

FOOD PROCESSING MACHINES MANUFACTURER

CRATES WASHER- DOUBLE



Two row unit to clean: crates, low crates, chip baskets. Crates charged manually on movable chains are hitched and moved along the washing chamber through: initial washing zone, main washing zone with hot water and detergent, washing down with clean water section and drying section. Clean water is filling up the main tank from clean water sprinklers, through float valve and detergent batcher. In lower unit part are installed two water tanks with rotating drum filters which are cleaning processed water. In the main tank is installed set of heaters which are turning on if water temperature is too low (automatic regulation system). Water pumps are working in water closed circle system and pump water through two rotating drum filters to initial and main washing section through water sprinklers. In final washing zone crates are sprinkled with clean fresh water and dried using air turbine. Infinitely variable regulation of the width and height of the washing channel – adjusting to crate dimensions. Washing chamber covered. Automatic detergent batcher - in accordance with water usage. Made from stainless steel AISI 304.

It is possible to produce unit with different options ex. number of washing sections, drying sections.

- Washing capacity.... max.~ 800 crates./h (two rows) regulation of chain speed
- Maximum washing crate dimension (height/width) - regulation..... 400 / 640
- Washing in two sections: washing in hot water - 24 nozzles , clean water sprinklers - 12 nozzles
- Detergent batcher ...proportional
- Crate is being washed totally from all directions and dried with air
- Water heating using internal heater set.....N=36kW (6 kW x 6 heaters)
- Water pumpN=7,0 kW + N=4 kW, air turbine N=4 kW
- Water filter ...rotating, drum filters – 2 filters.
- Speed of pulling chainsV=(0,5-2)m/min.. (stepless regulation)
- Water level control system ~400 l.float valve 1”
- External dimensions – length/width/height~ 6600/1700/1600
- Service2 people
- Control panel

In the picture you can see crates washer with capacity 850 crates/h, two rows with water in closed circuit system, fresh water sprinklers and air drying. Installed power N= 53 kW; ~380 VAC; 50 Hz.



CRATES WASHER- SINGLE



Single row unit to clean: crates, low crates, chip baskets. Crates charged manually on movable chains are hitched and moved along washing chamber through main washing zone with hot water and detergent, washing down with clean water section. Clean water is filling up main tank from clean water sprinklers, through float valve and detergent batcher. In main tank is installed set of heaters which are turning on if water temperature is too low (automatic regulation system). Water pumps are working in water closed circle system and pump water through two sieve filters main washing section through water sprinklers. Stepless regulation of width and height washing channel – adjusting to crate dimensions. Washing chamber covered. Automatic detergent batcher - in accordance with water usage. Made from stainless steel AISI 304.

It is possible to produce unit with different options ex. number of washing sections, drying sections.

- Washing capacity.... max.~ 300 crates./h (single row) regulation of chain speed
- Maximum washing crate dimension (height/width) - regulation.....400 / 640
- Washing in two sections: washing in hot water - 24 nozzles , clean water sprinklers - 12 nozzles
- Detergent batcher ...proportional
- Crate is being washed totally from all directions.
- Water heating using internal heater set.....N=24kW (6 kW x 4 heaters)
- Water pumpN=5,0 kW
- Water filter ...two sieve filters
- Speed of pulling chainsV=(0,5-2)m/min.. (stepless regulation)
- Water level control system ~200 l.float valve 1”
- External dimensions – length/width/height~ 4000/1400/1600
- Service2 people
- Control panel

In the picture you can see crates washer with capacity 300 crates/h, two rows with water in closed circuit system, fresh water sprinklers. Installed power N= 32 kW; ~380 VAC; 50 Hz.

