OVO TECH
EGG PROCESSING MACHINES

M-500 egg pasteurizer

Capacity:	**time of the pasteurization / cooling cycle of the product depends on the amount of raw material: 500 L/cycle 6-8 hrs, 132 gallons/cycle (min. 250 L/cycle 4-6 hrs, 66 gallons/cycle)**
Additional functions:	**remote control of the process via WWW – Windows, Android, graphical and digital recording of the correctness of the pasteurization process**

Power supply:	51 kW 400 V 3/N/PE 50/60 Hz 51 kW 230 V 3/N/PE 50/60 Hz	**Dimensions:**	1200x1200x2000 mm [tank], 2000x890x1600 mm [chiller], 950x650x1650 mm [FM]
Electricity consumption:	150-180 kWh per cycle 500L	**Workspace:**	5500x3500 mm
Compressed air:	6-8 bar, min. flow 260 l/min [FM]	**Weight:**	485 kg [tank], 498kg [chiller], 70 kg [FM]
Water:	drinking water for washing	**Operated by:**	1 person – 3 hours of operator work per cycle of pasteurization, packaging and disinfection
PLC Control:	pasteurization is automatic, packaging is semi-automatic, measuring the amount of egg mass – automatic, disinfection is automatic, washing is semi-automatic	**Compatibility:**	PM BOX, PS-1, FS, FM

Description

The pasteurizer set consists of four machines: the M-500 pasteurizer, the BagInBox bag filler, the heating and cooling chiller and the shell filter. The pasteurizer's tank is filled with liquid egg which is then automatically heated to the temperature of 66-69°C and rapidly chilled to 2-6°C. The desired pasteurization time can be adjusted with the control panel. The chilled egg liquid is then automatically pumped into the bag filler where the it is measured and then pumped into BagInBox plastic bags. The machine is equipped with a semi-automatic Clean-In-Place (CIP) system which, after changing hoses configuration, automatically cleans and disinfects the machine. All parts of the machine which come in contact with eggs are made out of stainless steel AISI 316. The remaining parts are made out of stainless steel AISI 304



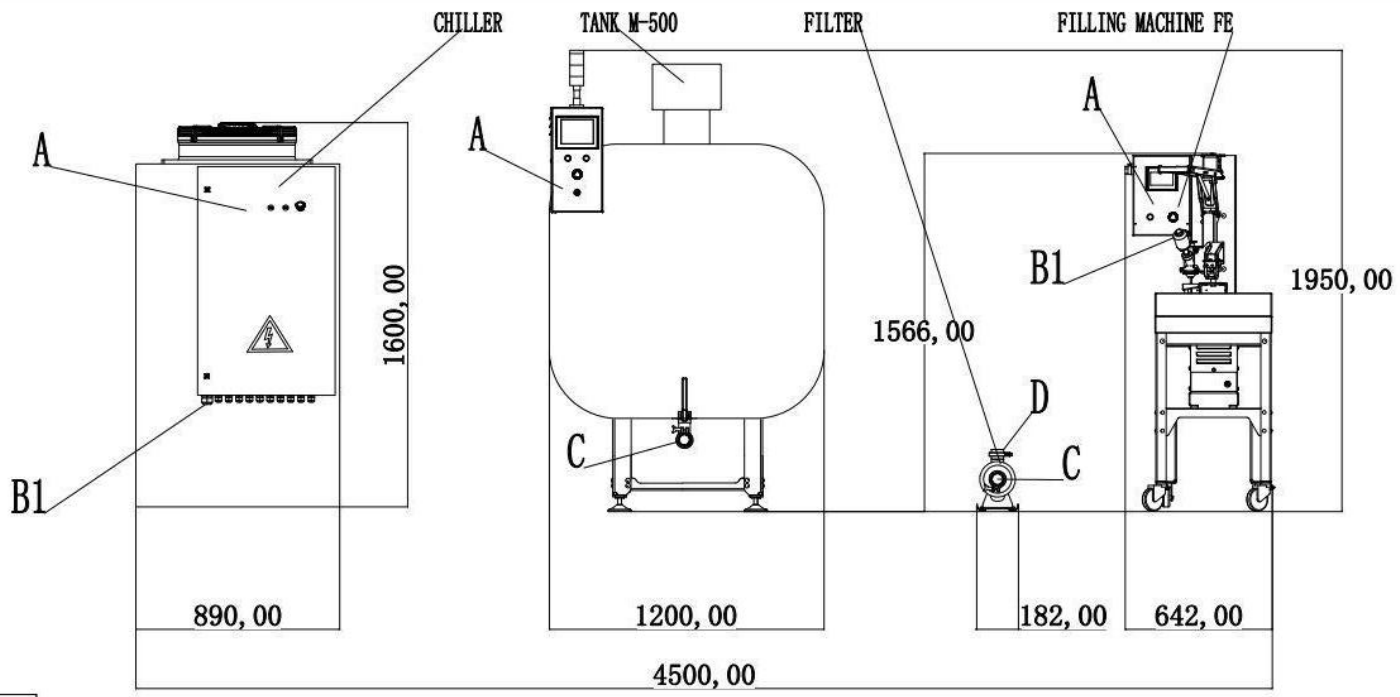
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DATE	AUTHOR
27.09.2024	SE

PROJECT
LINE M 500 SET



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Power supply:	38-50kW 400V 3/N/PE 50/60Hz 38-50kW 230V 3/N/PE 50/60Hz
Water connection:	input 1″ output 2″
Compressed air connection:	TYPE 26 260L/min
Minimal workspace:	5500 x 3500 mm
Minimal wall clearance:	the rear side ~600 mm
Dimensions:	4500 x 2000 x 1950
Operated by:	1-2 person

A - panel control
B1 - connections slectrical
C - liquid egg input
D - liquid egg outled

