



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.





SCREEN AREA
60 ft² (5.57 m²)



WEIGHT
115,000 lb (52,163 kg)



HORSEPOWER
350 HP (261 kW)

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 ³ (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)

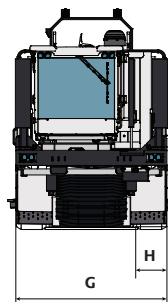
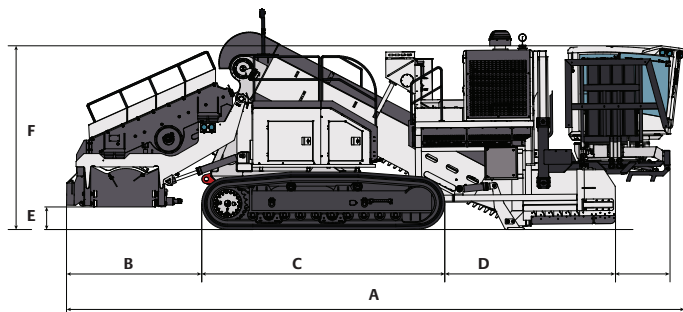
Fluid Capacities

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

Screen

Width Dimensions (Width x Length)	5.9 x 10.4 ft (1.8 x 3.16 m)
Area	60 ft ² (5.57 m 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)

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)

Controls

Type	Pilot operated with emergency shut-off
Optional	Video monitor system Full remote control

Conveyor Belt

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

Electric System

Operating voltage	24 V
Maintenance free supplied batteries	2

Production

Production rate volume	312 ft ³ /hr (8.83 m ³ /hr)
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Note: estimated production on dry soil and flat land with no large shot rock.

Production will vary based on soil conditions, terrain gradient, ROW, etc.



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