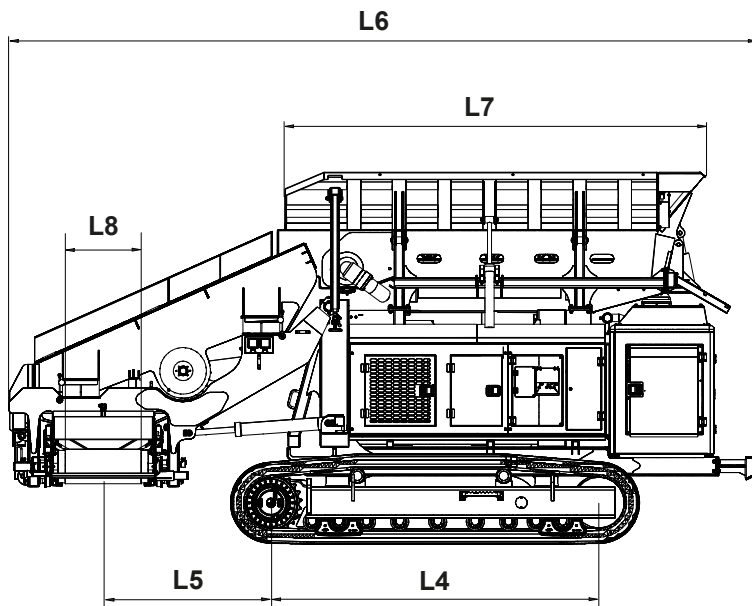
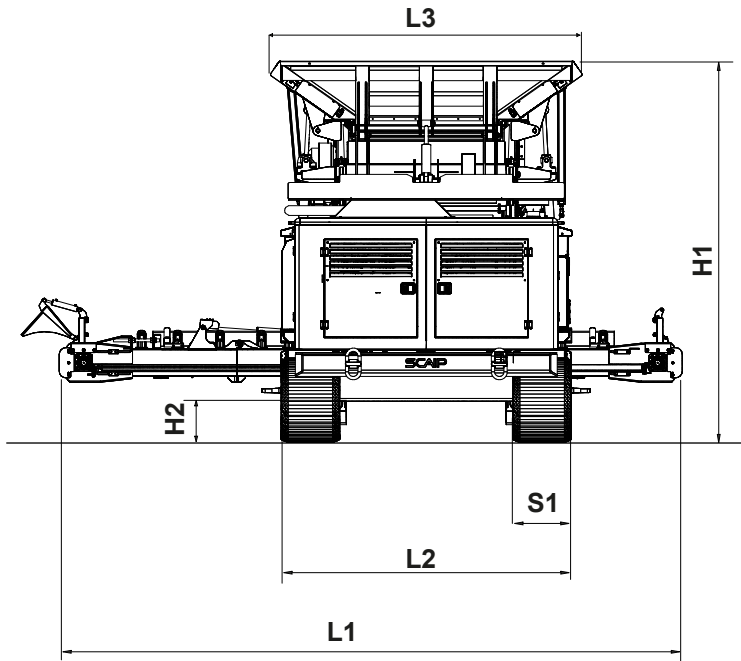


LOADED PADDING MACHINE SPD - 160 EVO

Transport dimensions: 8,1 (L) X 3,5 (W) X 3,5(H) m / 26.6(L) X 11.5(W) X 11.5 (H) ft
 Transport weight: 26.000 kg / 57,320 lb

Operation dimensions

L1	6,4 m	35 ft
L2	3,0 m	12.4 ft
L3	3,19 m	9.97 ft
L4	3,45 m	11 ft
L5	1,75 m	10.7 ft
L6	7,9 m	8.8 ft
L7	4,4 m	39 ft
L8	0,8 m	39 ft
H1 min	3,5 m	1.3 ft
H1 max	3,9 m	10.8 ft
H2	0,42 m	13.5 ft
S1	0,60 m	2.0 ft





ENGINE

EMISSION US EPA&CARB Tier 3 / EU Stage IIIA	
Type:	Caterpillar
Model:	C7.1 ACERT
Net flywheel power (DIN 6270-SAEJ 1349):	225 HP - 168 kW
Governed speed:	2200 rpm
Displacement:	7 l



ENGINE

EMISSION US EPA&CARB Tier 4 FINAL / EU STAGE V	
Type:	Caterpillar
Model:	C7.1 ACERT
Net flywheel power (DIN 6270-SAEJ 1349):	225 HP - 168 kW
Governed speed:	2200 rpm
Displacement:	7 l



HYDRAULIC SYSTEM

<u>Transmission Pumps</u>	
Doble axial piston pumps, variable displacement	
Maximum flow:	157 l/min
Maximum operating pressure:	400 bar
<u>Escalator Pumps</u>	
Axial piston pumps, variable displacement	
Maximum flow:	80 l/min
Maximum operating pressure:	300 bar
<u>Service Pumps</u>	
Axial piston pumps, variable displacement	
Maximum flow:	124 l/min
Maximum operating pressure:	280 bar
Tandem	
Maximum flow:	60 + 30 l/min
Maximum operating pressure:	250 bar
Tandem	
Maximum flow:	72 + 38 l/min
Maximum operating pressure:	250 bar



TRANSMISSION

Type	Hydrostatic
Motor	Axial piston, 1 speed, integrated
Brakes	Integrated multiple disk brake, negative control
Final Drive	Planetary, in oil bath
Max. Speed	2,5 km/h - 1.7 miles/hr



PERFORMANCE

Operating weight:	26.500 kg - 58,443 lb
Max. grade ability (full loaded)	
Uphill/downhill:	35% - 22°
Side hill:	8% - 5°



ESCALATOR

Type:	Hydrostatic, variable speed
Brakes:	2 integrate negative control
Final drives:	Planetary, in oil bath
Rotation:	Reversible
Shoes	1600 mm - 63 in



UNLOADING CONVEYOR

Type	Two-Side Belt With Hydraulically-Controlled Extension
Belt Type	Rubber
Rotation	Reversible
Width	800 mm - 31.5 in
Length	6.000 mm - 240 in
Variable Speed	0-320 m/min
Transmission	Hydrostatic, Variable Speed
Hydraulic motor	Type 2, Orbital



SCREEN

Type	Hydrostatic
Interchangeable Mesh	From 1/2" To 2"1/4 Other Mesches Type On Demand)
Width	1820 mm - 71.5 in
Length	2880 mm - 113.3 in
Area	5,4.m ² - 58 Sq ft
No. Screening Levels	1
Max. Speed	1250 rpm



CONTROLS

Remote control.	
Frequency band (USA)	915 - 928 MHz
Battery	Li-Ion 7.2 V=
Track controls type:	Joystick - electric over hyd
Service controls type:	Joystick - electric over hyd.
Safety controls	Emergency shut-off



TRACKED CARRIAGE

Bottom Rollers	9 Per Side
Top Rollers	2 Per Side
Track Gauge	2.380 mm - 94 in
Pitch	3.450 mm - 136 in
Shoe Material	Steel
Shoe Width	600 mm - 23.6 in
Area In Contact With Ground	41.400 cm ² - 6420 Sq.in
Specific Pressure On Ground	0.64 Kg/cm ² - 9,1 lb/Sq.in



FLUID CAPACITIES

Fuel tank:	220 l -58 U.S.gal
Def tank:	32 litri - 8.5 US gal
Hydraulic oil tank:	465 l - 122 U.S.gal



ELECTRIC SYSTEM

Operating voltage:	24 V
Maintenance free supplied batteries:	2
Capacity (total):	2x100 Ah
Starter capacity:	5,5 kW
Alternator:	85 A