

Посудомоечная машина бортового типа (Flight Type) WD-BS

Технические характеристики

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WD-B600-900S

FLIGHT TYPE DISHWASHER



FEATURES

- Clean Rinse-function, perfect rinsing result, with lower water consumption.
- Sensor-controlled automation.
- Automatic cleaning of heat recovery unit.
- ECO-FLOW - double heat recovery and HEAT-FLOW ensures the right temperature in the pre-wash.
- Double final rinse system.
- Large range of conveyor belts gives high flexibility.
- The drying zone has well sound insulated fans that blow air onto the washed items from above and below.
- The washing time is set to one of six different levels on the panel, which makes it easier for the user and gives a higher flexibility.
- Timer start.

- The WD-Touch display guides you through the washing process with an intuitive touch screen. Easy navigation with built-in user manuals.
- Ergonomic, the work surfaces are in level with the conveyor, which makes it very easy to load and unload washing baskets without any heavy lifting.

- Efficient handling. The wide sides of the flight type machine act as stacking surfaces and facilitate the loading and unloading work.
- Both the infeed and outfeed have generously dimensioned strainers for easy cleaning.
- Safety, the machine stops automatically when a door opens during operation. Restart must be done after the door is closed.

EXAMPLES OF OPTIONS

- Steam heated low steam pressure (50-149 kPa) or high steam pressure (150-250 kPa).
- Stainless steel washing pumps.
- Adaptation for demineralised water in the final rinse.
- Collision guard.
- Manual adjustment of washing pressure for heavy duty/normal wash ware.

- Neutral zones between wash tanks with the length of 250 mm or 500 mm.
- Intermediate rinse, re-circulated final rinse water is used for an extra rinse.
- Automatic emptying of tanks.
- Recessed feed section from 900 mm to 800 mm.
- Increased effect in chemical tanks respectively drying zone.

- Extra wide machine, 750 mm useful conveyor width.
- Extra high machine, plus 100 mm.
- Web tool with HACCP documentation with cost- and consumption report.

TECHNICAL DATA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Pump motor, pre-wash (kW)	2.35	2.35	2.35	2.35
Pump motor, chemical wash 1 (kW)	2.35	2.35	2.35	2.35
Pump motor, chemical wash 2 (kW)	-	2.35	2.35	2.35
Pump motor, chemical wash 3 (kW)	-	-	-	2.35
Pump motor, recirculating rinse (kW)	0.74	0.74	0.74	0.74
Heat recovery fan (kW)	0.12	0.12	0.12	0.12
Fan, drying zone 1 (kW)	0.37	0.37	0.37	0.37
Fan, drying zone 2 (kW)	-	-	0.37	0.37
Drive motor, belt (kW)	0.15	0.15	0.15	0.15
Booster heater 1 final rinse(kW)	9	9	9	9
Booster heater 2 final rinse(kW)	3	3	3	3
Tank heater, chemical wash 1 (kW)	15	15	9	9
Tank heater, chemical wash 2 (kW)	-	9	9	9
Tank heater, chemical wash 3 (kW)	-	-	-	12
Heater, drying zone 1 (kW)	3	3	3	3
Heater, drying zone 2 (kW)	-	-	3	3
Heat recovery, cooling surface (m ²)	25	25	25	25

TECHNICAL DATA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Tank volume, pre-wash tank (litres)	104	104	104	104
Tank volume, chemical wash tank 1 (litres)	120	120	120	120
Tank volume, chemical wash tank 2 (litres)	-	120	120	120
Tank volume, chemical wash tank 3 (litres)	-	-	-	120
Tank volume, final rinse tank (litres)	21	21	21	21
Weight, machine in operation (kg)	1480	1770	1930	2280
Enclosure class (IP)	55	55	55	55

CAPACITY AND OPERATING DATA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Capacity, HC conveyor, normal wash (plates/hour)	3516	4848	4848	6180
Capacity, HC conveyor, as per DIN 10510 (plates/hour)	2930	4040	4040	5150
Capacity, standard conveyor, normal wash (plates/hour)	3041	4193	4193	5345
Capacity, standard conveyor as per DIN 10510 (plates/hour)	2534	3494	3494	4454
Contact length according to DIN 10510 (mm)	2640	3640	3640	4640
Belt speed according to DIN 10510 (m/min)	1.32	1.82	1.82	2.32
Cold water consumption, normal final rinse (litres/hour)*	170	190	190	210
Regeneration of the chemical wash (l/h)	75	75	75	75
Surface temperature at a room temperature of 20°C (°C)	35	35	35	35
Noise level (dB(A)) ***	69	69	69	69

CONNECTION, ELECTRICALLY HEATED MACHINE	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Total connected power (kW)	33.8	39.3	43.3	54.9
Main fuse 400 V 3N~ (A) ****	63	80	80	100
Max. connection area 400 V 3N~ (L1 - L3, N, PE) Cu (mm ²)	70	70	70	70

CONNECTION, STEAM-HEATED MACHINE 50-140 KPA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Total connected power (kW)	10	13	16	18
Steam consumption at 50-140 kPa (kg/hour) **	45	49	49	58
Main fuse 400 V 3N~ (A) **	25	35	35	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70
Steam connection (external thread)	R 1"	R 1"	R 1"	R 1"
Condensing water connection (internal thread)	R 1 3/4"	R 3/4"	R 3/4"	R 3/4"

CONNECTION, STEAM-HEATED MACHINE 150-250 KPA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Total connected power (kW)	10	13	16	18
Steam consumption at 150-250 kPa (kg/hour) **	44	48	48	56
Main fuse 400 V 3N~ (A) **	25	35	35	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70
Steam (external thread)	R 1"	R 1"	R 1"	R 1"
Condensing water (internal thread)	R 3/4"	R 3/4"	R 3/4"	R 3/4"

* The water consumption depends on local conditions. An exact adjustment is made during installation.

