



ECHBERG
MANUTECH APS

WASHING - HANDLING - PACKING

CRATE WASHER OVERVIEW





CRATE WASHING MACHINE OVERVIEW

Standard crate washing machines:

The crate washing machine is specifically designed and manufactured in different configurations to satisfy strict and individual operating requirements. The length of the washing machine, the pump capacity and the nozzles spraying system are all configured for the size of crate, the capacity needed and the degree of contamination. Listed length is based on standard 600*400*200mm crates. Higher capacity is reached by using two or more lines.

Type CW-	931	931/2	932	932/3	933	933	933/4
Capacity per hour max.	300	400	600	800	1000	1200	1600
Pre rinse		X					X
Pre wash			X	X	X	X	X
Main wash I	X	X	X	X	X	X	X
Main wash II				X	X	X	X
After rinse	X	X	X	X	X	X	X
Overall length (mm)	4250	5750	6250	6750	7250	8750	10250

Drying can be done by Spin Dryer of Blowing Sections as below:

The blowing section is placed after the washing machine to blow excess water from the crates. The crates will never be completely dry, but crates with a good design will have less than 10% of water left when they leave the blowing section.

High velocity air is led from the fans through the special designed nozzles. Depending on the capacity of the crates 2, 4, 6, 8 or more fans are used. The minimum length of the cabin is 2000 mm, and 500 mm is added for each pair of fans. Centrifugal fans are used and are made of plastic for cold air blowing, and of stainless steel for warm air blowing.

Type	521	522	523	524	525	526
Capacity of trays	400	600	800	1000	1200	1600
Cabin length in mm	2000	2500	3000	3500	4000	4500
Number of fans	2	4	6	8	10	12
Electrical consumption in kW	6	12	18	24	30	48



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