

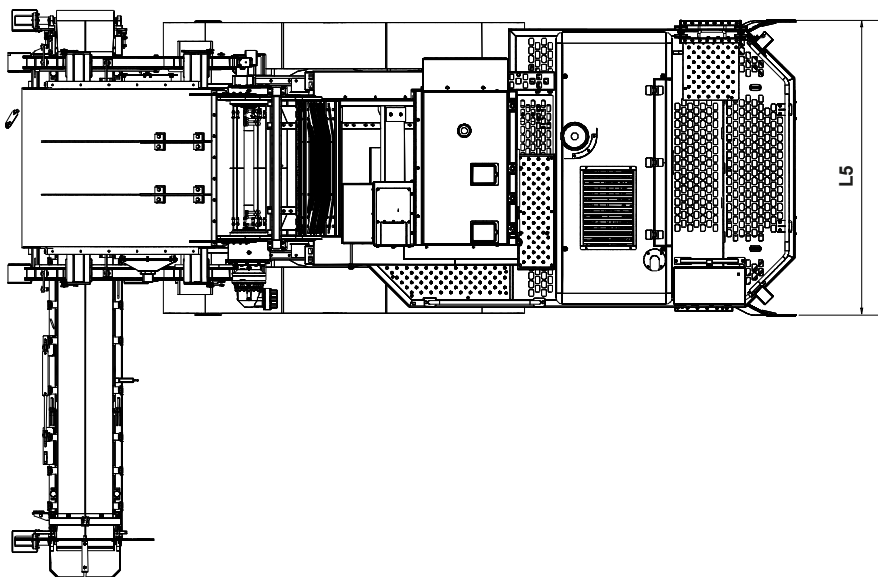
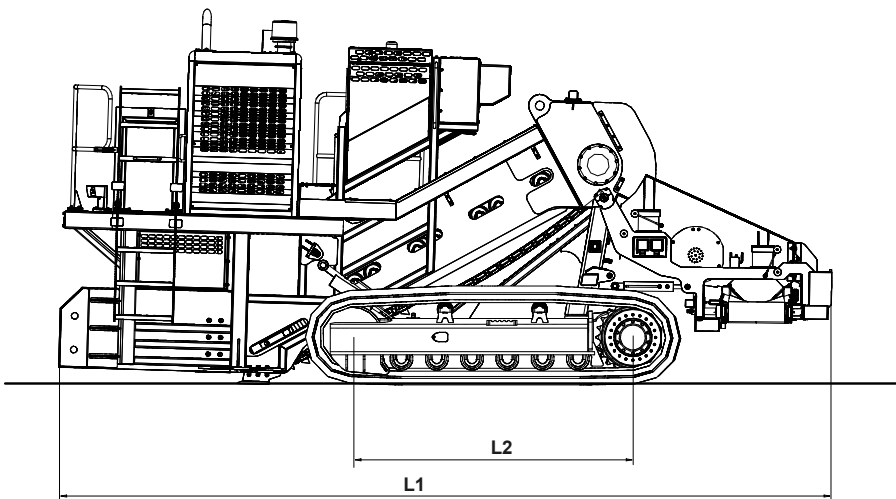
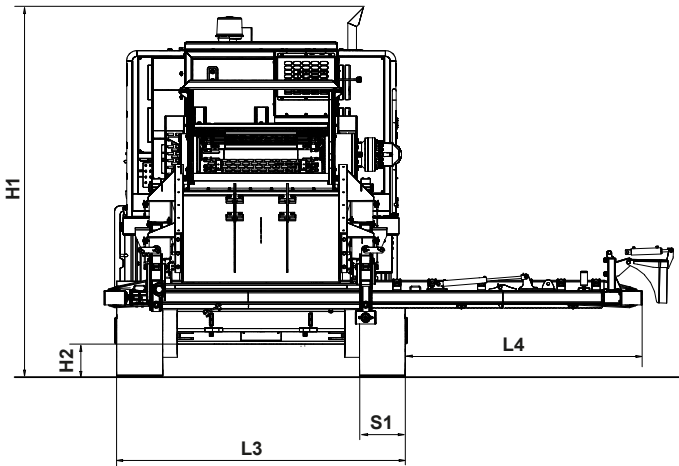
# SELF LOADING PADDING MACHINE












