

CUTLERY DISHWASHER ACS-38D/47D



The above picture shows an ACS-47D cutlery dishwasher with left to right (L-R) feed direction.

TWO SIZES

The ACS cutlery dishwasher is available in two sizes. The ACS 38-D is equipped with a chemical wash zone; the ACS 47-D has a double chemical wash zone. We recommend the ACS-47D when cutlery is not to be washed immediately after use e.g. in aircraft kitchens, hospital kitchens (patients' cutlery) etc.

FUNCTIONAL DESCRIPTION

When the cutlery drops down on to the belt and activates the photo cell in the feeding-in area, the pumps and feeding start automatically. Washing takes place in different zones. In the pre-rinse zone, the cutlery is washed in approx. 40 °C water. In the chemical wash zone, the cutlery is washed using water mixed with detergent with an approximate temperature of 60 °C. In the final rinse zone, the cutlery is rinsed using re-circulated water and subsequently in 85 °C fresh water. Finally, the cutlery passes through a drying zone before leaving the machine.

DOUBLE FINAL RINSE

The double final rinse improves rinse results as well as reducing consumption of fresh 85 °C final rinse water.

DOSAGE EQUIPMENT

The machine is prepared for detergent and drying agent dosage though such equipment is not supplied on delivery.

SOUND AND HEAT INSULATED

The machine has a double shell with insulation between the stainless plates. The excellent insulation reduces noise level and heat emission to the room to a minimum.

LOW ENERGY AND WATER CONSUMPTION

The machine recovers heat both from the steam created in the machine itself as well as from the waste water. If there is no cutlery to be washed the machine stops automatically and restarts when cutlery drops down on to the belt.

ALL ELECTRICAL EQUIPMENT INCLUDED

Both the fuse box and cubicle are at comfortable working height at the front of the machine. Only one incoming electrical cable is required. The main switch is built in to the machine.

ELECTRONIC DISPLAY, DIAGNOSTIC SYSTEM

The electronic display shows a number of functions digitally. Any errors in handling are displayed clearly. The diagnostic system facilitates service and maintenance. Virtually all functions can be checked. When checking energy consumption such values as water consumption, pump running time and total heating-up time for the tanks and booster heaters can be read off on the display.

VENTILATION REQUIREMENTS

In order to ensure a good working environment in the wash room a minimum suction of 1200 m³/h is required.

STANDARD DESIGN

Art. No.	Description
8-0920	ACS-38D feed R-L
8-0921	ACS-38D feed L-R
8-0930	ACS-47D feed R-L
8-0931	ACS-47D feed L-R

EXTRA EQUIPMENT

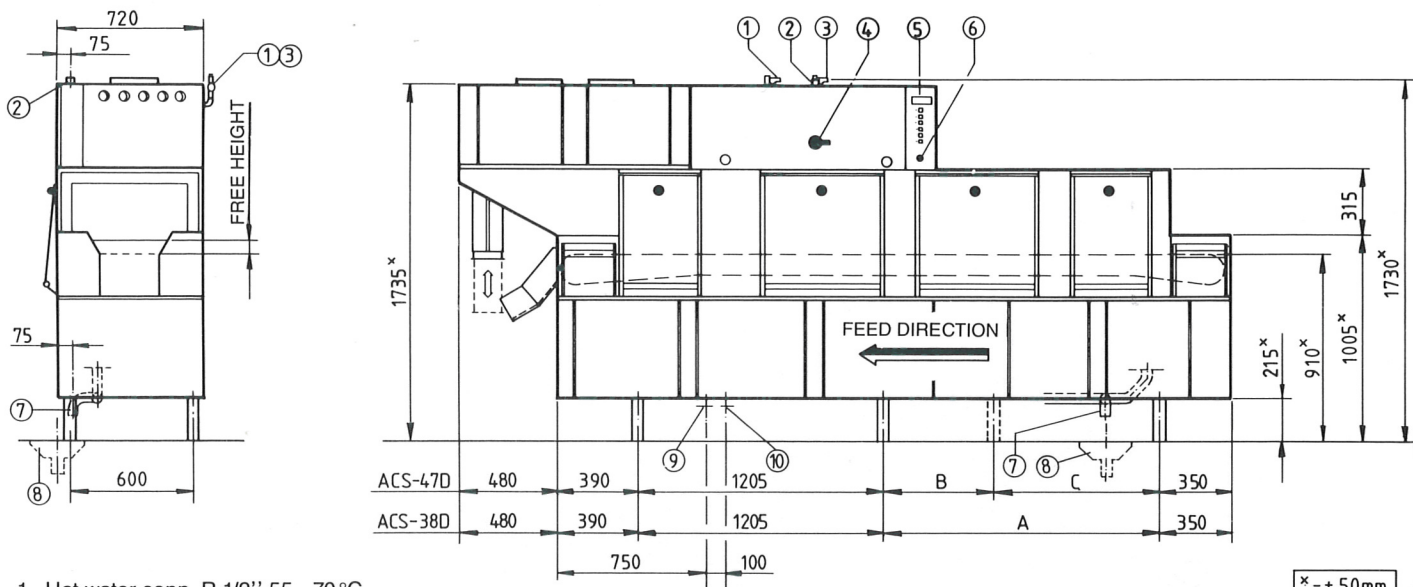
Art. No.	Description
8-0925	Steam-heated design ACS-38D
8-0935	Steam-heated design ACS-47 D
8-0926	Electrical socket for ACS sorter