** When the machine is steam-heated

*** Measured 1 metre from the side of the machine

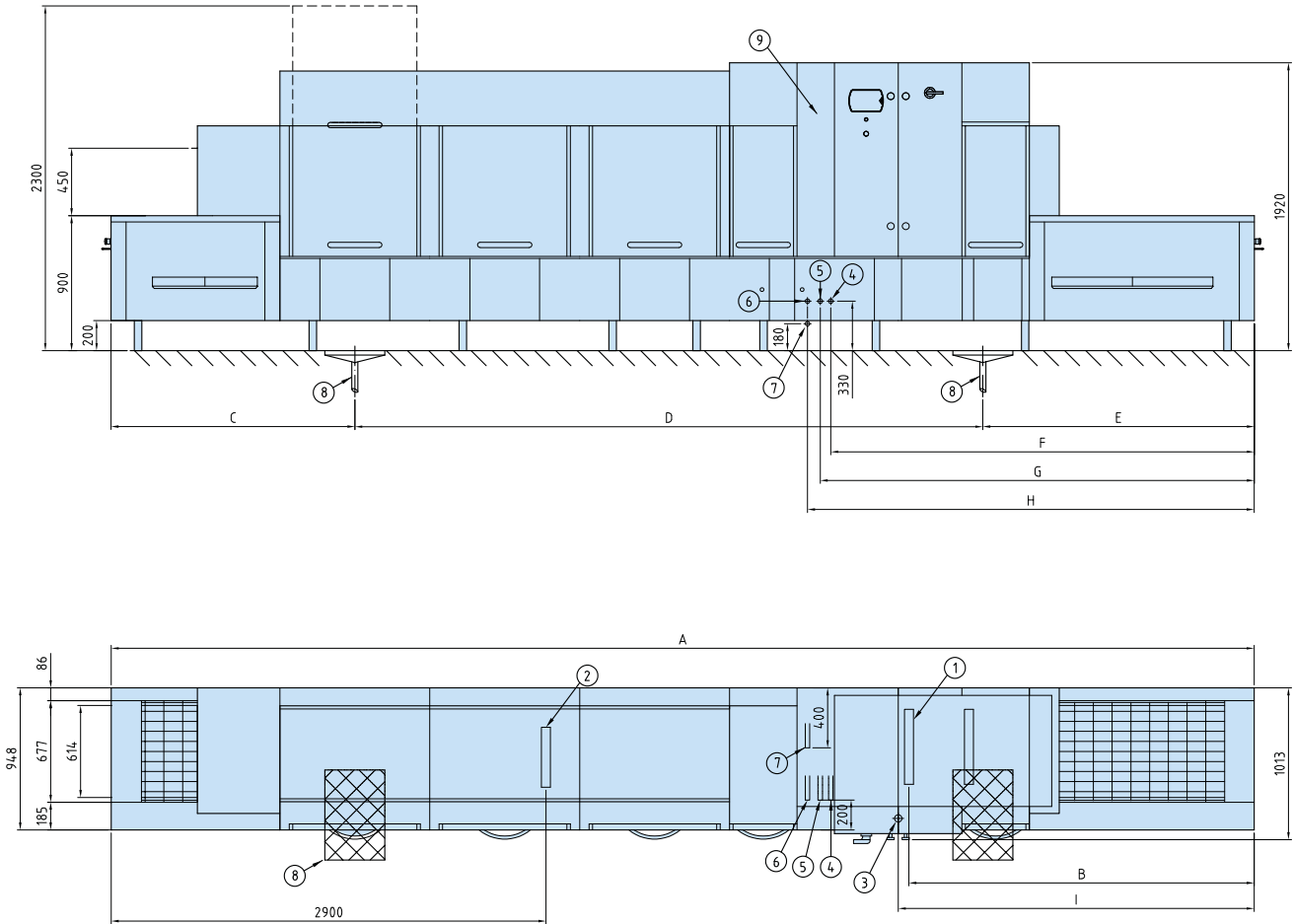
**** Other connection voltages on request

WATER, DRAIN AND VENTILATION CONNECTIONS	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Water quality, hardness (°dH)	2-7	2-7	2-7	2-7
Hot water connection 50-70°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"
Cold water connection, 5-12°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"
Drain connection, PP pipe (ø mm)	50	50	50	50
Water capacity, pressure (kPa)	300-600	300-600	300-600	300-600
Water capacity, flow (litres/min.)	18	18	18	18
Floor drain, capacity (litres/sec)	3	3	3	3
Heat load to the room (total, sensible, latent (kW))	6.6/4.4/2.2	7.1/4.7/2.4	7.8/5.2/2.6	8.1/5.4/2.7

SIZE AND WEIGHT FOR TRANSPORTATION. STANDARD, DIVIDED MACHINE*	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Size part 1** (LxWxH (m))	3.4x1.1x1.9	4.4x1.1x1.9	4.4x1.1x1.9	5.4x1.1x1.9
Size part 2** (LxWxH (m))	3.4x1.1x1.9	3.8x1.1x1.9	4.4x1.1x1.9	4.4x1.1x1.9
Weight part 1** (kg)	593	771	771	949
Weight part 2** (kg)	639	661	819	819

* Normal delivery in two parts. Option of delivery in more parts.

** Including packaging



1. Extractor 600x70 mm without damper. Air quantity, see technical specs
2. Extractor 400x50 mm without damper. Air quantity, see technical specs
3. Electrical connection from ceiling, alternative electrical connection from floor , see point 9
4. Hot water connection *
5. Cold water connection *

6. Steam connection * (steam-heated machine)
Steam pressure 150-250 kPa Electrically heated drying zone
Steam pressure 50-140 kPa (Electrically heated drying zone)
7. Condensation water connection (steam-heated machine)
8. Floor drain 400x600 mm
9. Through channel for alternative electrical connection from floor and / or water connection from above

* Connection from floor or ceiling

Size	Type	WD-B600S	WD-B700S	WD-B800S	WD-B900S
A	(length)	6250	7625	8250	9250
B		1925	2300	2925	2925
C		1625	1625	1625	1625
D		-	4190	4815	5815
E		-	1810	1810	1810
F		2450	2825	3450	3450
G		2520	2895	3520	3520
H		2605	2980	3605	3605
I		2000	2375	3000	3000



WD-B550-950S

FLIGHT TYPE DISHWASHER WITH PRM



FEATURES

- PRM replaces the manual scraping.
- Clean Rinse-function, perfect rinsing result, with lower water consumption.
- Sensor-controlled automation.
- Automatic cleaning of heat recovery unit.
- ECO-FLOW - double heat recovery and HEAT-FLOW ensures the right temperature in the pre-wash.
- Double final rinse system.
- Large range of conveyor belts gives high flexibility.
- The drying zone has well sound insulated fans that blow air onto the washed items from above and below.
- The washing time is set to one of six different levels on the panel, which makes it easier for the user and gives a higher flexibility.
- Timer start.

