P385B

COMMERCIAL PAVER









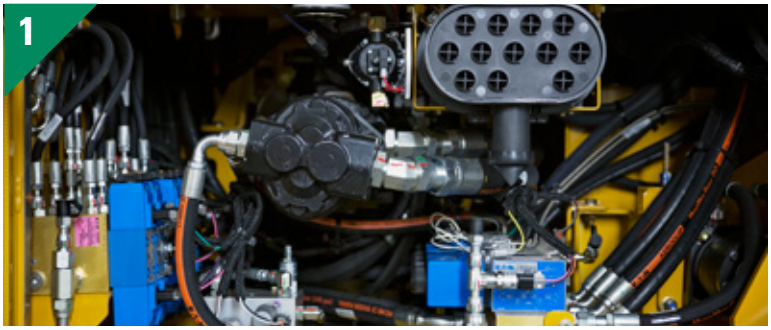
ENGINEERED INNOVATION

WEILER

Engineered for the demands of the commercial paving market.

Engineered and built to produce in a wide range of applications, the Weiler P385B incorporates proven designs with new innovations to provide performance, reliability and outstanding mat quality for the commercial paving market. With a best-in-class undercarriage, 8’ (2.44 m) to 15’ 8” (4.80 m) paving range, highway class conveyor chains and bearings and Caterpillar dealer inventoried parts, service and support, the P385B delivers on parking lots, driveways, city streets and more.





1 PRESSURE COMPENSATED PUMP.

The parallel circuit of the pump allows for activation of multiple functions at the same time with no loss of speed or power and allows for improved integration of automatic grade and slope control systems.



2 INDEPENDENT CONTROL.

Independent control of the left and right side conveyors and augers provides versatility for the contractor. Utilized with optional inner and outer cut-off shoes enables paving from 0 to 8' (2.4 m).



3 CUT-OFF DOOR VERSATILITY.

Two independent cut-off doors prevent spillage and reduce clean-up between passes. Eye-level indicators, when standing on the screed, signals the operator when the doors are open or closed. The doors are programmable to close automatically when in reverse.



4 9-TON HOPPER.

The 9-ton (8.1 mt) hopper promotes efficient operation while the rounded design reduces cold material buildup and simplifies clean-out. Independent control of each hopper wing allows for paving next to buildings and obstacles.



5 PUSH ROLLER OPTIONS.

The standard oscillating push roller pivots to manage trucks in tight spaces and offers six positions to match your trucking fleet. The optional hydraulic push roller features 8" (203 mm) of adjustment. The narrow, 23" (584 mm) width of the push roller and low front apron height of 19" (482 mm) allow for improved truck engagement with the paver.



Proven Screed

The Weiler designed 3,000 lb (1,360 kg) screed delivers outstanding mat quality and a wide paving range. The 8' (2.44 m) front mount screed is hydraulically extendable to 15' 8" (4.80 m). Independent control of the feed system, along with cut-off doors and cut-off shoes, allow for variable width paving from 0 to 8' (2.4 m). Hydraulic tow point adjustment provides quick and accurate height adjustments and integrates with automatic grade and slope systems. Thermostatically controlled, electric screed heat, easy adjustments, folding rear walkway and optional walkway extensions provide optimal working conditions for the crew.

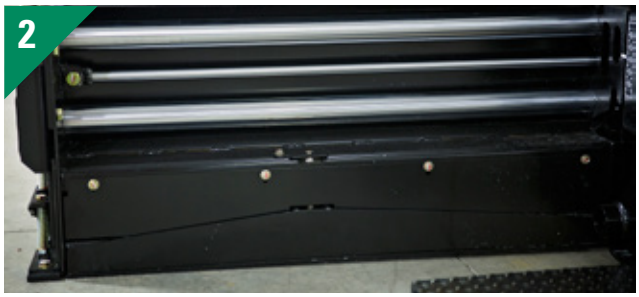
1 PAVING RANGE.

Hydraulically extendable standard paving range of 8′ to 15′ 8″ (2.44 m - 4.80 m). With the cut-off doors closed, paving range from 0 to 3′ 10″ (0 - 1.1 m). Optional cut-off shoes allow paving less than 8′ (2.4 m) within the main screed.



2 THERMOSTATICALLY CONTROLLED.

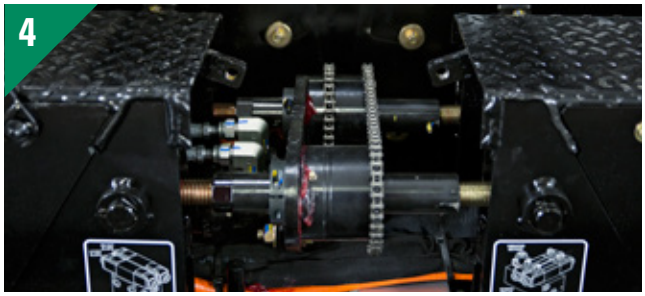
Thermostatically controlled, electric heated screed plates are powered by a tractor-mounted 12 kW generator. Four heating elements ensure consistent temperature across the screed. Screed heat is programmable and controls heating elements to maintain temperature.



