

# P385A

Asphalt Paver



#### Cat® C3.4B Tier IVi Engine with ACERT™ Technology

|             |        |         |
|-------------|--------|---------|
| Gross Power | 100 hp | 74.5 kW |
|-------------|--------|---------|

#### Operating Weight

|           |         |
|-----------|---------|
| 18,000 lb | 8165 kg |
|-----------|---------|

#### Paving Ranges (maximum)

|                          |             |                 |
|--------------------------|-------------|-----------------|
| Standard                 | 8' - 15' 8" | 2.44 m - 4.80 m |
| With Cut-Off Door Closed | 0 - 3' 10"  | 0 - 1.1 m       |

# Versatile P385A Asphalt Paver

Highway-class productivity in a small, maneuverable package.

The work-anywhere, pave-anything P385A delivers outstanding profit-producing performance in a wide range of applications.

The second generation commercial class paver from Weiler is built on proven designs and features:

- Pressure-compensated hydraulic pump for increased hydraulic efficiencies
- Raised cut-off doors with 127 mm (5") ground clearance
- Standard conveyor paddle sensor for optimal material delivery management
- Variable speed hydraulic fan to reduce noise and fuel consumption
- Hydraulic-driven generator operates at low engine idle for increased generator life and lower fuel consumption
- Lowered front apron to accept pintle hitches

## SCREED VERSATILITY

- Hydraulically extendable paving range of 2.44 m - 4.80 m (8' - 15' 8")
- Cutoff doors provide a paving range of 0 - 1.1 m (0 - 3' 10")
- Rigid electric screed, excellent stability
- Optional remote for tow-point, extender width, and feeder system override
- Foldable rear walkway with optional sliding extensions optimize visibility
- Grade and Slope Control option for automatic height control
- Extender height adjusters match main screed height
- Angle-of-attack adjusters on main screed and extensions

## UNMATCHED PRODUCTIVITY

- Compact size and balanced weight of 8165 kg (18,000 lb) facilitates easy transport with other job site equipment
- Independent control of the left and right side of the feeder system enables variable-width paving
- Pause mode maintains settings for easy restarts
- 6-position adjustable push-roller easily adapts to trucking fleets
- 9-ton hopper capacity is best in class





## EXCEPTIONAL VISIBILITY AND CONTROL

- Three different operating positions—top, mid-level and screed—optimize visibility and crew requirements
- Individual cut-off doors prevent spillage and limit cleanup; they can be set to automatically close when reversing direction
- Electronic controller keeps operator informed of machine operating conditions

## EXCELLENT SERVICEABILITY

- Cat® Dealer sales, service and support
- Electronic controller provides diagnostic capability
- Replaceable hopper floor plates maximize paver life
- Manual overrides on hydraulics ensure jobs are completed
- Visual indicators for routine service checks
- Large access doors simplify maintenance

## DURABLE UNDERCARRIAGE

- Track length of 2.3 m (90") is the best in class
- 107-m/min (350 fpm) travel speed for quick mobility around the job site
- 6 track rollers per side ensure smooth operation
- 355 mm (14") track pads deliver traction, stability and long-life performance
- Automatic track tensioning ensures performance while maximizing component life
- "Best-in-Class" chain pitch of 140 mm (5.5") delivers maximum track life

# Powerful Cat® C3.4B Engine

Haul trucks and inclines are no match.



The hydraulic-driven 10kW generator operates at low engine idle increasing generator life and lowering fuel consumption. Generator is easily accessible from the right side service door.

## QUIET POWER, LOWER EMISSIONS

The Cat C3.4B engine with ACERT™ Technology is a turbocharged, four-cylinder, diesel that provides gross power of 100 hp (74.5 kW) and meets U.S. EPA Tier IV interim emission standards. Quiet power and lower emissions ensure minimal job site disturbance when paving in residential areas or retail, commercial and institutional developments.

## CAT C3.4B ENGINE HIGHLIGHTS

- Single-side service access to engine oil filter and fuel filters
- Fuel consumption optimized to match operating cycles
- Optimal oil change intervals of 500 hours
- Wall flow DPF allows operation without loss of productive time, performance or power during a continuous regeneration
- Minimum 3000 hour DPF ash service intervals



# Durable Track Undercarriage

Large footprint delivers optimal traction.



**"Best-in-Class" Track  
Length 2.29 m (90")**

## UNDERCARRIAGE FEATURES

Quick mobility around the job site combined with low speed precision near obstacles maximizes performance and increases efficiency. The large ground contact area optimizes traction when pushing trucks and working on inclines.