- The WD-Touch display guides you through the washing process with an intuitive touch screen. Easy navigation with built-in user manuals.
- Ergonomic, the work surfaces are in level with the conveyor, which makes it very easy to load and unload washing baskets without any heavy lifting.

- Efficient handling. The wide sides of the flight type machine act as stacking surfaces and facilitate the loading and unloading work.
- Both the infeed and outfeed have generously dimensioned strainers for easy cleaning.
- Safety, the machine stops automatically when a door opens during operation. Restart must be done after the door is closed.

EXAMPLES OF OPTIONS

- Steam heated low steam pressure (50-149 kPa) or high steam pressure (150-250 kPa).
- Stainless steel washing pumps.
- Adaptation for demineralised water in the final rinse.
- Collision guard.
- Manual adjustment of washing pressure for heavy duty/normal wash ware.

- Neutral zones between wash tanks with the length of 250 mm or 500 mm.
- Intermediate rinse, re-circulated final rinse water is used for an extra rinse.
- Automatic emptying of tanks.
- Increased effect in chemical tanks respectively drying zone.
- Extra wide machine, 750 mm useful conveyor width.

- Extra high machine, plus 100 mm.
- Web tool with HACCP documentation with cost- and consumption report.

TECHNICAL DATA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Pump motor, PRM (kW)	0.74	0.74	0.74	0.74	0.74
Pump motor, pre-wash (kW)	-	2.35	2.35	2.35	2.35
Pump motor, chemical wash 1 (kW)	2.35	2.35	2.35	2.35	2.35
Pump motor, chemical wash 2 (kW)	-	-	2.35	2.35	2.35
Pump motor, chemical wash 3 (kW)	-	-	-	-	2.35
Pump motor, recirculating rinse (kW)	0.74	0.74	0.74	0.74	0.74
Heat recovery fan (kW)	0.12	0.12	0.12	0.12	0.12
Fan, drying zone 1 (kW)	0.37	0.37	0.37	0.37	0.37
Fan, drying zone 2 (kW)	-	-	-	0.37	0.37
Drive motor, belt (kW)	0.15	0.15	0.15	0.15	0.15
Booster heater 1 final rinse(kW)	9	9	9	9	9
Booster heater 2 final rinse(kW)	3	3	3	3	3
Tank heater, chemical wash 1 (kW)	15	15	9	9	9
Tank heater, chemical wash 2 (kW)	-	-	9	9	9
Tank heater, chemical wash 3 (kW)	-	-	-	-	12
Heater, drying zone 1 (kW)	3	3	3	3	3
Heater, drying zone 2 (kW)	-	-	-	3	3
Heat recovery, cooling surface (m²)	25	25	25	25	25

TECHNICAL DATA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Tank volume, PRM (litres)	70	70	70	70	70
Tank volume, pre-wash tank (litres)	-	104	104	104	104
Tank volume, chemical wash tank 1 (litres)	120	120	120	120	120
Tank volume, chemical wash tank 2 (litres)	-	-	120	120	120
Tank volume, chemical wash tank 3 (litres)	-	-	-	-	120
Tank volume, final rinse tank (litres)	21	21	21	21	21
Weight, machine in operation (kg)	1250	1480	1770	1930	2280
Enclosure class (IP)	55	55	55	55	55

CAPACITY AND OPERATING DATA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Capacity, HC conveyor, normal wash (plates/hour)	3017	4349	5681	5681	7013
Capacity, HC conveyor, as per DIN 10510 (plates/hour)	2514	3624	4734	4734	5844
Capacity, standard conveyor, normal wash (plates/hour)	2609	3761	4913	4913	6065
Capacity, standard conveyor as per DIN 10510 (plates/hour)	2174	3134	4094	4094	5024
Contact length according to DIN 10510 (mm)	2265	3265	4265	4265	5265
Belt speed according to DIN 10510 (m/min)	1.13	1.63	2.13	2.13	2.63
Cold water consumption, normal final rinse (litres/hour)*	160	170	190	190	210
Regeneration of the chemical wash (l/h)	75	75	75	75	75
Surface temperature at a room temperature of 20°C (°C)	35	35	35	35	35
Noise level (dB(A)) ***	69	69	69	69	69

CONNECTION, ELECTRICALLY HEATED MACHINE	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Total connected power (kW)	31.3	34.6	40.1	44.1	55.7
Main fuse 400 V 3N~ (A) ****	63	63	80	80	100
Max. connection area 400 V 3N~(L1 - L3, N, PE) Cu (mm ²)	70	70	70	70	70

CONNECTION, STEAM-HEATED MACHINE 50-140 KPA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Total connected power (kW)	9	11	14	17	18
Steam consumption at 50-140 kPa (kg/hour) **	45	45	49	49	58
Main fuse 400 V 3N~ (A) ****	25	25	35	35	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70	70
Steam connection (external thread)	R 1"	R 1"	R 1"	R 1"	R 1"
Condensing water connection (internal thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"

CONNECTION, STEAM-HEATED MACHINE 150-250 KPA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Total connected power (kW)	9	11	14	17	18
Steam consumption at 150-250 kPa (kg/hour) **	44	44	48	48	56
Main fuse 400 V 3N~ (A) ****	25	25	35	35	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70	70
Steam (external thread)	R 1"	R 1"	R 1"	R 1"	R 1"
Condensing water (internal thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"

* The water consumption depends on local conditions. An exact adjustment is made during installation.