## SPD - 150 EVO

Transport dimensions: 6,95/22.8(L) X 2,57/8.4(W) X 3,0/ 9.8(H) [m/ft]  
 Transport weight: 14.000 / 30,865 [kg/lb]

### Operation dimensions

L1	6,8 m	22.3 ft
L2	2,35 m	7.7 ft
L3	2,52 m	8.3 ft
L4	2,3 m	7.5 ft
L5	2,57 m	8.4 ft
H1	3,2 m	10.5 ft
H2	0,29 m	0.95 ft
S1	0,4 m	1.3w ft



 <b>ENGINE</b>		 <b>UNLOADING CONVEYOR</b>	
EMISSION US EPA&CARB Tier 3 / EU Stage IIIA		Type	Two-Side Belt With Hydraulically-Controlled Extension
Type:	Caterpillar	Belt Type	Rubber
Model:	C4.4	Rotation	Reversible
Net flywheel power (DIN 6270-SAEJ 1349):	147 HP - 111 kW	Width	500 mm - 20 in
Governed speed:	2200 rpm	Length	4.500 mm – 177 in
Displacement:	4,4 l	Variable Speed	0-430 m/min
EMISSION US EPA&CARB Tier 4 FINAL / EU Stage V		Transmission	Hydrostatic, Variable Speed
Type:	Caterpillar	Hydraulic motor	Type 2, Orbital
Model:	C4.4	 <b>SCREEN</b>	
Net flywheel power (DIN 6270-SAEJ 1349):	147 HP - 111 kW	Type	Hydrostatic
Governed speed:	2200 rpm	Interchangeable Mesh	From 1/2" To 4" ( Other Mesches Type On Demand)
Displacement:	4,4 l	Width	1400 mm - 55 in
 <b>HYDRAULIC SYSTEM</b>		Length	1700 mm – 113 in
<u>Transmission Pumps</u>		Area	2,3.m <sup>2</sup> - 25 Sq ft
Doble axial piston pumps, variable displacement		No. Screening Levels	1
Maximum flow:	132 l/min	Max. Speed	960 rpm
Maximum operating pressure:	350 bar	 <b>CONTROLS</b>	
<u>Escalator Pumps</u>		Track controls type:	Joystick - electric over hyd
Axial piston pumps, variable displacement		Service controls type:	Joystick - electric over hyd.
Maximum flow:	80 l/min	Safety controls	Emergency shut-off
Maximum operating pressure:	250 bar	 <b>TRACKED CARRIAGE</b>	
<u>Service Pumps</u>		Bottom Rollers	6 Per Side
Tandem		Top Rollers	2 Per Side
Maximum flow:	74 + 21 l/min	Track Gauge	2.120 mm - 83 in
Maximum operating pressure:	250 bar	Pitch	2.350 mm - 92.5 in
Single		Shoe Material	Steel
Maximum flow:	60 l/min	Shoe Width	400 mm - 15.75 in
Maximum operating pressure:	250 bar	Area In Contact With Ground	18.800 cm <sup>2</sup> - 2914 Sq.in
 <b>TRANSMISSION</b>		Specific Pressure On Ground	0,74 Kg/cm <sup>2</sup> - 10.5 lb/Sq.in
Type	Hydrostatic	 <b>FLUID CAPACITIES</b>	
Motor	Axial piston, 1 speed, integrated	Fuel tank:	280 l -74 U.S.gal
Brakes	Integrated multiple disk brake, negative control	Def tank:	19 litri - 4.2 US gal
Final Drive	Planetary, in oil bath	Hydraulic oil tank:	185 l - 49 U.S.gal
Max. Speed	3,5 km/h - 2.2 miles/hr	 <b>ELECTRIC SYSTEM</b>	
 <b>PERFORMANCE</b>		Operating voltage:	24 V
Operating weight:	13.960 kg - 30,777 lb	Maintenance free supplied batteries:	2
Max. grade ability (full loaded)		Capacity (total):	2x100 Ah
Uphill/downhill:	35% - 22°	Starter capacity:	4,5 kW
Side hill:	8% - 5°	Alternator:	85 A
 <b>ESCALATOR</b>		Remote control	
Type:	Hydrostatic, variable speed		
Brakes:	2 integrate negative control		
Final drives:	Planetary, in oil bath		
Rotation:	Reversible		
Shoes	1165 mm - 46 in		