## THREE-SPEED HYDROSTATIC DRIVE

- Three-speed hydrostatic drive delivers a travel speed of 107 m/min (350 fpm) for quick transport to the next starting position
- Automatic track tensioning ensures performance while maximizing component life
- Propel override switches for the hydraulic system ensure paver mobility

## STEEL TRACK UNDERCARRIAGE

- "Best-in-Class" 2.29 m (90") track length with 1.72 m (68") of ground contact provides smooth ride and excellent flotation on all types of base materials
- The large 356 mm (14") enhanced-performance track pads ensure long-term performance and easy replacement
- Six track rollers per side deliver smooth operation and minimize wear
- Track chains are designed with a 140 mm (5.51") pitch that reduces track chain wear

# Operating Environment

Multiple operating positions to suit your crew.



## OPTIMAL VISIBILITY AND COMFORT

**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 locations around the tractor and screed.**

## FRIENDLY WORKING ENVIRONMENT

- Electric screed heat eliminates propane fumes and promotes cleaner working conditions for the crew
- Low-profile exhaust promotes good forward visibility and lowers sound levels
- Oversized cooling system directs air away from the operator

## CHOICE OF OPERATING POSITIONS

- Three different operating positions maximize crew requirements
- Top position provides good visibility into the hopper and optimizes communication with the truck driver
- The mid-level position enables clear views to the auger chamber and screed
- The screed-level position enables a single operator to control paver and screed functions from the screed walkway or ground level
- Tools are not required to move stations

# Complete Control

Quick setup enables the crew to optimize performance.



## INTUITIVE CONTROLS

- The dual operating stations offer grouped controls for mix delivery and speed control, maximizing operator efficiency
- The consoles maintain a similar layout that enables the operator to quickly move from side to side when working in close proximity to curbs, pillars and other obstacles
- Controls are automated, well labeled, and grouped by function, making operation more efficient
- LCD display keeps operator informed of machine conditions and delivers diagnostic information for service personnel
- Unique "Pause Mode" interrupts mix delivery and enables return to the same settings when resuming operation
- Intelligent steering wheel enables precise control when working next to obstacles
- Dual joystick controls also available



**Electronic controller provides instant feedback on system hydraulic pressures, ground speed, engine operation, as well as system-calibration and troubleshooting capabilities.**

# Smooth Delivery

High-capacity delivery system optimizes material flow.

## RETURN ON INVESTMENT

- “Best-in-Class” hopper capacity of 3.8 m<sup>3</sup> (135 ft<sup>3</sup>) promotes efficient operation
- Replaceable floor plates with bolt-on design maximize paver life and lower lifetime operating costs
- Heavy-duty chains and flight bars provide long-term reliability
- Narrow chain guards minimize drag for smooth mix flow
- Rounded hopper design simplifies clean-out
- Ni-hard augers with a 300 mm (12”) diameter provide smooth mix delivery with 120 RPM



- 1 Replaceable Floor Plates
- 2 Narrow Chain Guards
- 3 Heavy-duty Flight Bars and Chains
- 4 Rounded Hopper Design
- 5 Front Engine Access



The push roller with center pivot offers six positions that can be tailored to match your trucking fleet.

Low front apron accepts pintle hitches.



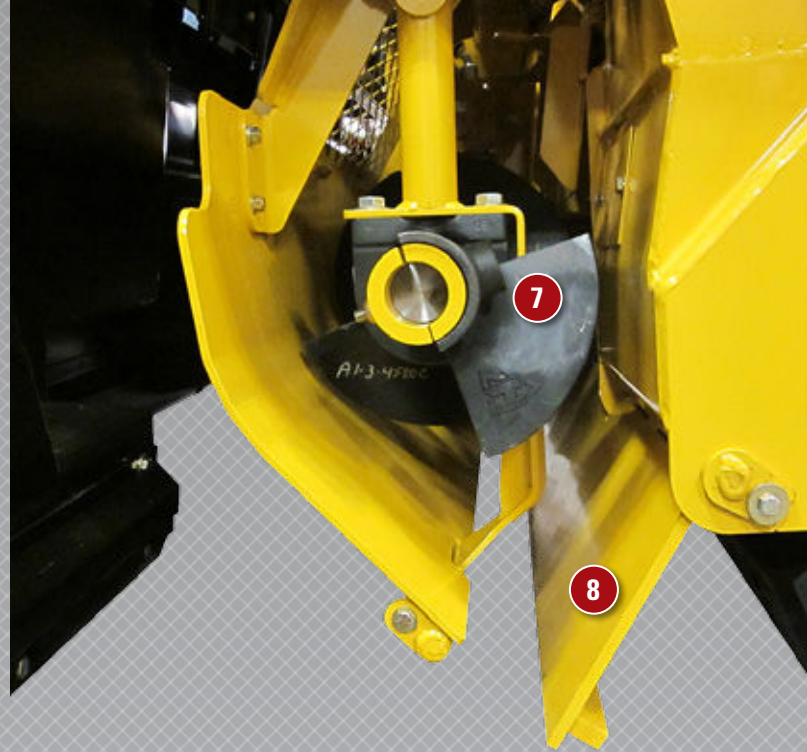
Hydraulic push roller option features 20.3 cm (8") of adjustment

# Precise Control

Automated systems optimize efficiency.