** When the machine is steam-heated

*** Measured 1 metre from the side of the machine

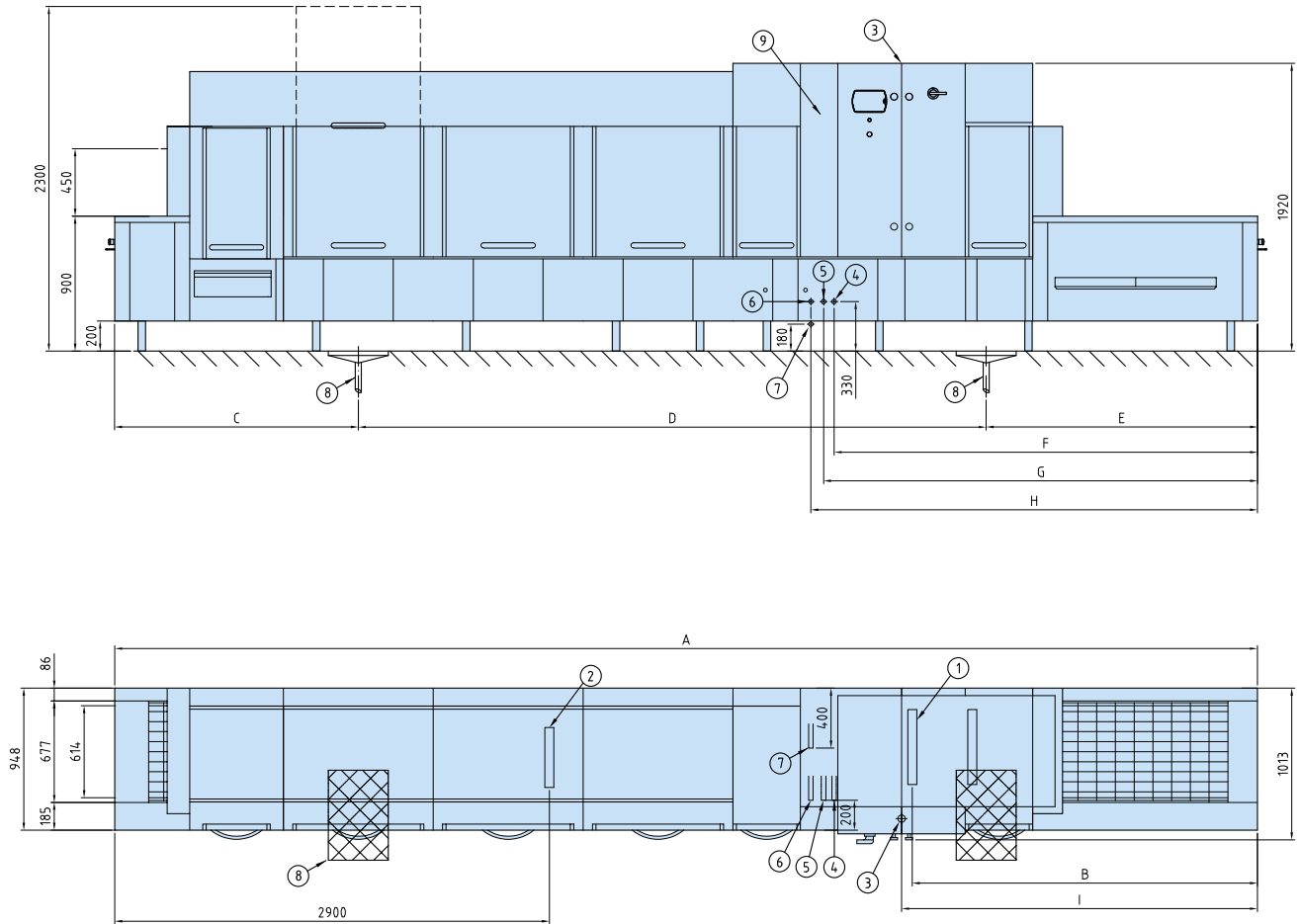
**** Other connection voltages on request

WATER, DRAIN AND VENTILATION CONNECTIONS	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Water quality, hardness (°dH)	2-7	2-7	2-7	2-7	2-7
Hot water connection 50-70°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"
Cold water connection, 5-12°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"
Drain connection, PP pipe (ø mm)	50	50	50	50	50
Water capacity, pressure (kPa)	300-600	300-600	300-600	300-600	300-600
Water capacity, flow (litres/min.)	18	18	18	18	18
Floor drain, capacity (litres/sec)	3	3	3	3	3
Heat load to the room (total, sensible, latent (kW))	6.1/3.6/2.5	6.6/4.4/2.2	7.1/4.7/2.4	7.8/5.2/2.6	8.1/5.4/2.7

SIZE AND WEIGHT FOR TRANSPORTATION. STANDARD, DIVIDED MACHINE*	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Size part 1** (LxWxH (m))	2.9x1.1x1.9	3.4x1.1x1.9	4.4x1.1x1.9	4.4x1.1x1.9	5.4x1.1x1.9
Size part 2** (LxWxH (m))	3.4x1.1x1.9	3.4x1.1x1.9	3.8x1.1x1.9	4.4x1.1x1.9	4.4x1.1x1.9
Weight part 1** (kg)	506	684	862	862	1040
Weight part 2** (kg)	639	639	661	819	819

* Normal delivery in two parts. Option of delivery in more parts.

** Including packaging



1. Extractor 600x70 mm without damper. Air quantity, see technical specs
2. Extractor 400x50 mm without damper. Air quantity, see technical specs
3. Electrical connection from ceiling, alternative electrical connection from floor , see point 9
4. Hot water connection *
5. Cold water connection *
6. Steam connection * (steam-heated machine)
Steam pressure 150-250 kPa Electrically heated drying zone
Steam pressure 50-140 kPa (Electrically heated drying zone)
7. Condensation water connection (steam-heated machine)
8. Floor drain 400x600 mm
9. Through channel for alternative electrical connection from floor and / or water connection from above

* Connection from floor or ceiling

Size	Type	WD-B550	WD-B650S	WD-B750S	WD-B850S	WD-B950S
A	(length)	5250	6250	7625	8250	9250
B		1925	1925	2300	2925	2925
C		1625	1625	1625	1625	1625
D		---	-	4190	4815	5815
E		---	-	1810	1810	1810
F		2450	2450	2825	3450	3450
G		2520	2520	2895	3520	3520
H		2605	2605	2980	3605	3605
I		2000	2000	2375	3000	3000



WD-B600-900S (wide +134)

FLIGHT TYPE DISHWASHER



FEATURES

- Clean Rinse-function, perfect rinsing result, with lower water consumption.
- Sensor-controlled automation.
- Automatic cleaning of heat recovery unit.
- ECO-FLOW - double heat recovery and HEAT-FLOW ensures the right temperature in the pre-wash.
- Double final rinse system.
- Large range of conveyor belts gives high flexibility.
- The drying zone has well sound insulated fans that blow air onto the washed items from above and below.
- The washing time is set to one of six different levels on the panel, which makes it easier for the user and gives a higher flexibility.
- Timer start.

