



SPD-350 Padding Machine

Screening area	60 sq ft / 5.57 m ²
Operating weight	83,500 lbs / 37,954 kg
Engine type	Caterpillar C-9 ACERT
Horsepower	257 kW / 350 HP



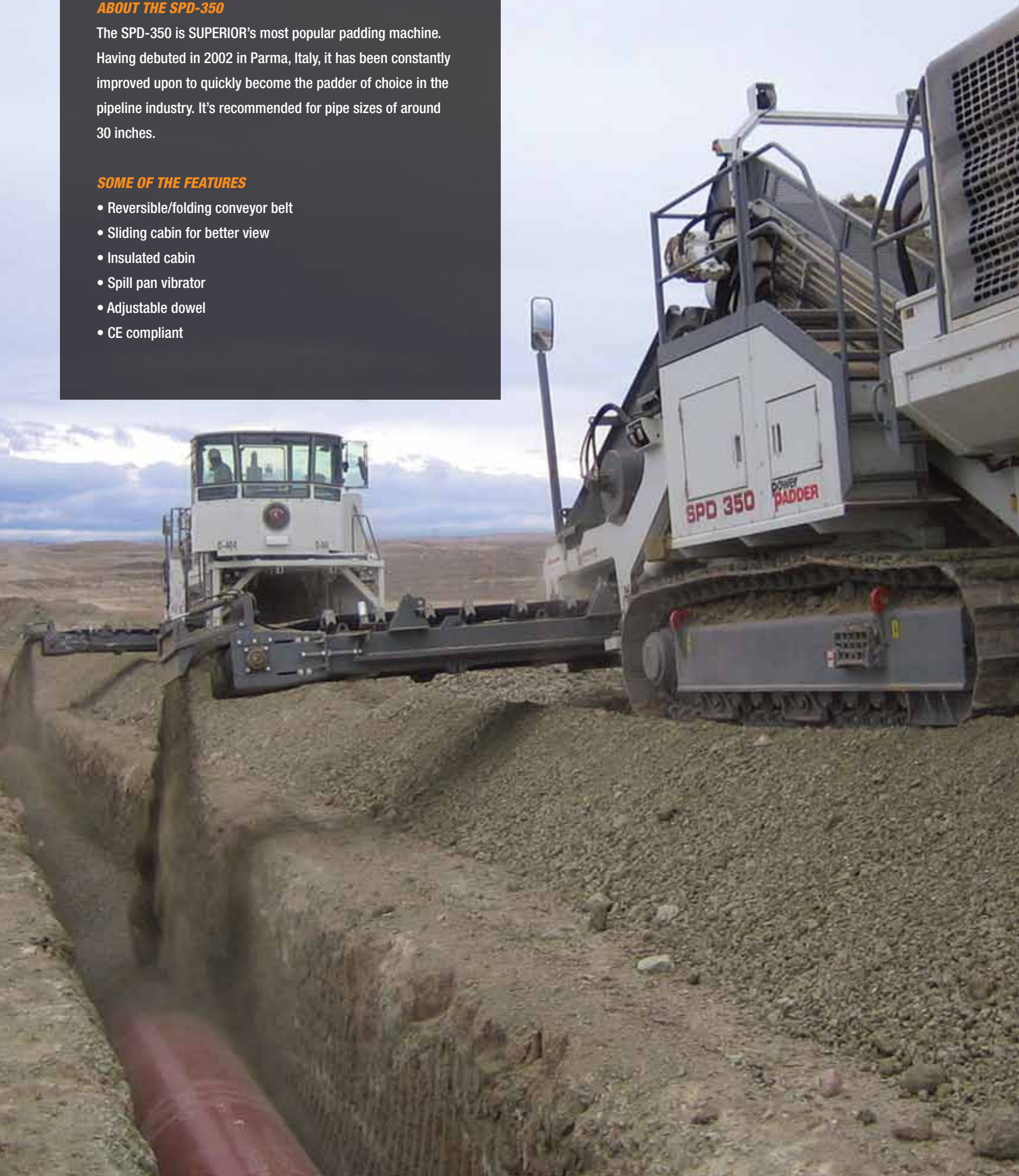
SPD-350 PADDING MACHINE

ABOUT THE SPD-350

The SPD-350 is SUPERIOR's most popular padding machine. Having debuted in 2002 in Parma, Italy, it has been constantly improved upon to quickly become the padder of choice in the pipeline industry. It's recommended for pipe sizes of around 30 inches.

