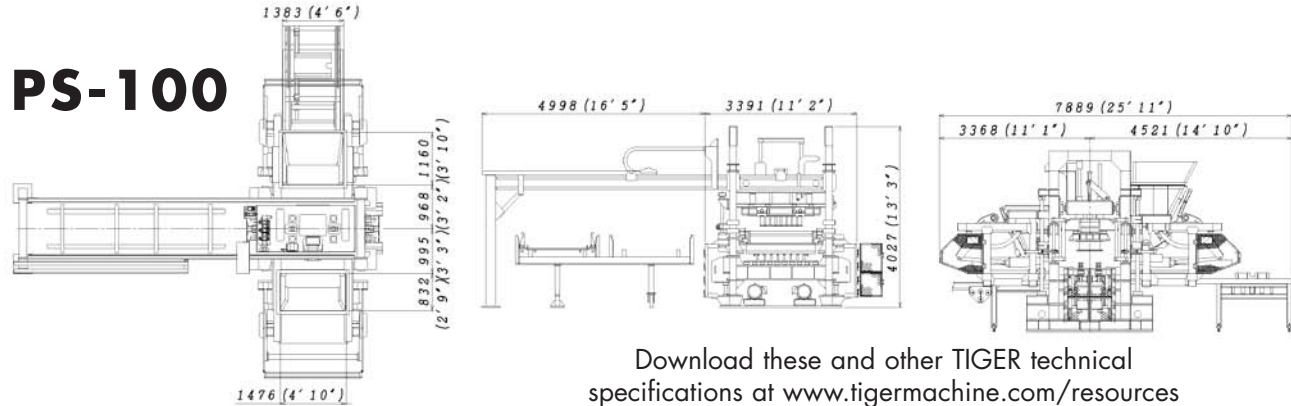


TIGER

PS SERIES SPECIFICATIONS & FEATURES

Please discuss your plant requirements with a TIGER representative. Our TIGER team of experts in the field of concrete product manufacturing are ready to assess your needs and provide the equipment that best suits your requirements. Let us help you identify the correct PS Series machine to fit your product applications.



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PS SERIES CONCRETE PRODUCTS MACHINES - SPECIFICATION

Available with:	PS-50	PS-70	PS-100
Offbearing hoist system	N/A	N/A	N/A
Rack loader & unloader systems	OK	OK	OK
Rack transfer systems (CR or RTS)	OK	OK	OK
Pallet transporter systems (PTS)	OK	OK	OK
Single pallet handling systems (SPH)	OK	OK	OK
Cuber Systems	OK	OK	OK
Features			
Vibrator motors - kW	7.5 kW (10 hp) x 4 pcs.	7.5 kW (10 hp) x 4 pcs.	7.5 kW (10 hp) x 4 pcs.
Pump motor - kW	45 kW (60 hp)	45 kW (60 hp)	55 kW (75 hp)
Hydraulic pump - Liter Per Minute	141 liters (37.1 Gallons)	155 liters (40.7 Gallons)	190 liters (50 Gallons)
Oil Cooling Fan/Heat Exchange Motor kW	0.4 kW (0.53 hp)	0.4 kW (0.53 hp)	0.4 kW (0.53 hp)
Hydraulic oil reservoir/Tank - Liters	450 liters (118.42 Gallons)	450 liters (118.42 Gallons)	750 liters (197.37 Gallons)
Recirculating pump motor - kW	2.2 kW (2.9 hp)	2.2 kW (2.9 hp)	2.2 kW (2.9 hp)
Recirculating pump - Liters per minute	138 liters (36.3 Gallons)	138 liters (36.3 Gallons)	138 liters (36.3 Gallons)
Hydraulic system pressure - MPa	11/15 MPa (1595/2175 psi)	14/16 MPa (2030/2320 psi)	14/16 MPa (2030/2320 psi)
Compression head vibration	Standard - Pneumatic - Piston -Type	Standard - Pneumatic - Piston -Type	Standard - Pneumatic - Piston -Type
Capacity			
Steel pallet size - mm	978 x 660 x 12	1100 x 790 x 12	1300 x 1080 x 13
Steel pallet size - inches	38.5" x 26" x .5"	43.31" x 31.09" x .5"	51.18" x 42.53" x .53"
Useable mold cavity - mm	950 x 640 x 40-150	1050 x 775 x 40-150	1260 x 1030 x 40-150
Useable mold cavity - inches	37.40" x 25.18" x 5.90"	41.34" x 1.65" x 5.90"	49.60" x 40.56" x 5.90"
Productivity			
Average dry cycle speed in seconds	7.4	8	8.5
Average wet cycle speed in seconds	13	13.5	14
Average cycles per minute	4.62	4.44	4.29
Concrete masonry units per cycle/pallet			
Holland-Stone Pavers - 10 x 20 cm	20	35	54
Tri-Hexagon pavers 20 x 20 cm	12	18	30
Spanish Adoquin 22 x 24 cm	8	12	20
Uni-Stone 11 x 22 cm	20	24	40
Cobble Full 15.7 x 22 cm	12	24	40
Uni-Décor Std 13 x 22 cm	15	24	40
Cobble-Stone 15 x 22 cm	16	16	30
Dimensions & Weight			
Weight	16000 kg (35200 lbs)	17500 kg (38500 lbs)	24000 kg (52800 lbs)
Machine size (W x H x L) - mm	3010 x 3850 x 7380	3100 x 3850 x 7770	4300 x 4030 x 7900
Machine size (W x H x L) - inches	118.5" 151.5" x 290.5"	122.04" x 151.5" x 305.90"	133.75" x 158.5" x 311"

JOIN THE CONCRETE REVOLUTION!

TIGER reserves the right to change, discontinue or improve product design and specifications without prior notice.



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