- The WD-Touch display guides you through the washing process with an intuitive touch screen. Easy navigation with built-in user manuals.
- Ergonomic, the work surfaces are in level with the conveyor, which makes it very easy to load and unload washing baskets without any heavy lifting.

- Efficient handling. The wide sides of the flight type machine act as stacking surfaces and facilitate the loading and unloading work.
- Both the infeed and outfeed have generously dimensioned strainers for easy cleaning.
- Safety, the machine stops automatically when a door opens during operation. Restart must be done after the door is closed.

EXAMPLES OF OPTIONS

- Steam heated low steam pressure (50-149 kPa) or high steam pressure (150-250 kPa).
- Stainless steel washing pumps.
- Adaptation for demineralised water in the final rinse.
- Collision guard.
- Manual adjustment of washing pressure for heavy duty/normal wash ware.

- Neutral zones between wash tanks with the length of 250 mm or 500 mm.
- Intermediate rinse, re-circulated final rinse water is used for an extra rinse.
- Automatic emptying of tanks.
- Recessed feed section from 900 mm to 800 mm.
- Extra high machine, plus 100 mm.

- Increased effect in chemical tanks respectively drying zone.
- Web tool with HACCP documentation with cost- and consumption report.

TECHNICAL DATA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Pump motor, pre-wash (kW)	3	3	3	3
Pump motor, chemical wash 1 (kW)	3	3	3	3
Pump motor, chemical wash 2 (kW)	-	3	3	3
Pump motor, chemical wash 3 (kW)	-	-	-	2.35
Pump motor, recirculating rinse (kW)	0.74	0.74	0.74	0.74
Heat recovery fan (kW)	0.12	0.12	0.12	0.12
Fan, drying zone 1 (kW)	0.37	0.37	0.37	0.37
Fan, drying zone 2 (kW)	-	-	0.37	0.37
Drive motor, belt (kW)	0.15	0.15	0.15	0.15
Booster heater 1 final rinse(kW)	12	12	12	12
Booster heater 2 final rinse(kW)	3	3	3	3
Tank heater, chemical wash 1 (kW)	18	18	12	12
Tank heater, chemical wash 2 (kW)	-	12	12	12
Tank heater, chemical wash 3 (kW)	-	-	-	15
Heater, drying zone 1 (kW)	3	3	3	3
Heater, drying zone 2 (kW)	-	-	3	3
Heat recovery, cooling surface (m ²)	25	25	25	25

TECHNICAL DATA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Tank volume, pre-wash tank (litres)	120	120	120	120
Tank volume, chemical wash tank 1 (litres)	138	138	138	138
Tank volume, chemical wash tank 2 (litres)	-	138	138	138
Tank volume, chemical wash tank 3 (litres)	-	-	-	138
Tank volume, final rinse tank (litres)	24	24	24	24
Weight, machine in operation (kg)	1630	1950	2120	2510
Enclosure class (IP)	55	55	55	55

CAPACITY AND OPERATING DATA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Capacity, HC conveyor, normal wash (plates/hour)	5274	7272	7272	9270
Capacity, HC conveyor, as per DIN 10510 (plates/hour)	4295	6060	6060	7725
Capacity, standard conveyor, normal wash (plates/hour)	4561	6289	6289	8017
Capacity, standard conveyor as per DIN 10510 (plates/hour)	3801	5241	5241	6681
Contact length according to DIN 10510 (mm)	2640	3640	3640	4640
Belt speed according to DIN 10510 (m/min)	1.32	1.82	1.82	2.32
Cold water consumption, normal final rinse (litres/hour)*	205	228	228	252
Regeneration of the chemical wash (l/h)	90	90	90	90
Surface temperature at a room temperature of 20°C (°C)	35	35	35	35
Noise level (dB(A)) ***	69	69	69	69

CONNECTION, ELECTRICALLY HEATED MACHINE	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Total connected power (kW)	41	50	53,3	72
Main fuse 400 V 3N~ (A) ****	80	100	100	125
Max. connection area 400 V 3N~ (L1 - L3, N, PE) Cu (mm ²)	70	70	70	70

CONNECTION, STEAM-HEATED MACHINE 50-140 KPA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Total connected power (kW)	11	14	17,3	20,9
Steam consumption at 50-140 kPa (kg/hour) **	54	59	59	70
Main fuse 400 V 3N~ (A) **	35	35	35	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70
Steam connection (external thread)	R 1"	R 1"	R 1"	R 1"
Condensing water connection (internal thread)	R 1 3/4"	R 3/4"	R 3/4"	R 3/4"

CONNECTION, STEAM-HEATED MACHINE 150-250 KPA	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Total connected power (kW)	11	14	17,3	20,9
Steam consumption at 150-250 kPa (kg/hour) **	53	58	58	67
Main fuse 400 V 3N~ (A) **	35	35	35	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70
Steam (external thread)	R 1"	R 1"	R 1"	R 1"
Condensing water (internal thread)	R 3/4"	R 3/4"	R 3/4"	R 3/4"

* The water consumption depends on local conditions. An exact adjustment is made during installation.

