



The SP-100B Stealth™ paver is a gravity-fed asphalt machine that features the ultimate in pavement smoothness when used with a Shuttle Buggy® or MTV-1000B material transfer vehicle. The SP-100B is designed to be economical to purchase and maintain with fewer wear parts for economical operation in the future. It comes equipped with a 10' (3.0 m) standard vibratory screed or a hydraulically extendable vibratory screed. The fume extraction system is standard.

SP-100B SPECIFICATIONS

ENGINE:

John Deere 6068D 6-cylinder engine, 125 HP (93 kw) @ 2,200 rpm.

PROPEL SYSTEM:

Variable-displacement hydraulic pumps driving two-speed motors. Paving speed 0-240 fpm (73 m/ min.); travel speed 0-9 mph (15 kph).

ELECTRICAL SYSTEM:

Heavy-duty 24-volt starting system with 12-volt operating system. 90-amp alternator.

SUSPENSION:

Three-point suspension by pivoting front axle provides superior tractive effort. A single front steering axle provides a 6' (1.8 m) turning radius.

AUGERS:

14" (356 mm) x 3/4" (19.1 mm) thick Ni-hard, hydraulically-raisable auger system with tilt capabilities which allow the operator to maintain a parallel position of the auger and screed bottom.

TIRES:

Drive-- two 42.5" x 22" (1,079 mm x 559 mm) solid rubber. Front -- two 36" x 12" (914 mm x 305 mm) solid rubber.

SCREED:

10' (3.0 m) standard vibratory screed equipped with 32" (813 mm) wide, 1/2" (12.7 mm) thick T-1 plate replaceable wearing surface. Power crowning capacity of 3.5% positive to 0.1% negative.

FUME EXTRACTION SYSTEM:

Two blowers; one exhaust on left side of machine, other provides air barrier at top of hopper.

SERVICE CAPACITY:

Fuel.....75 gal (284 l)
Hydraulic system.....61 gal (231 l)
Hopper.....12 tons (10.9 MT)

SHIPPING WEIGHT**30,010 lbs (13,612 kg)

** Weight w/standard screed; will vary with different screed options

OPTIONS:

SCREED EXTENSIONS:

Standard screed may be extended to 20' (6.1 m) with no external support using 6" (152 mm), 12" (305 mm), 24" (610 mm) and 36" (914 mm) extensions. A 24" (610 mm) extension is available with crowning.

TUNNEL AND AUGER EXTENSIONS:

Tunnel and Ni-hard auger extensions are available to optimize material feed across the screed when using screed extensions.

HYDRAULIC STRIKE-OFF EXTENSIONS:

Left- and right-hand hydraulic strike-offs permit rapid changes in paving widths up to 4' (1.2 m) on either side of the 10' (3.0 m) standard screed while paving. Either side may be articulated from 6.6% to negative 3.3% for crown or wedge courses by use of electric Jack Screws or hydraulically.

AUTOMATIC GRADE CONTROL:

An electric/hydraulic system that automatically controls the elevation of the mat being placed on one side of the machine with respect to a reference surface such as an adjacent mat or curb. Also available in sets to control mat elevation on both sides of the paver/finisher simultaneously.

AUTOMATIC SLOPE CONTROL:

Slope may be maintained with respect to either the right or left reference grade of the screed.

FEEDER OVERRIDE:

Allows operation of the augers independent of the feeder control system. Virtually eliminates much of the shoveling and raking required at the end of a pass by allowing the augers to continue to distribute the mix in front of the screed while the feeder conveyors are not running.

AVERAGING SKI:

30' (9.1 m) and 40' (12.2 m) skis provide improved leveling of existing surfaces by providing an average reference grade for the automatic grade control.

CUTOFF SHOES:

One- and two-foot (0.3 m and 0.6 m) cutoff shoes are available for reduced-width paving.

**PROPANE BURNERS
HYDRAULIC GENERATOR
SONIC GRADE AND SLOPE CONTROLS**



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(weight will vary with different screed options)

