



### Concrete Block and Paver Machine PRO 100 D

The PRO 100 D Version is a stationary semi automatic concrete block and paver making machine. It is a double bunker model for course concrete and face concrete in the paver production. Manufactured with compact and robust mechanical, hydraulic and electrical components. The PRO 100 D version has a short vibration time and can manufacture all types of hollow block, solid block, paver block types, t or slab block, kerbstone by changing of the mould type.



#### Standart Equipments of Production Line

Concrete Block and Paver Machine	1 Unit Double Bunker including Crane Equipments for Mold changing
	1 Unit Front Belt Unit
	1 Unit Front Roller
Concrete Mixer	1 Unit 0,75 m <sup>3</sup> Horizontal Single Shaft including Hydraulic unit
Movable Mortar Conveyor Belt	1 Unit 8 meter (800 x 600 mm)
Aggregate Conveyor Belt	1 Unit 8 meter (800 x 600 mm)
Aggregate Feeding Hopper	1 Unit
Pallet Carrier	8 Pcs
Hydraulic Oil Tank	1 Unit
Electric Panel	1 Unit



Additional Equipments of Production Line	
Aggregate Feeding Hopper	1 Unit 3 x 10 m <sup>3</sup> Manual or Full Automated Weighing System via PLC
Concrete Mixer Cement Weighing	1 Unit Full Automated Weighing System via PLC
Water Weighing System	1 Unit Full Automated Weighing System via PLC
Cement Silo & Screw Conveyor	1 Unit 75 ton (Bolt System) / Screw Conveyor 220 cm
Front & Back Elevator (Robot)	2 Units Legged Pallets or Finger Car System
Mobile Stone Crusher	1 Unit For Vulcanic or Waste and Broken Blocks Cap. 20 m <sup>3</sup> / Hour
Spareparts	1 Set (As per customers decisions)

Technical Specification	
Description	Concrete Block and Paver Machine
Model	Pro 100 d / Double Bunker
Crane Capacity	1200 Kg / Jip Crane (For Mold changing only)
Hopper Capacity	2 * 1230 dm <sup>3</sup>
Pallet Dimension	900 * 900 * 30 mm
Operation System	Semi Automatic Sytem
Control System	Semi Automated Hydraulic Valve (5 Sticks)
Bottom Vibration	4 * 4 kw @ 2920 rev/min Brand / GAMAK
Top Vibration	2 * 0,5 kw @ 3000 rev/min Brand / KEMP
Production Height	minium 40 mm
	maximum 200 mm
Hydraulic Pressure	80 - 250 bars
Hydraulic Motor	11 kw @ 1460 rev/min Brand / GAMAK
Hydraulic Tank	250 liter
Hydraulic Oil	0° C / +20° C N° 46
	30° C / +50° C N° 68

Block type	Dimensions	Capacity details		
Hollow Block	200*400*200 in mm	cycle time	(sec.)	27
		quantity	(1 hours)	1066
		pcs	(per pallet)	8
Hollow Block	150*400*200 in mm	cycle time	(sec.)	27
		quantity	(1 hours)	1333
		pcs	(per pallet)	10
Hollow Block	100*400*200 in mm	cycle time	(sec.)	27
		quantity	(1 hours)	1866
		pcs	(per pallet)	14
Slab Block	240*400*200 in mm	cycle time	(sec.)	27
		quantity	(1 hours)	800
		pcs	(per pallet)	6
Paver Block	100*200*60 in mm	cycle time	(sec.)	20
		m <sup>2</sup>	(1 hours)	110
		pcs	(per pallet)	32

Production capacities are calculated on 85% basis and depend on machine configuration. Other board sizes are available



### Batching Plant Specifications

Description	Concrete Mixer
Model	CBM 750 / Horizontal Single Shaft
Mixer Capacity	Aggregate capacity = 0,75 m <sup>3</sup> / Mortar capacity = 15 m <sup>3</sup> per Hour
Water Feeding	Manuel / Water Tap
Operation System	Manuel / Electric Button
Control System	Hydraulic Door
Mixer Motor Power	22 kw @ 101 rev/min Brand / YILMAZLAR (ELK)
Gear Box	Brand / YILMAZLAR (Twing Gear)
Wear Plates	ST 52 (C45)
Mixer Arm	Ø70 ST52-3 (6 Arms)
Mixer Paddle	6 pcs / ST 52

