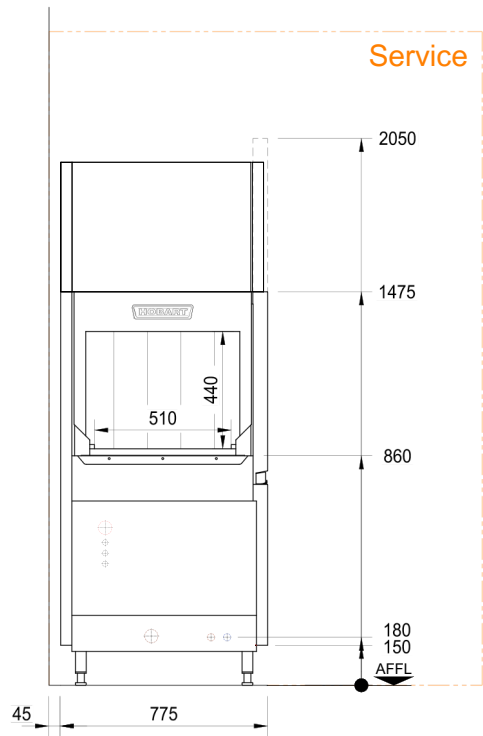
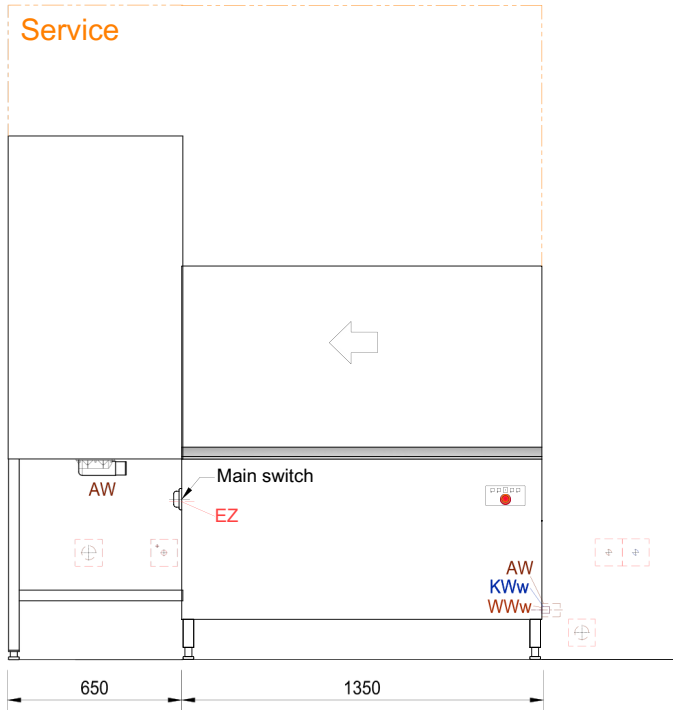
Transport: Minimum measurements of entry doors = outer largest dimension of machine height + 300mm; machine width + 400mm!



Machine-Type: Rack-Type-Dishwasher				Heating: Electrical				
Model: PROFI CS		A-D		Operation: Left / Right				
Usable-Width: 510		Usable-Height: 440		Main-Switch: Built in Machine				
required supply (by others) (all installations according to local regulations) (technical feasibility must be checked on site)								
Electrical		Control and Data-Line				Free Cable End		
3.7	PA	Equipotential				after EZ - 3m		
Electrical		Voltage	Frequency	Structure	Fuse	Total Load	Free Cable End	
3.0	EZ	400 V	50 Hz	3-N-PE	3 x 80 A	44.7 kW	after EZ - 3m	
Water		Consumption	Temp.	Hardness	Conductance	Dimension	Connection	Location
2.1	AW	Drain Drip Water/Sink (Siphon provided by customer)				DN50	Drain pipe	400mm AFFL
2.0	AW	Drain Machine/Sink (Siphon provided by customer)				DN70	Drain pipe	100mm AFFL
1.1	WWw	105 l	60 °C	max. 3,75 clark (0,5mmol/l)	150-400µS/cm	DN20	G¾ male	400mm AFFL
1.0	KWw	180 l/h	max. 25 °C	max. 3,75 clark (0,5mmol/l)	80-120µS/cm	DN20	G¾ male	400mm AFFL
Water-Flow-Pressure provided by customer						min. 1,5 bar / 22 psi - max. 6,0 bar / 87 psi		
Heat-Radiation (thermal output to the room)								
washware: 4,3 kW		latent: 1,4 kW		sensible: 3,2 kW				
Index Änderungen / Changes						Datum / Date		Name
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Datum / Date: TT.MM.JJJJ		Project:						
Gezeichnet / Drawn by: R.Leonhardt								
Geprüft / Checked by: -								
Projectmanager: -		Maßstab / Scale: 1:20 @ A2		Order-No.: -		Zeichnungsnummer / Drawing-No.: -		

HOBART						GENERAL LEGEND					
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HOBART			GENERAL INFORMATION			HOBART			GENERAL INFORMATION		
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