3 INTEGRATED SONIC SENSORS.

Standard sonic sensors are integrated into the end gates to ensure proper alignment for controlling head of material. Hard-wired cables are protected from crew members, tools and obstacles.





4 MULTIPLE ADJUSTMENTS.

Operator friendly adjustment handles along with crown, extension height, extension slope and extension angle of attack adjustments create optimal mat quality. Power crown, slope and extension height options available.



5 HEATED END GATES.

The optional heated end gates feature a heating element for improved joint matching and reduced hand work for crew members.



6 GRADE AND SLOPE CONTROLS.

The P385B is pre-wired to work with multiple grade and slope control systems. Sensor and control panel mounts provide clean working environment.

Durable Components

Built to handle the heavy workload of commercial paving. From sun up to sun down, from one job site to the next, the P385B features durable components designed to last. From reliable Cat® power to highway class components and the largest undercarriage in its class, the P385B delivers outstanding performance day in and day out.

1

CAT 3.4B Tier 4 ENGINE.

The Cat 3.4B Tier 4 engine with 100 hp (74 kW) provides clean, quiet power. A passive regeneration cycle ensures no down time for regeneration. 34 gal (129 L) fuel capacity allows for a full day of paving without re-fueling.

2

HIGHWAY CLASS CHAINS.

Highway class chains and conveyor and auger bearings provide long-term reliability. Remote grease lines located on the front of the counter weight provide easy daily maintenance.

3

RE-BUILDABLE MACHINE.

The P385B is designed to be re-buildable with replaceable floor plates in the hopper to maximize paver life and lower operating costs. Performance poly track pads are individually replaceable if damaged.

4

LARGEST UNDERCARRIAGE.

Best-in-class 90" (2286 mm) track length with 68" (1727 mm) of ground contact and 140 mm track chain pitch provides smooth ride and excellent flotation. Automatic track tensioning ensures performance and maximizes component life.

5

COOLING PACKAGE.

Largest-in-class, hydraulically-driven, thermostatically controlled cooling package directs air in from the sides and is exhausted out and up through the hood, away from the operators.

6

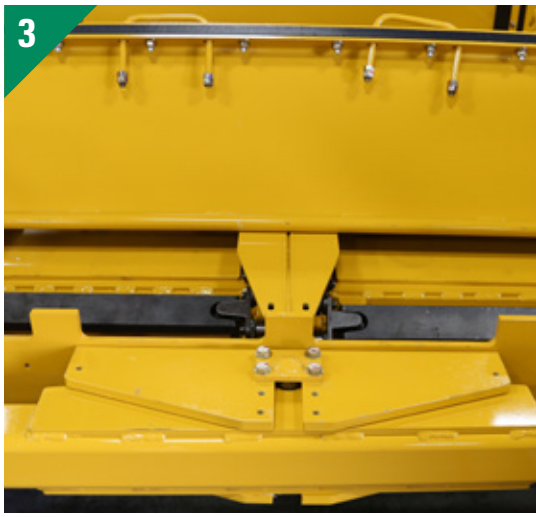
HYDRAULIC GENERATOR.

Hydraulically-driven generator runs with the engine at lower rpm to heat the screed. Generator is only turning when it needs to for increased life and less fuel consumption. Generator is located in a clean, protected environment, easily accessible from the right side of the machine.


WEILER


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4


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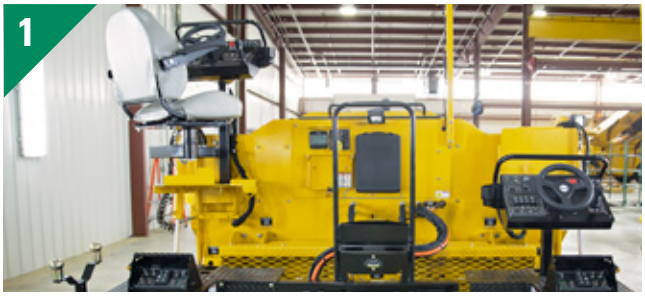
Visibility and Control

Good visibility and comfort enable effective communication that leads to smooth truck exchanges and steady material flow throughout the day. The standard operating environment includes two consoles and a single seat. The consoles can be positioned in three different configurations to meet crew requirements. Three-speed gearbox and multiple engine rpm settings, with auto de-idle, allow the crew to move around the jobsite efficiently with reduced engine noise. The folding walkway allows for a smaller starting pad in tight spaces.



1 THREE OPERATING POSITIONS.

Three different operating positions meet crew requirements. Top position provides good visibility into the hopper, mid-level enables clear views of the auger chamber and screed while screed-level allows complete control from the screed.