SOME OF THE FEATURES

- Reversible/folding conveyor belt
- Sliding cabin for better view
- Insulated cabin
- Spill pan vibrator
- Adjustable dowel
- CE compliant



GENERAL SPECIFICATIONS

ENGINE

Type	CATERPILLAR
Model	C9 ACERT
Net flywheel power (DIN 6270)	350 HP - 272 kW
Governed speed	2,000 g/pm
Displacement	10.3 lt - 629 cu in

HYDRAULIC SYSTEM

Main pumps:	Bosch-Rexroth
	- 2 independent hydrostatic variable pumps travel
Maximum capacity	2x189 lt/min - 2x50 U.S. gal/min
Maximum operating pressure	420 bar - 6,090 p.s.i.
	- 1 hydrostatic variable pump escalator
Maximum capacity	189 lt/min - 50 U.S. gal/min
Maximum operating pressure	350 bar - 5,075 p.s.i.
	- 1 hydrostatic variable pump load sensing service
Maximum capacity	156 lt/min - 41 U.S. gal/min
Maximum operating pressure	250 bar - 3,625 p.s.i.

TRANSMISSION

Type	Hydrostatic
Motors	(HYDROMATIC) two motors with axial pistons disappearing into the track frames
Brakes	Integrated negative control
Final drives	Epicycloidal oil soaked
Maximum speed	
- 1 speed	2.5 km/h - 1.6 miles/hr
- 2 speed	4.5 km/h - 2.8 miles/hr

CONTROLS

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

ESCALATOR

Type	Hydrostatic, operator controlled, variable speed
Vertical adjustment	Minus 11 inches to plus 4 ft
Chain Adjusters	Hydraulic
Reversible double chain escalator with steel shoes	
Shoes width	1,400 mm - 55 in

FLUID CAPACITIES

Fuel tank	515 liters - 136 U.S. gal
Hydraulic system circuit	750 liters - 196 U.S. gal

FRONT CRACKING WHEEL

Number of wheel	2
Transmission	Hydraulic
Hydraulic motor	1 orbital type
Lifter	1 hydraulic cylinder
Number of tools	6
Optional crushing	Front roller ice

SCREEN

Interchangeable screen mesh	1/2" to 4"
Width	1,829 mm - 72 in
Length	3,048 mm - 120 in
Area	60 sq ft - 5.57 m ²
Number of decks	1
Maximum capacity	110 ton/hr
Maximum feed size	600 mm - 24 in
Transmission	Hydraulic
Hydraulic motor	1 gear type

CONVEYOR BELT

Bilateral hydraulic extension slide	
Type	Rubber
Width	800 mm - 31.5 in
Length	6,000 mm - 236 in
Variable speed	0 - 180 mt/min
Rotation capability	Reversible
Transmission	Hydraulic variable speed
Hydraulic motors	2 orbital type

ELECTRIC SYSTEM

Operating voltage	24 V
Maintenance free supplied batteries	2
Capacity (total)	160 Ah
Starter capacity	7.5 Kw
Alternator	55 A

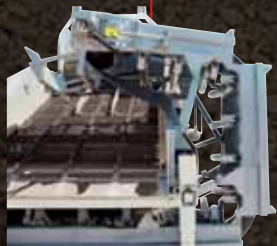
PRODUCTION

Production rate will vary with certain conditions:	
Soil Condition, Pipe Size, Terrain, R.O.W.	
Indicative production, 30" pipe, normal soil	207 mt/h - 680 ft/hr



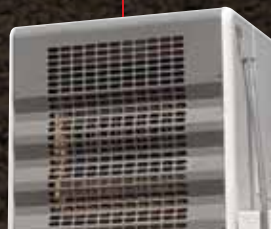
SPILL PAN VIBRATOR

Prevents material from sticking to pan, especially when soil conditions are wet.



REVERSIBLE CONVEYOR

Conveyor can be used on either side of machine. It also can be folded into 3 parts for easy shipping w/o disassembly.



INSULATED ENGINE

Engine compartment reduces noise to comply with EU noise limit requirements.



CABIN GLASS PANELING

Open glass paneling throughout cabin provides operator with 360° unobstructed view.



ADJUSTABLE ENGINE

It can be adjusted to compensate for terrain gradients.

SPD-350 FEATURES



CONVEYOR
Controlled hydraulically to adjust angle and distance at which the material is placed back into the ditch.



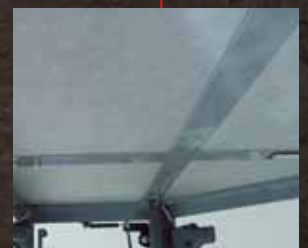
ADJUSTABLE CONVEYOR DOWEL
Controlled hydraulically to adjust angle and distance at which the material is placed back into the ditch.



OSCILLATING CABIN
Hydraulically slides out to either side of the machine to facilitate working on either side of the ditch.



CONTROL PANEL
Controls are duplicated on both sides of the cabin for ease of operation on either side of the ditch.

