



Block Mould Machine

Blockmould is designed in vertical shape, and only one side opening which ensures the steam and vacuum tightness 100% during the process.

This also needed for the pressure certification and during operation machine needs less service.

Described dimensions on the blockmould and working pressure indicates that the unit is a kind of pressure vessel (box) and needed to be used specified materials and inspection from a notify body. (TUV-BureauVeritasvb)

The certificates for inspection will be delivered together with the machine and this protects the buyer and the seller from the future problems against labour issues. Machine is produce with fix walls, according to the demand we can also offer adjustable walls.

Machine steam chamber made of stainless steel wedge wires (SSWW) means has a opening surface of steaming 12%. This accelerates the steam and vacuum cycles and in the end cycle time shortens. The plates connected with 6 screws, easy to service when needed.



Block Filling Silo

Filling silo located behind the machine, level is controlled by level sensors automatically. The unit stops the machine when there is not sufficient material available in the silo. Includes all the piping material pipes diameter 250 mm, from the silo till filling injector on the top of the machine. There is a slide under the silo which allows to clean the material back to the silos when needed via transfer fan. Optionnly filling silo can be equipped with a filter inside and a exit on the side of the silo to collect the dust in a plastic bag.



Vakuu Unit

With the help of the vacuum, machine has a homogenous fusion inside the block and it helps to reduce the cycle time. The water which accumulated in the vacuum system evacuated without water pumps-means that it brings advantage on the electrical consumption.

- Cylindrical vacuum tank volume 10.000 lt, vertically positioned next to blockmould
- Steam/Water condenser operating volume 1.000 lt



Material Unloading Conveyor

Unit equipped with a electronic balance, measures the weight of the blocks which comes out from the block mould. It moves together with the door of the machine and located 90° against the exit side of the machine. Blocks are moved on a stainless steel chain and if needed datas can be printed on the block during this time via inkjet printer.



Block Elevator

After the unloading conveyor, block needed to be transported to storage. This unit brings the blocks down to floor with hydraulic movement to be transported with a simple transpallet operated by a person. Unit has a housing which let the transpallets to go under the block easily. Delivered together with a roller conveyor with a 3 pieces block capacity.

Control panel



- Main cabinet with security lock main swith
- PLC SIEMENS S7 serie
- Touch screen panel size 10.1", operator friendly functions, showing the process operations with simulation
- Production datas can be stored as Receipt on the panel or can be transferred, loaded any time needed.
- Showing the steam and foam pressure diagramm enables to follow the process steps easily
- Alarm system with visual and sound
- Machine filling is done on the top of the mould operated with hydraulic piston, opening dameter 250 mm. This allows fast ad homogenous filling with vacuum. The difference between top and bottom part is max 3% different in density. This brings a big advantage especially producing with scrap material

Technical Specification

Machine Type	ABM 2000	ABM 3000	ABM4000
Gross Dimensions	2085 x 1245 x 1035	3100 x 1245 x 1035	4100 x 1245 x 1035
Volume	2000 x 1200 x 1000	3000 x 1200 x 1000	4000 x 1200 x 1000
Capacity			
10 kg/m ³	14-18 block/h	14-18 block/h	14-18 block/h
16 kg/m ³	16-18 block/h	16-18 block/h	16-18 block/h

Diğer ölçüler için bizimle irtibata geçiniz.