



Vegetable Washing Machine, Model: VWM-3600 CB

<http://www.jeagerings.com/en/>



General

The VWM 3600-CB is designed for small and medium-sized vegetable processing companies. The machine perfectly suits with the BCM 1650 / BCM 2450 belt-cutting machine.

The product has to be thrown (manually) into the washing tank, or is transported to the washing machine on a conveyor belt. In the washing tank, the vegetables are washed very intensively by a system of a powerful pump and water nozzles in the side wall (for circulation) and in the back headboard (for propulsion). The products are submerged by a big drum (flycatcher) as well. Due to the perforated flycatcher, insects (floating) will be filtered out and removed. In case of products without any insects, the flycatcher can be tilted to the front during the washing of the products. This can also be done for cleaning the machine.

The VWM-3600-CB (conveyor belt) is a further developed version of the well-known VWM-3600-VS (vibrating sieve). The CB version is used especially for washing delicate leafy vegetables.

Washing and mixing

- The machine is suitable for thoroughly washing both floating and sinking fresh-cut vegetables.
- The machine can also be used for mixing salads.
- The whirl and flow can be adjusted separately with butterfly valves.

The vegetables can be mixed homogenously (only whirl) and afterward, after opening the butterfly valve for flow, transported out of the machine through the vibrating sieve conveyor.

User-friendliness

The machine is easy in operation, even for uneducated employees:

- Stainless steel switch box with on and off buttons for pump and vibrating sieve, emergency stop and main switch.
- Water level: the machine fills itself automatically with water. The fluid sensors in the filter tank control the water level permanently and supply automatically when necessary.

- All valves are stainless steel butterfly valves, which are easy to operate and can be put in any position to regulate the water flow. Also the butterfly valves will not be jammed by sand.



Sustainability

- The machine is completely made out of sustainable stainless steel. All technical components are only from renowned brands.
- All technical components like the pump, vibrating motor and electrical components are featured in stainless steel covers. Because of this, the components are perfectly protected against water.
- The machine is completely built in our own factory, and we are proud to call it a true Dutch quality product!

Cleaning / hygiene

- The conveyor belt can be simply pushed forward, and then be tilted. Then the drive roller can be unlocked and tilted with 1 button. This means that the conveyor belt can be cleaned on all sides - even inside.
- The screen plate and bulkheads of the filter tank can be removed easily.
- The screen plate of the washing tank can be removed easily.
- All piping parts can be dismantled very quickly - and without tools - by means of tri-clamps. They have no screw thread on the pipe-ends, and because of that they are much more hygienic than the common used dairy fittings (nut/coupling nut).
- Because of the use of tri-clamps, butterfly valve, and high quality welding, all piping and fitting complies to even the strictest demands and regulations which apply in the pharmaceutical and dairy industry.
- Because of the smoothly finished surfaces and the lack of 'dirty angles', the machine can be cleaned quickly, radically and hygienically.
- All external wiring is bundled nicely on stainless steel rods, so no dirt stays on.



Safety

- When the water supply stagnates and the water level drops down below the minimum, the pump will be switched off by the low water level protection (fluid sensors), and will be switched on again when the minimum level is reached.
- Safe 24V secondary circuit.
- Emergency switch on main switch box.

Technical applications and dimensional drawings

Page 7 and 8 show the dimensional diagrams.

Capacity: from 500 to 1000 kg/hour, depending on pollution and specific gravity.

Electrical data: 3 Ph / 400 V / 50 Hz / 6 Amp.

Power: 2,8 kW

Dimensions (LxWxH): 3586 x 1289 x 1704 mm.

Weight: 361 kg

Water capacity: 690L

Water connection: ¾" hose for filling, ½" hose for after sprinkling.

Prices

VWM-3600 CB (with conveyor belt) standard execution.: on request

(With conveyor belt featuring a mesh belt, air compressor and Vibrating motors completely out of stainless steel

Optional

- Fly-catcher on request
- Stainless steel table for 3 blue plastic drying basket on request
- Stainless steel braked casters (6) on request

Delivery time: 1 – 6 weeks..

Delivery: ex. Works Deurne / the Netherlands. Packaging and transportation excluded.

Guarantee: 1 year, outside the Netherlands only on spare parts.