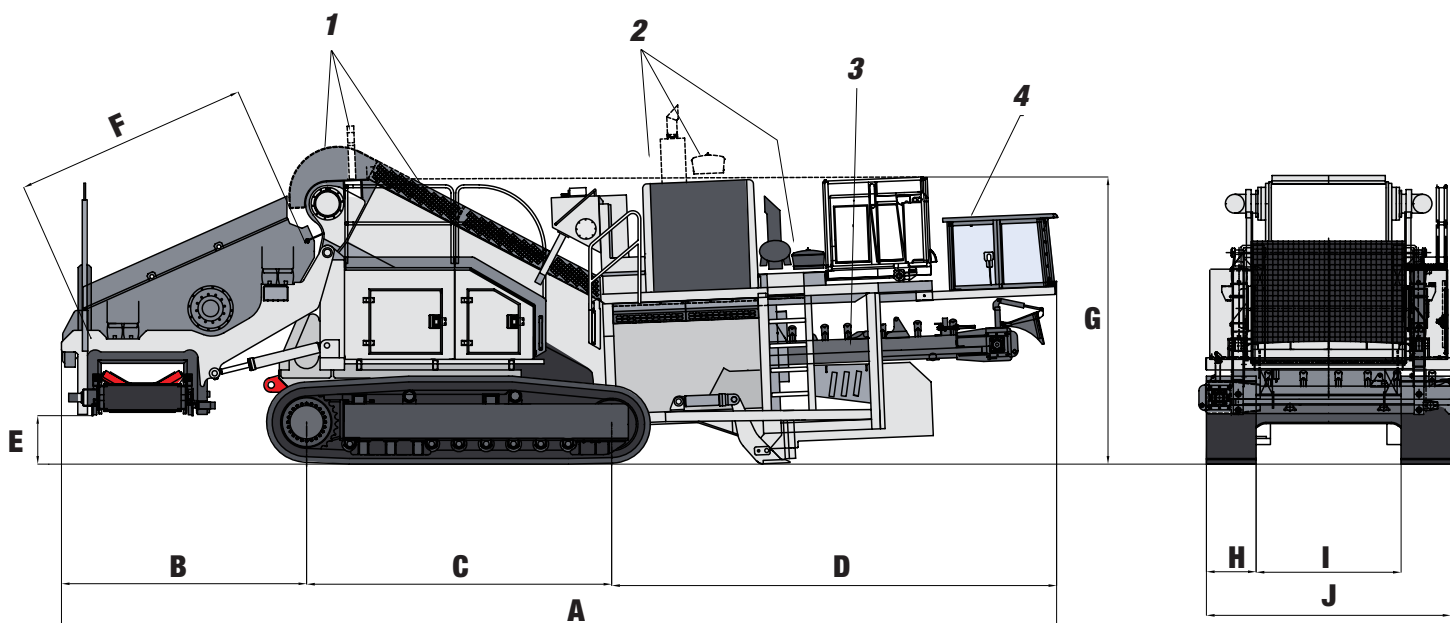


INSULATED CABIN
Insulated cabin with heater and A/C allows for total comfort, even in the harshest environments.



DIMENSIONS

Operating weight 83,500 lb / 37,954 kg



	Feet	Meters
A Overall length (with canopy disassembled for shipping)	40.1 ft	12.22 m
B Length of screen section	9.9 ft	3.01 m
C Length of tracks on ground	12.3 ft	3.75 m
D Length of front section	17.9 ft	5.46 m
E Ground clearance to conveyor	2 ft	60 cm
F Screen length	9.4 ft	2.88 m
G Height (with canopy, railings and muffler disassembled for shipping)	11.5 ft	3.5 m
H Width of tracks	2 ft	61 cm
I Distance between tracks	5.8 ft	1.78 m
J Overall width	9.8 ft	3 m

Shipping disassembly

- 1 Escalator railings are disassembled**
- 2 Muffler and air filter are disassembled and placed between engine and cab**
- 3 Conveyor belt long section is placed inside the front section**
- 4 Cabin is mounted on front supports**

AVAILABLE MODELS



SBP-15
Screen volume: 1.15 m³ / 1.5 yd³



SBP-25
Screen volume: 1.9 m³ / 2.5 yd³



SPD-150
Screen Area: 2.3 m² / 25 ft²



SPD-160
Screen Area: 5.2 m² / 57 ft²



SPD-250
Screen Area: 2.78 m² / 30 ft²



SPD-350
Screen Area: 5.57 m² / 60 ft²



SPD-450
Screen Area: 8.4 m² / 90 ft²

CONTACT INFORMATION

Europe

Phone +49.0.231.963.3073

pipelinece@wwmach.com

Russia, China and the Middle East

Phone +39.349.198.1281 Italy

Phone +7.495.507.4827 Russia

fsupipeline@wwmach.com

India

Phone +91.11.414.59230

pipelineind@wwmach.com

Africa

Intl. Toll Free 800.9675.3948

pipeline@wwmach.com

North America

Phone +1.281.457.4400

pipelinena@wwmach.com

Latin America

Phone +52.81.8.394.0160

pipelinesa@wwmach.com

Brazil

Phone 800.9675.3948

pipelinebr@wwmach.com

Australia

Phone +61.0.400.144.432

pipelinece@wwmach.com



16031 East Freeway

Houston, TX 77530

Phone 281.457.4400 Fax 281.452.5455

U.S. Toll Free 800.383.2666 Intl. Toll Free 800.9675.3948

pipeline@wwmach.com

www.worldwidemachinery.com