



## ***The SP-350 HD***

The upgraded design features a moveable cabin for increased visibility and requires no tear down or setup, meaning the machine is ready to work when it arrives onsite. Other enhancements include 4 cameras on the machine to monitor the off-sides, shaker and loading of material, and an upgraded undercarriage for more stability.





## Specifications

### Engine

Type	Caterpillar
Model	C-9 ACERT Tier IV Final
Net flywheel power (DIN 6270)	350 HP
Governed speed	2,100 rpm
Displacement	567.5 in <sup>3</sup> (9.3 L)

### Hydraulic System

Main pumps:	H1P100 Danfoss
	2 independent hydrostatic variable pumps travel
Maximum capacity	52.8 US gal/min (200 L/min)
Maximum operating pressure	6,090 p.s.i. (390 bar)
- 1 hydrostatic variable pump escalator - H1P100 Danfoss	
Maximum capacity	52.8 US gal/min (200 L/min)
Maximum operating pressure	4,061 p.s.i. (280 bar)
- 1 hydrostatic variable pump load sensing service - S45-E100 Danfoss	
Maximum capacity	52.8 US gal/min (200 L/min)
- Maximum operating pressure	4,351 p.s.i (300 bar )

### Transmission

Type	Hydrostatic
Motors	A6VE107
Final drives	715C3B
Maximum speed	
- 1 speed	1.1 mph (1.78 km/h)
- 2 speed	2.15 mph (3.46 km/h)

### Fluid Capacities

Fuel tank	136 US gal (515 L)
Hydraulic tank	196 US gal (742 L)

### Escalator

Type	Hydrostatic, operator controlled, variable speed
Chain Adjusters	Berco LH44
Reversible double chain escalator with steel shoes	
Shoes width	53.3 in (138 cm)

### Screen

Width	5.9 ft (1.8 m)
Length	10.4 ft (3.16 m)
Area	60 ft <sup>2</sup> (5.57 m <sup>2</sup> )

### Controls

Type	Pilot operated
Safety	Emergency shut-off
Optional	Video monitor system
	Full remote control

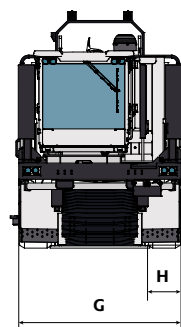
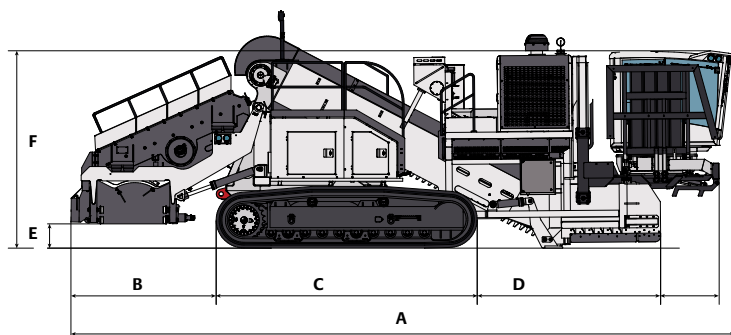
### Conveyor Belt

Bilateral hydraulic extension slide	
Type	Rubber
Width	33.4 in (85 cm)
Length	19.3 ft (5.9 m)
Variable speed	0 - 420 mt/min
Rotation capability	Reversible
Transmission	Hydraulic variable speed
Hydraulic motors	OMS 160

### Electric System

Operating voltage	24 V
Maintenance free supplied batteries	2

## Dimensions



A	40.2' (12.3 m)
B	8.8' (2.7 m)
C	18.1' (5.5 m)
D	8.1' (2.5 m)
E	1.5' (44.8 cm)
F	12' (3.6 m)
G	9.8' (3 m)
H	2' (61 cm)



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