** When the machine is steam-heated

*** Measured 1 metre from the side of the machine

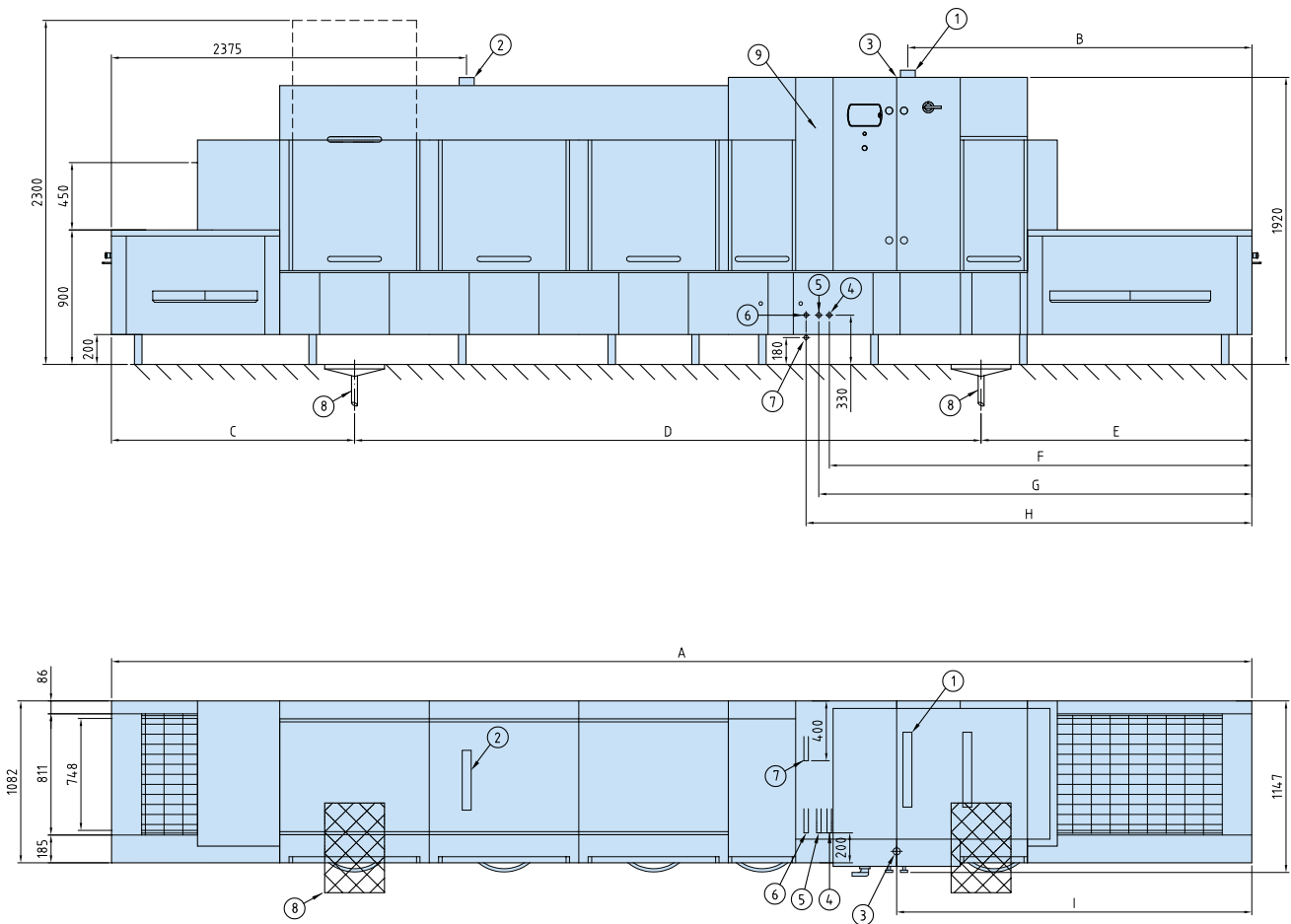
**** Other connection voltages on request

WATER, DRAIN AND VENTILATION CONNECTIONS	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Water quality, hardness (°dH)	2-7	2-7	2-7	2-7
Hot water connection 50-70°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"
Cold water connection, 5-12°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"
Drain connection, PP pipe (ø mm)	50	50	50	50
Water capacity, pressure (kPa)	300-600	300-600	300-600	300-600
Water capacity, flow (litres/min.)	18	18	18	18
Floor drain, capacity (litres/sec)	3	3	3	3
Heat load to the room (total, sensible, latent (kW))	7.6/5.1/2.5	8.2/5.4/2.8	9.0/6.0/3.0	9.3/6.2/3.1

SIZE AND WEIGHT FOR TRANSPORTATION. STANDARD, DIVIDED MACHINE*	WD-B600S	WD-B700S	WD-B800S	WD-B900S
Size part 1** (LxWxH (m))	3.4x1.24x1.9	4.4x1.24x1.9	4.4x1.24x1.9	5.4x1.3x1.9
Size part 2** (LxWxH (m))	3.4x1.24x1.9	3.8x1.24x1.9	4.4x1.24x1.9	4.4x1.24x1.9
Weight part 1** (kg)	660	850	850	1050
Weight part 2** (kg)	710	730	910	910

* Normal delivery in two parts. Option of delivery in more parts.

** Including packaging



1. Extractor 600x70 mm without damper. Air quantity, see technical specs
2. Extractor 400x50 mm without damper. Air quantity, see technical specs
3. Electrical connection from ceiling, alternative electrical connection from floor , see point 9
4. Hot water connection *
5. Cold water connection *

6. Steam connection * (steam-heated machine)
Steam pressure 150-250 kPa Electrically heated drying zone
Steam pressure 50-140 kPa (Electrically heated drying zone)
7. Condensation water connection (steam-heated machine)
8. Floor drain 400x600 mm
9. Through channel for alternative electrical connection from floor and / or water connection from above

* Connection from floor or ceiling

Size	Type	WD-B600S	WD-B700S	WD-B800S	WD-B900S
A	(length)	6250	7625	8250	9250
B		1925	2300	2925	2925
C		1625	1625	1625	1625
D		-	4190	4815	5815
E		-	1810	1810	1810
F		2450	2825	3450	3450
G		2520	2895	3520	3520
H		2605	2980	3605	3605
I		2000	2375	3000	3000



WD-B550-950S (wide +134)

FLIGHT TYPE DISHWASHER WITH PRM



FEATURES

- PRM replaces the manual scraping.
- Clean Rinse-function, perfect rinsing result, with lower water consumption.
- Sensor-controlled automation.
- Automatic cleaning of heat recovery unit.
- ECO-FLOW - double heat recovery and HEAT-FLOW ensures the right temperature in the pre-wash.
- Double final rinse system.
- Large range of conveyor belts gives high flexibility.
- The drying zone has well sound insulated fans that blow air onto the washed items from above and below.
- The washing time is set to one of six different levels on the panel, which makes it easier for the user and gives a higher flexibility.
- Timer start.

