

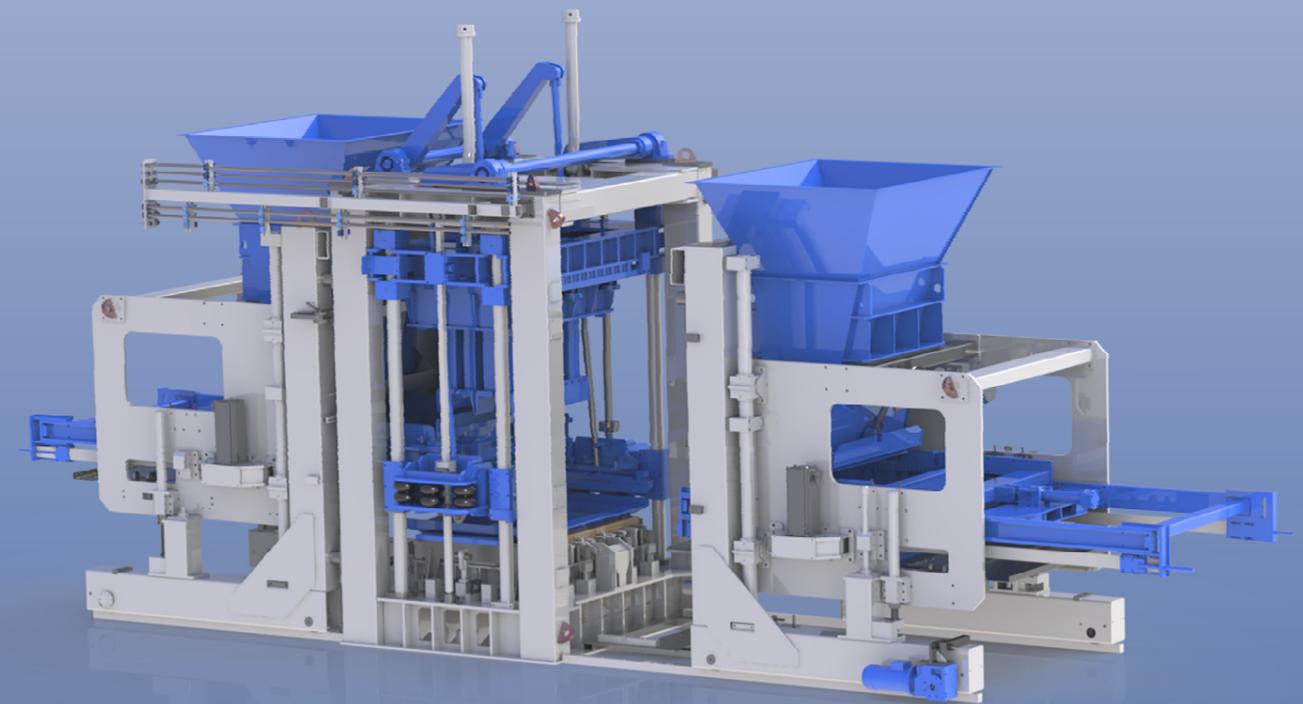
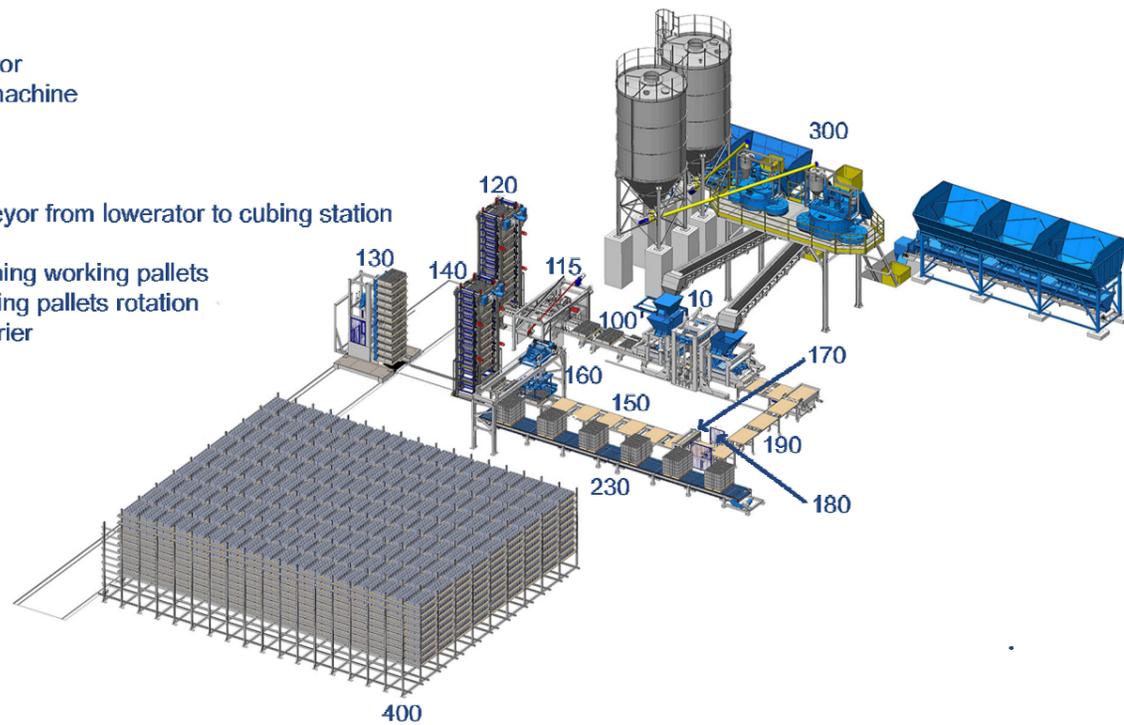