2 INTELLIGENT STEERING.

Weiler's intelligent steering controls the responsiveness of the wheel based on ground speed providing better control at transport speed and in tight spaces. The magnetic resistance wheel has adjustable settings for operator comfort.



3 POP-UP CONTROL PANELS.

Optional, screed-mounted control panels are located on each side of the screed and provide operators with complete control of all paving functions including tow point, cut-off doors, head of material and dump hopper.





4 DUAL OPERATING STATIONS.

The dual operating control stations are identical for maximum efficiency. Stations come standard with steering wheels with propel levers option available. Paving functions are active on both panels at all times. Steering and propel control functions are interchangeable with the push of a button.



5 PAUSE FEATURE.

Pause mode stops the paver without having to move the propel lever, allowing for consistent paving speed throughout the job. Feeder system can be set to remain on, or turn off when paused, based on operator preference.



6 HAND HELD REMOTE PENDANTS.

Optional remote pendants with magnetic mount include adjustments for tow-point height, extension width and auger override, enabling the operator to control the screed from ground level.







Fast Service

Large compartments and easy to access components simplify maintenance and service requirements. Caterpillar dealer inventoried replacement parts and Weiler factory trained technicians reduce down time for increased productivity.

1

REMOTE GREASE FITTINGS.

Remote grease lines are grouped and located in easy-to-reach locations for quick work of daily grease requirements.

2

ENGINE ACCESS.

Five large doors provide exceptional access to the engine and hydraulic components. All filters are located behind a single door for simplified servicing.

3

ELECTRONIC CONTROLLER.

The electronic controller provides machine diagnostics and machine calibration. Mounted in the center of the machine allows visibility for all crew members.

4

SPRAY DOWN SYSTEM.

Toggle switches, located on each side of the machine, engage the spray down pump on an adjustable timer system. A 25' (7.6 m) hose reel and 10' (3 m) coiled hose provide complete machine coverage from the separate 10 gal (37 L) spray down tank.

5

ELECTRICAL SYSTEM.

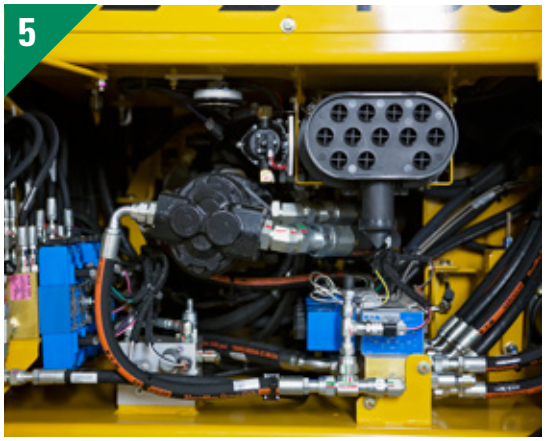
Braided harnesses and sealed connections offer optimal reliability. Color-coded and numbered wires, along with the 12V system with automotive fuses, simplify service. CANbus communication features reduced wires for increased reliability.

6

CAT DEALER SUPPORT.

Weiler equipment is sold and serviced exclusively at Caterpillar dealers. In-stock replacement parts and factory trained technicians keep your machine up and running with limited machine down time.







SPECS

WEIGHT	19,500 lb	8845 kg
LENGTH	14' 5"	4393 mm
WIDTH	101"	2565 mm
HEIGHT	76"	1930 mm
TRUCK CLEARANCE	19"	482 mm
AUGER DIAMETER	12"	305 mm
AUGER SPEED	150 rpm	
ENGINE	Cat® C3.4B Tier 4	
FUEL TANK CAPACITY	34 gal	128 L
HYDRAULIC TANK CAPACITY	34 gal	128 L
DEF TANK CAPACITY	5 gal	18 L
PAVING SPEED	150 fpm	45 mpm
TRANSPORT SPEED	350 fpm	106 mpm
SCREED WEIGHT	3,000 lb	1360 kg
MAIN PLATE WIDTH	16.5"	419 mm
EXTENSION PLATE WIDTH	9"	228 mm
VIBRATION	2 x 2500 vpm	

OPTIONAL EQUIPMENT

Truck Hitch Group

Hydraulically Extendable Push Rollers

Additional Operator Seat

Walk Way Extension

Propel Levers Control

LED Strobe Light

Work Lights

Premium LED Work Lights

DC Blade Lights

Screed Mounted Control Panels

Hand Held Remote Group

TOPCON P-32 Grade and Slope Controls

MOBA-MATIC II Grade and Slope Controls

Heated End Gates

Electric Screed Extension Height Adjustment

Power Hydraulic Slope

Hydraulic Power Crown

Cut-Off Shoe Group

Berm Attachment – 12", 18" and 24"

Hydraulic Integrated Berm



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