Description	Mortar Conveyor Belt
Model	BNT 8 MP
Capacity	20 ton per Hour
Belt Rubber Dimensions	8000 mm x 600 mm
Belt Rubber Specifications	4 times coated
Belt Rubber thickness	8 mm
Roller & Drum Material	ST52 8 mm Sheet Metal - Ø45 ST37
Transmission Gear	Brand / YILMAZLAR
Conveyor Belt Motor Power	2,2 kw @ 104 rev/min
Control System	Electric Buttons connected to Concrete Mixer

Description	Aggregate Conveyor Belt
Model	BNT 8 MA
Capacity	20 ton per Hour
Belt Rubber Dimensions	8000 mm x 600 mm
Belt Rubber Specifications	4 times coated
Belt Rubber thickness	8 mm
Roller & Drum Material	ST52 8 mm Sheet Metal - Ø45 ST37
Transmission Gear	Brand / YILMAZLAR
Conveyor Belt Motor Power	2,2 kw @ 104 rev/min
Control System	Electric Buttons connected to Concrete Mixer



Description	Pallet Carrier
Model	Z 100
Pallet Carrier Material	ST 37 Transmission Pipe
Pallet Carrier Dimensions	900 mm x 900 mm

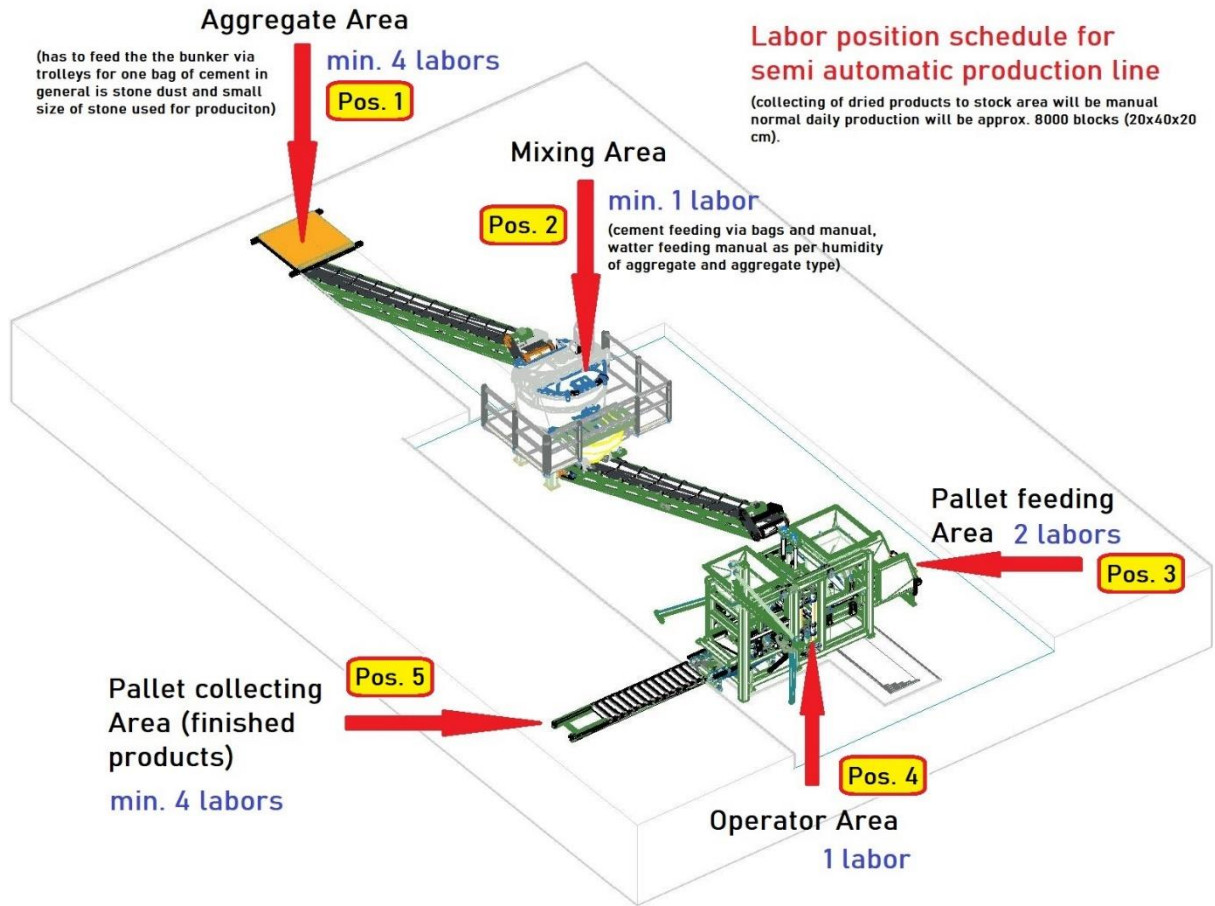
Total Power Consumption						
No	Description	kW		rev/min	Amper	
		Single	Total		Single	Total
1	Vibration Motor	4,00	16,00	2.920,00	7,40	29,60
2	Top Vibration Motor	0,50	1,00	3.000,00	1,70	3,40
3	Front Bunker Feeding Motor	1,10	1,10	59,00	4,26	4,26
4	Back Bunker Feeding Motor	1,10	1,10	59,00	4,26	4,26
5	Front Belt Motor	1,50	1,50	40,00	5,72	5,72
6	Hydraulic Tank Motor	11,00	11,00	1.460,00	21,80	21,80
7	Hydraulic Tank Fan Motor	0,11	0,11	2.500,00	0,45	0,45
8	Mixer Motor	22,00	22,00	101,00	41,40	41,40
9	Mixer Hydraulic Motor	3,00	3,00	1.457,00	6,74	6,74
10	Movable Conveyor Belt	2,20	2,20	104,00	8,05	8,05
11	Movable Conveyor Belt direction motor	0,75	0,75	1.450,00	3,07	3,07
12	Mortar Coveyor Belt	2,20	2,20	104,00	8,05	8,05
Total Power Consumption		61,96			136,80	

