

# SCAIP Padding Machine SPD-350HD



## General Specifications

### ENGINE

#### EMISSION EU Stage V - U.S. EPA Tier 4 Final

Type:	Caterpillar
Model:	C9.3 ACERT
Net flywheel power (DIN 6270-SAEJ 1349):	375 HP - 280 kW
Governed speed:	2100 rpm
Displacement:	9.3 l

#### EMISSION EU Stage IIIA - U.S. EPA Tier 3

Type:	Caterpillar
Model:	C9.3 ACERT
Net flywheel power (DIN 6270-SAEJ 1349):	350 HP - 260 kW
Governed speed:	2100 rpm
Displacement:	9.3 l

### HYDRAULIC SYSTEM

#### Main Pumps

Bosch Rexroth n°2 independent variable displacement	
Maximum flow:	2x 190 l/min
Maximum operating pressure:	400 bar
Bosch Rexroth axial piston variable displacement	
Maximum flow:	190 l/min
Maximum operating pressure:	400 bar

#### Service Pumps - Tandem gear type

Maximum flow:	50 l/min
Maximum operating pressure:	250 bar

### OPTIONAL

Remote control	
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### TRANSMISSION

Type:	Hydrostatic closed circuit
Brakes:	2 integrate negative control
Final drives:	Epicicloidal oil soaked
Maximum speed	
1- speed:	2.5 km/h - 1.6 mph
2- speed:	4.8 km/h - 3.0 mph

### ESCALATOR

Type:	Hydrostatic, variable speed
Brakes:	2 integrate negative control
Final drives:	Planetary, in oil bath
Rotation:	reversible
Shoes	1400 mm - 55 in
Maximum speed	80 m/min - 262 ft/min
Blade depth (from ground)	350 mm - 14 in
Max blade height (from ground)	1510 mm - 60 in
Escalator capacity *	174 m <sup>3</sup> /h - 6145 ft <sup>3</sup> /h

### CONTROLS

Cabin:	movable
Track controls type:	electronic joystick
Service controls type:	electronic joystick
Safety:	Emergency shut-off
Rear camera	display 7"

### UNLOADING CONVEYOR

Variable speed	1900 mm - 75 in
Width	3000 mm - 118 in
Length	5.7m <sup>2</sup> - 61 ft <sup>2</sup>

### TRACKED CARRIAGE

Hard track frame with sealed and lubricated chian	
Number of bottom rollers:	9+9
Number of carrying rollers:	2+2
Track gauge:	2.4 m - 95 in
Length of track on the ground:	3.75 m - 147.5 in
Standard shoes width	3.75 m - 147.5 in
Ground contact area:	45.750cm <sup>2</sup> - 7,091 in <sup>2</sup>

### FLUID CAPACITIES

Fuel tank:	515 l - 136 U.S.gal
Hydraulic system circuit:	540 l - 143 U.S.gal
Engine oil:	35 l - 9.2 U.S.gal
Final drives each:	4,5+4.5 l - 1.2+1.2 U.S.gal
Urea tank (for Tier 4 Final engine):	26.4 l - 6.5 U.S.gal