## PRO1500

CONCRETE PRODUCTS MACHINE

### CONSTRUCTION MACHINES PRODUCTION

- 10 - Block machine
- 100 - Exit belt conveyor
- 115 - Face washing machine
- 120 - Elevator
- 130 - Finger car
- 140 - Lowerator
- 150 - Transport conveyor from lowerator to cubing station
- 160 - Cubing device
- 170 - Device for cleaning working pallets
- 180 - Device for working pallets rotation
- 190 - Pallet cross-carrier
- 230 - Slat conveyor



© PROMETAL Company 4/2019



PROMETAL  
 Serbia, Belgrade, 11450 Sopot, Milosava Vlajića 49  
 Tel. +381 11 8251 625 Fax. +381 11 8251 071  
 www.prometalmachines.com info@prometalmachines.com



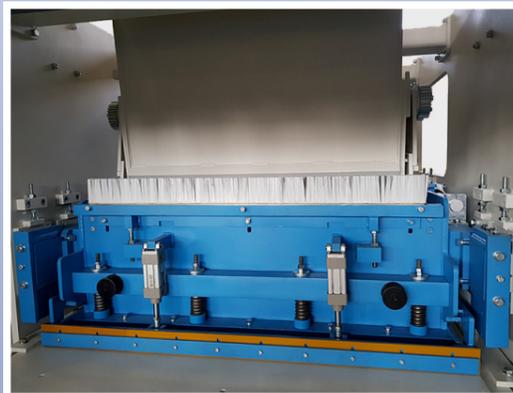
The PRO1500 block machine with its superior design looking to provide the operator with efficient and reliable production at a very high-class end. Optimal usage of electrical and hydraulic power gives this machine the advantage in relation to competition.

Hi-dynamic Servo vibration system transmits power for the high compaction with the just right consumption of electrical power to vibration table consisted of impact and ledge bars and thus providing top-quality paving stones, blocks, curbstones as well as any other products which modern demanding market requires. Vibration power of 220 kN provides fast compaction of the product thus lower cycle time and the precise heights of the products.



Filling boxes both from the coarse mix and face mix powered with 2 servo motors create fast movement back and forth contributing reliable filling of the mould. As for the coarse mix device filling box it is additionally equipped with an agitator (driven by the hydraulic cylinder) for equal and fast filling.

With the PRO1500 coarse mix device and face mix device come as a separate part from the central part of the machine, with that design we made sure that our clients have proper conditions for maintenance of the equipment. Pneumatic clamping of the mould comes as standard and assures that time is not consumed more then it is necessary on the changing of the mould.



This machine can be considered as an ultimate solution for the production of concrete elements providing the one to choose numerous options as an additional upgrade to the machine that can make production even more efficient:

- Transverse cleaning brush for curbstone production
- Planing roller
- Inserting device for polystyrene
- Color mix device
- Automatic height adjusting of coarse mix and face mix
- Pneumatic clamping of tamperhead.

**Energy efficient** as the filling boxes are driven by servo motors and more important hydraulic power unit as a highest consumer of electrical power is driven with servo motors as well.



TECHNICAL SPECIFICATIONS:	PRO1500
Production pallet (mm)	1400 x 1100
Production area (mm)	1300 x 1050
Min. product height (mm)	25
Max. product height (mm)	400
Weight approx. (kg)	28000
<b>PRODUCTION CAPACITY</b>	
Paving stones 10x20x6cm <b>without</b> face mix:	
m <sup>2</sup> in 8h	2000
Cycle time (s)	13
Number of products/mould	54
Paving stones 10x20x6cm <b>with</b> face mix:	
m <sup>2</sup> in 8h	1550
Cycle time (s)	17
Number of products/mould	54
Hollow block 20x20x40cm:	
pieces for 8h	19200
Cycle time (s)	16
Number of products/mould	12
Exact output capacity depend on factors like concrete mix, humidity, wall thickness of blocks etc., usually this capacity is reduced to 85% of maximum capacity	