



# WFP80-100-120

HIGH SPIN WASHING MACHINE



## High speed washing machines WFP80-100-120

Tank and drum are made of steel, the induction motor is controlled by inverter.

Very high constructive standards must be respected during design to obtain high load capacity.

Panelling, tank and drum are made of AISI304. The bearings seat is casting manufactured: an economically advantageous and functional solution.

The quantity of treated laundry requires quick water tank filling and emptying. This is possible thanks to the pneumatically driven large valves: efficiency, speed, safety.

The industrial environment also requires low working noise and reduced vibrations to the ground for improved work conditions and easier machines installation. This result is guaranteed by the 6 support springs, the 6 dampers and the bottom-located motor.

The dispenser (optional) has 5 compartments (1 litre capacity each) for the liquid or powder detergent.

The machines are used through a simple and intuitive system: the washing machine is fully managed and programmed in over 20 languages by the graphic display electronic programmer.

The right solution for unloading laundry is the optional tilting system. The machine can be tilted by 15° using the remote control, keeping the drum in rotation and the door locked in open position. The laundry automatically falls into the trolley without operator intervention, significantly saving drum emptying time.

The static weighing system displaying the real weight of the loaded laundry is available as complement.

In response to requirements imposed by difficult installation conditions, there are a series of accessories such as voltage stabilisers, transformers and components for special voltages.

### Water saving

The second standard discharging valve allows to be independently managed and to deviate water into a recovery tank instead of directly into the sewer system.

Tank water can be used in successive washing programs. An enormous water savings! These 90° bent valves self-clean themselves at every discharge.



### Structure

The structure of the machine is particularly robust and suited to intensive work.

The frequency controlled motor, located near the bottom, keeps its barycentre near the ground, reducing vibrations and noise level during spinning.



<b>Models WFP</b>		<b>80</b>	<b>100</b>	<b>120</b>
Ratio capacity	1:10 / 1/9	80.7 / 89.7	100.3 / 111.4	118 / 131.1
Drum dimensions	Diameter (mm)	1110	1200	1300
	Depth (mm)	838	860	870
	Volume (dm <sup>3</sup> )	807	1003	1180
Door dimensions	Diameter (mm)	530	650	650
Drum speed / G factor	rpm	36 ÷ 750 / 350	37 ÷ 725 / 350	34 ÷ 700 / 350
Compressed air inlet	Diameter (mm)	8	8	8

#### Net and packing dimension

Net dimensions	Width (mm)	1530	1800	1800
	Depth (mm)	1797	2010	2025
	Height (mm)	1996	1950	2080
Packing dimensions	Width (mm)	1650	1865	2000
	Depth (mm)	1950	2125	2170
	Height (mm)	2200	2345	2342
	Volume (m <sup>3</sup> )	7.07	9.29	10.16
Net / Gross weight	kg	2640 / 2830	2850 / 3045	3115 / 3320

#### Water consumption

Water supply	kPa (bar)	100 ÷ 800 (1÷8)	100 ÷ 800 (1÷8)	100 ÷ 800 (1÷8)
Inlet diameters	Inches	1.5	1.5	1.5
Inlets	Number	3	3	3
Drain	Inches	4	4	4
	Number	2	2	2
Water consumption*	Hot water (lt)	252.5	313.5	370
	Cold soft water (lt)	252.5	313.5	370
	Hard soft water (lt)	505	627	730
	Total (lt)	1010	1254	1470

#### Electric data

Power supply	V / ph / Hz	230-240V 3~50/60Hz	230-240V 3~50/60Hz	230-240V 3~50/60Hz
		380-415V 3N 50/60Hz	380-415V 3N 50/60Hz	380-415V 3N 50/60Hz
		440-480V 3~ 60Hz	440-480V 3~ 60Hz	440-480V 3~ 60Hz
Electric thermal power	kW	67.5	/	/
Motor power	kW	11.25	15.25	18.5
Total electric power	kW	78.75	15.25	18.5
Noise	dB	74	74	74
Fuse	A	125 ÷ 200	25 ÷ 40	32 ÷ 50

#### Steam heated models

Direct steam pressure	kPa (bar)	300 ÷ 800 (3 ÷ 8)	300 ÷ 800 (3 ÷ 8)	300 ÷ 800 (3 ÷ 8)
Steam consumption	kg/h	72	93	113
Steam inlet	Inches	1	1	1
Total electric power	kW	11.25	15.25	18.5
Fuse	A	20 ÷ 32	25 ÷ 40	32 ÷ 50

\*Consumption corresponding to 100% of the nominal load was calculated according to the international regulatory standard ISO 9398. The standard provides for the examination of the performance of the machine as a function of a wash cycle composed of a washing phase at 60 °C, 3 rinse phases and a final spin at full power, corresponding to a load equal to a nominal capacity with a 1:10 ratio, of towels cotton fabric weighing 420g/m<sup>2</sup> with dimensions of 60cm x 90cm.

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