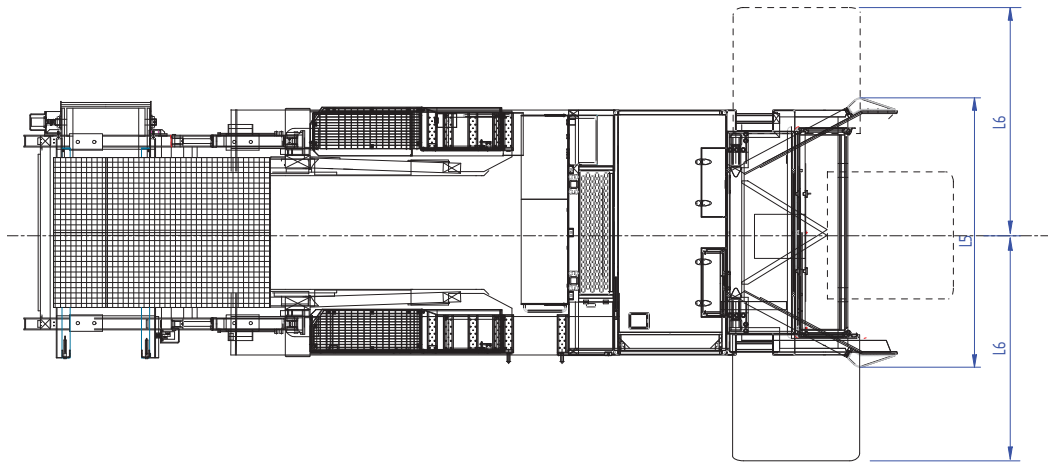
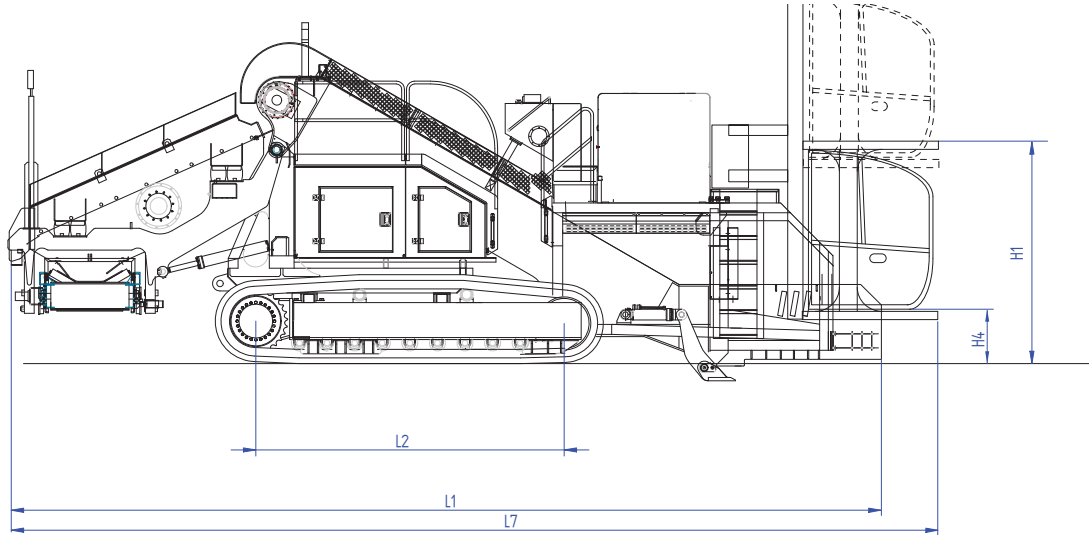
### ELECTRIC SYSTEM

Operating voltage:	24 V
Maintenance free supplied batteries:	2
Capacity (total):	180 Ah
Starter capacity:	7.5 kW
Alternator:	60 A

### SCREEN

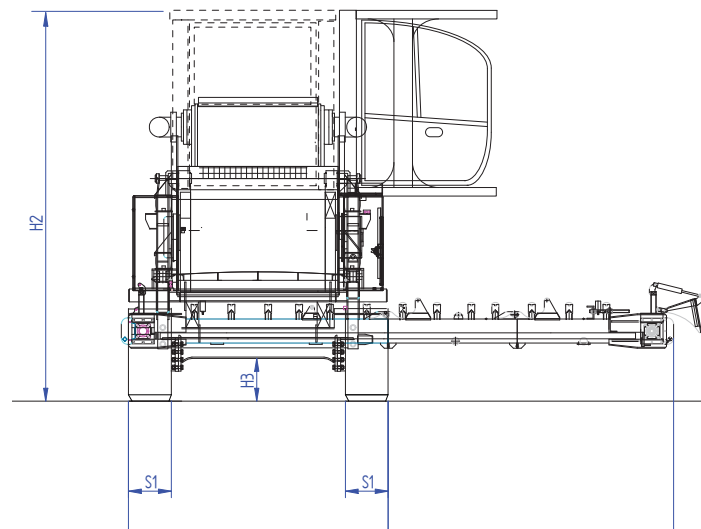
Width	1900 mm - 75 in
Length	3000 mm - 118 in
Screen area	5.7m <sup>2</sup> - 61 ft <sup>2</sup>
Screening capacity (2" mesh)	209 m <sup>2</sup> /h - 2 ft <sup>2</sup> /h
Interchangeable mesh	1,2/10 mm - 1/2 - 4
Number of screening layers	1

# SPD-350HD



## DIMENSION

L1	10,66 m	35 ft
L2	3,74 m	12.3 ft
L3	3,04 m	9.97 ft
L4	3,35 m	11 ft
L5	3,27 m	10.7 ft
L6	2,68 m	8.8 ft
L7	11,88 m	39 ft
H1	4,13 m	13.5 ft
H2	3,31 m	10.8 ft
H3	0,49 m	1.6 ft
H4	0,40 m	1.3 ft
S1	0,61 m	2.0 ft



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