Wexiödisk AB

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TECHNICAL DATA

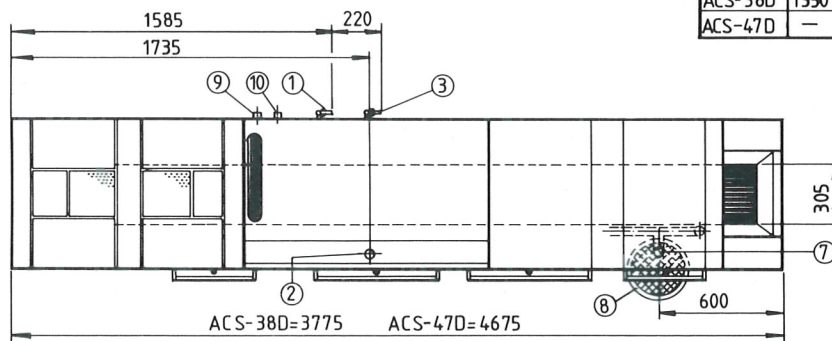
Sketch to scale ACS-38/47D feed R-L. Dimensions in mm.



1. Hot water conn. R 1/2" 55—70 °C
2. Electrical connection
3. Cold water conn. R 1/2" 5—12 °C¹⁾
4. Main switch
5. Electronic display
6. Knob ON/OFF
7. Outflow conn. 50²⁾
8. Floor drain — capacity 3 l/sec
9. Condensing water conn. R 1/2"
10. Steam conn. R 3/4" (ACS-38D)
Steam conn. R 1" (ACS-47D)

¹⁾ Requisite water pressure 3.5 kp/cm² with withdrawal of 10 l/min

²⁾ Outflow connection ext. R1 1/2" available as extra equipment. Art. No. 720.2088



TECHNICAL DATA (El. conn. 380V)

	ACS-38D El.	ACS-47D EL.	ACS-38D Steam	ACS-47D Steam
Pump motor Chemical wash kW	2.2	4.4	2.2	4.4
Pump motor Final rinse kW	0.37	0.37	0.37	0.37
Feed motor kW	0.15	0.15	0.15	0.15
Fan motors kW	1.64	1.64	1.64	1.64
Tank heating kW	12	24	—	—
Booster heater kW	18	18	—	—
Drying zone kW	9	9	9	9
Conn. power kW	43.4	57.6	13.4	15.6
Main fuse	80A	100A	25A	25A
Max. conn. area 5 conductors	35mm ²	70mm ²	35mm ²	35mm ²
Steam consumption kg/h	—	—	51	72
Steam pressure bar	—	—	1.5—2.5	1.5—2.5
Tank volume litre	80	160	80	160
Cold water consumption l/h	570	570	570	570
Pump capacity l/min	500	2 × 500	500	2 × 500
Wash capacity cutlery/h	approx. 6000	approx. 6000	approx. 6000	approx. 6000
Weight kg net/packing	665/55	775/65	665/55	775/65

Sketch to scale ACS-38/47 D Feed L-R.