Electrical Panel			
* All electric components are equivalent to electrical system of			
a)	3 (three) phase	380 / 440 V	50 Hz
b)	Single phase	220 / 340 V	50 Hz
* Total Power consumption		61,96 kW	136,80 A
* Contactor Brand		Siemens	
* Breaker Brand		Siemens	
* Speed Control System Brand		Mitsubishi Electric	
* All motors are minimum IP 45 standarts			
* Electric panels are stainless steel and full insulated			



Labor / Employee placment at the Production Line		
Operator on Concrete Block Machine	Pos. No. 4	1 Labor
Pallet Feeding Area	Pos. No. 3	2 Labors
Pallet Collecting Area	Pos. No. 5	5 Labors
Concrete Mixer (Cement Feeding)	Pos. No. 2	1 Labor
Aggregate Feeding Area	Pos. No. 1	4 Labor

All Labor details are minimum additional Labors will be needed for collecting of dried blocks, loading of products etc.







### Shipment Terms

Ex Workhouse Antakya – Hatay / TURKEY. On Time of shipment Seller can ship the goods on behalf of Buyer to requested destination port on costs of Buyers account. The Shipment will be effected by our Sister Company BKR SAN. DIS TIC. A.S. on behalf of PRES MAKINA A.S.

### Delivery Terms

Upon agreement and current production situation of manufacturer.

### Installation Terms

The Buyer has to prepare the concrete foundation work as per drawings from Pres Makina A. S. which has to be send to buyer on shipment of production line. The Buyer has to prepare before arrival of installation team the necessary water and electrical connection supply. The Buyer has to cover the costs of arrival to destination and accomodation (flight, tickets, hotel and local needs for installation purpose). The installation team has to assemble the produciton line and has to train the working staff to run the production line (During operation buyer has to provide 2 so called operator for training purpose).

### Warranty Terms

The warranty period is 2 years from date of Installation against mechanical parts and deffects Pres Makina guarantees that the commodity is new, unuesed, made with best materials and workmanship. Pres Makina will ensure that the equipment is free of all design, manufacturing and installation deffects. In case of any damage occurs under warranty terms, the seller shall compansate all fixing or renewable expenses. The guarantee will not cover any damage resulting from incorrect use, fault in operation if proper training would have been give by Pres Makina, normal war and tear, electrical equipments, motor, servicing given by unauthorize parties are out of guarantee conditions.

### Spare Parts

Every Machine which has been sold by Pres Makina has a spare parts delivery warranty of 10 Years. Pres Makina has to warranty all spare parts during this period in stock. Every spare parts on or out of warranty has to be send from Pres Makina within 10 working days via Courier or Airplane.

### After Sales Service

Every Machine which has been sold by Pres Makina has a after sales service where it is reachable 7/24 hours via :

Email [info@presmakina.com](mailto:info@presmakina.com) / [export@presmakina.com](mailto:export@presmakina.com)  
Whatsapp [+90 530 067 3776](tel:+905300673776)