- The WD-Touch display guides you through the washing process with an intuitive touch screen. Easy navigation with built-in user manuals.
- Ergonomic, the work surfaces are in level with the conveyor, which makes it very easy to load and unload washing baskets without any heavy lifting.

- Efficient handling. The wide sides of the flight type machine act as stacking surfaces and facilitate the loading and unloading work.
- Both the infeed and outfeed have generously dimensioned strainers for easy cleaning.
- Safety, the machine stops automatically when a door opens during operation. Restart must be done after the door is closed.

EXAMPLES OF OPTIONS

- Steam heated low steam pressure (50-149 kPa) or high steam pressure (150-250 kPa).
- Stainless steel washing pumps.
- Adaptation for demineralised water in the final rinse.
- Collision guard.

- Manual adjustment of washing pressure for heavy duty/normal wash ware.
- Neutral zones between wash tanks with the length of 250 mm or 500 mm.
- Intermediate rinse, re-circulated final rinse water is used for an extra rinse.
- Automatic emptying of tanks.

- Extra high machine, plus 100 mm.
- Increased effect in chemical tanks respectively drying zone.
- Web tool with HACCP documentation with cost- and consumption report.

TECHNICAL DATA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Pump motor, PRM (kW)	0.74	0.74	0.74	0.74	0.74
Pump motor, pre-wash (kW)	-	3	3	3	3
Pump motor, chemical wash 1 (kW)	3	3	3	3	3
Pump motor, chemical wash 2 (kW)	-	-	3	3	3
Pump motor, chemical wash 3 (kW)	-	-	-	-	3
Pump motor, recirculating rinse (kW)	0.74	0.74	0.74	0.74	0.74
Heat recovery fan (kW)	0.12	0.12	0.12	0.12	0.12
Fan, drying zone 1 (kW)	0.37	0.37	0.37	0.37	0.37
Fan, drying zone 2 (kW)	-	-	-	0.37	0.37
Drive motor, belt (kW)	0.15	0.15	0.15	0.15	0.15
Booster heater 1 final rinse(kW)	12	12	12	12	12
Booster heater 2 final rinse(kW)	3	3	3	3	3
Tank heater, chemical wash 1 (kW)	18	18	12	12	12
Tank heater, chemical wash 2 (kW)	-	-	12	12	12
Tank heater, chemical wash 3 (kW)	-	-	-	-	15
Heater, drying zone 1 (kW)	3	3	3	3	3
Heater, drying zone 2 (kW)	-	-	-	3	3
Heat recovery, cooling surface (m ²)	25	25	25	25	25

TECHNICAL DATA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Tank volume, PRM (litres)	81	81	81	81	81
Tank volume, pre-wash tank (litres)	-	120	120	120	120
Tank volume, chemical wash tank 1 (litres)	138	138	138	138	138
Tank volume, chemical wash tank 2 (litres)	-	-	138	138	138
Tank volume, chemical wash tank 3 (litres)	-	-	-	-	138
Tank volume, final rinse tank (litres)	24	24	24	24	24
Weight, machine in operation (kg)	1380	1630	1950	2120	2510
Enclosure class (IP)	55	55	55	55	55

CAPACITY AND OPERATING DATA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Capacity, HC conveyor, normal wash (plates/hour)	4525	6523	8521	8521	10519
Capacity, HC conveyor, as per DIN 10510 (plates/hour)	3771	5436	7101	7101	8766
Capacity, standard conveyor, normal wash (plates/hour)	3913	5641	7369	7369	9097
Capacity, standard conveyor as per DIN 10510 (plates/hour)	3261	4701	6141	6141	7536
Contact length according to DIN 10510 (mm)	2265	3265	4265	4265	5265
Belt speed according to DIN 10510 (m/min)	1.13	1.63	2.13	2.13	2.63
Cold water consumption, normal final rinse (litres/hour)*	192	204	228	228	252
Regeneration of the chemical wash (l/h)	90	90	90	90	90
Surface temperature at a room temperature of 20°C (°C)	35	35	35	35	35
Noise level (dB(A)) ***	69	69	69	69	69

CONNECTION, ELECTRICALLY HEATED MACHINE	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Total connected power (kW)	39,3	41,7	50,7	54,1	72,7
Main fuse 400 V 3N~ (A) ****	80	80	100	100	125
Max. connection area 400 V 3N~(L1 - L3, N, PE) Cu (mm ²)	70	70	70	70	70

CONNECTION, STEAM-HEATED MACHINE 50-140 KPA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Total connected power (kW)	9,3	11,7	14,7	18,1	21,7
Steam consumption at 50-140 kPa (kg/hour) **	54	54	59	59	70
Main fuse 400 V 3N~ (A) ****	25	35	35	50	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70	70
Steam connection (external thread)	R 1"	R 1"	R 1"	R 1"	R 1"
Condensing water connection (internal thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"

CONNECTION, STEAM-HEATED MACHINE 150-250 KPA	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Total connected power (kW)	9,3	11,7	14,7	18,1	21,7
Steam consumption at 150-250 kPa (kg/hour) **	53	53	58	58	67
Main fuse 400 V 3N~ (A) ****	25	35	35	50	50
Max. connection area 400 V 3N~ (L1-L3,N,PE) Cu (mm ²)	70	70	70	70	70
Steam (external thread)	R 1"	R 1"	R 1"	R 1"	R 1"
Condensing water (internal thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"

* The water consumption depends on local conditions. An exact adjustment is made during installation.

** When the machine is steam-heated

*** Measured 1 metre from the side of the machine

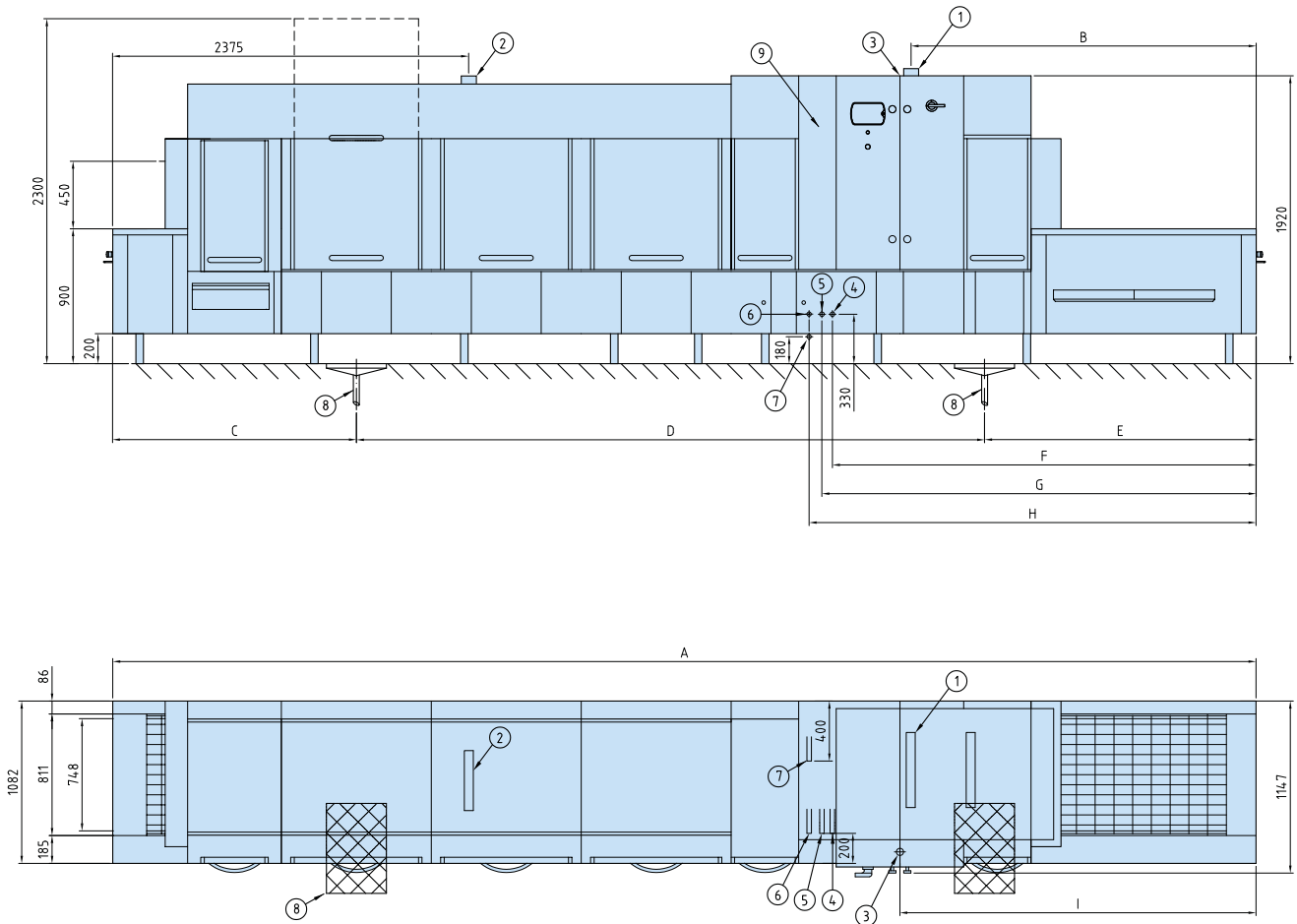
**** Other connection voltages on request

WATER, DRAIN AND VENTILATION CONNECTIONS	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Water quality, hardness (°dH)	2-7	2-7	2-7	2-7	2-7
Hot water connection 50-70°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"
Cold water connection, 5-12°C (external thread)	R ¾"	R ¾"	R ¾"	R ¾"	R ¾"
Drain connection, PP pipe (ø mm)	50	50	50	50	50
Water capacity, pressure (kPa)	300-600	300-600	300-600	300-600	300-600
Water capacity, flow (litres/min.)	18	18	18	18	18
Floor drain, capacity (litres/sec)	3	3	3	3	3
Heat load to the room (total, sensible, latent (kW))	7.0/4.1/2.9	7.6/5.1/2.5	8.2/5.4/2.8	9.0/6.0/3.0	9.3/6.2/3.1

SIZE AND WEIGHT FOR TRANSPORTATION. STANDARD, DIVIDED MACHINE*	WD-B550S	WD-B650S	WD-B750S	WD-B850S	WD-B950S
Size part 1** (LxWxH (m))	2.9x1.24x1.9	3.4x1.24x1.9	4.4x1.24x1.9	4.4x1.24x1.9	5.4x1.24x1.9
Size part 2** (LxWxH (m))	3.4x1.24x1.9	3.4x1.24x1.9	3.8x1.24x1.9	4.4x1.24x1.9	4.4x1.24x1.9
Weight part 1** (kg)	560	760	850	850	1150
Weight part 2** (kg)	710	710	730	910	910

* Normal delivery in two parts. Option of delivery in more parts.

** Including packaging



1. Extractor 600x70 mm without damper. Air quantity, see technical specs
2. Extractor 400x50 mm without damper. Air quantity, see technical specs
3. Electrical connection from ceiling, alternative electrical connection from floor , see point 9
4. Hot water connection *
5. Cold water connection *
6. Steam connection * (steam-heated machine)
Steam pressure 150-250 kPa Electrically heated drying zone
Steam pressure 50-140 kPa (Electrically heated drying zone)
7. Condensation water connection (steam-heated machine)
8. Floor drain 400x600 mm
9. Through channel for alternative electrical connection from floor and / or water connection from above

* Connection from floor or ceiling

Size	Type	WD-B550	WD-B650S	WD-B750S	WD-B850S	WD-B950S
A	(length)	5250	6250	7625	8250	9250
B		1925	1925	2300	2925	2925
C		1625	1625	1625	1625	1625
D		---	-	4190	4815	5815
E		---	-	1810	1810	1810
F		2450	2450	2825	3450	3450
G		2520	2520	2895	3520	3520
H		2605	2605	2980	3605	3605
I		2000	2000	2375	3000	3000

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