## MINIMIZE CLEANUP AND MAXIMIZE PAVING CAPABILITY

- Independent control of each side of the delivery system enables variable-width paving
- Cut-off doors enable a narrow paving range of 0 - 1.1 m (0 - 3' 10")
- Cut-off doors limit spillage and automatically close when reversing travel direction
- Independent hopper control for paving close to buildings and obstacles



- 7 Independent Mix Delivery
- 8 Independent Cut-off Doors with 127 mm (5") clearance when open
- 9 Remote Auger Bearing Lubrication



# Vibratory Screed Features

Multiple adjustments and wide paving range maximize performance.

## ELECTRIC SCREED HEAT

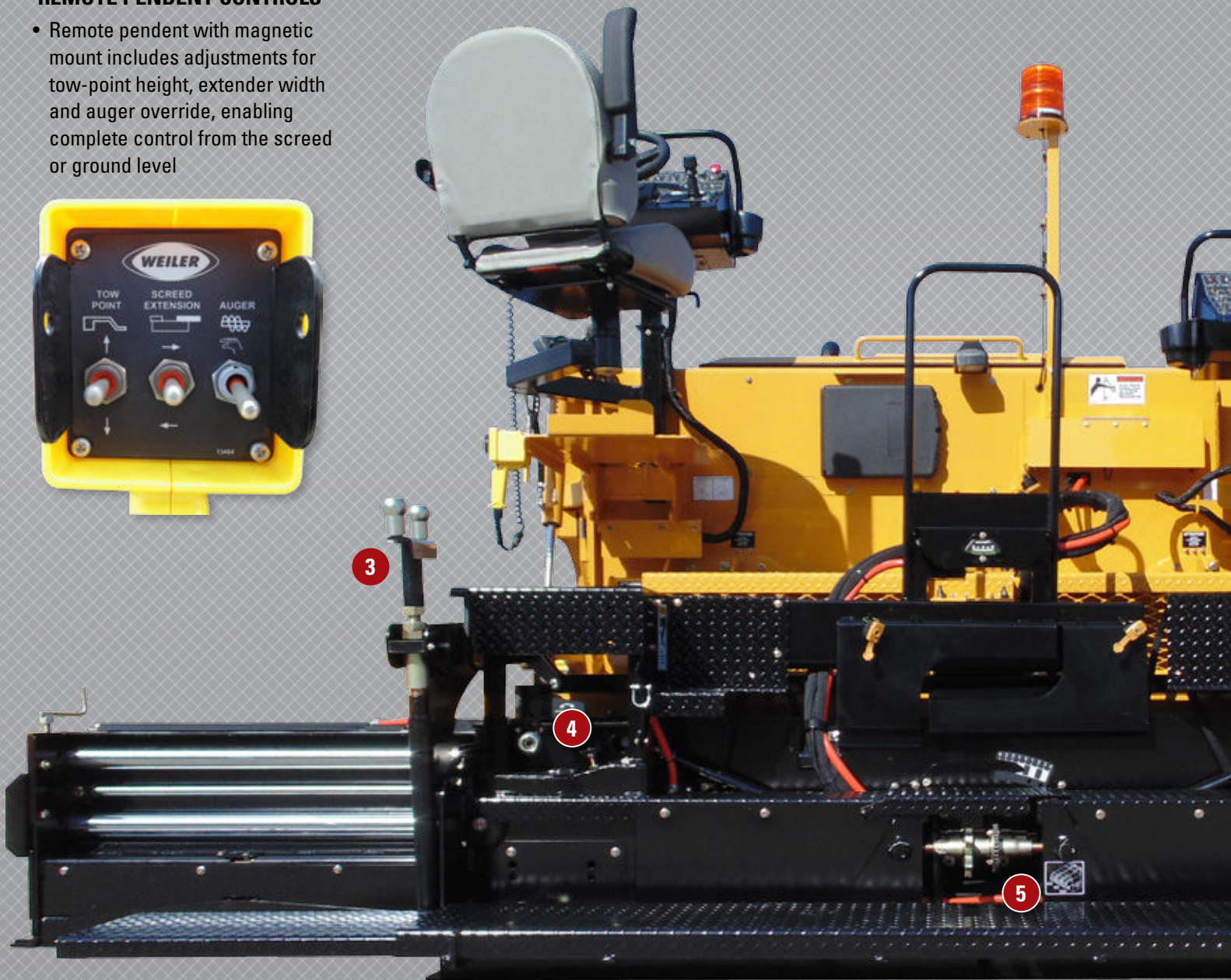
- Electrically heated screed plates powered by a tractor-mounted 10 kW generator produce even heat
- Four heating elements ensure consistent temperature across the screed plates, two on main screed, one on each extender
- 8 mm-thick (3/8") screed plates deliver long life and reduce lifetime operating costs

## REMOTE PENDENT CONTROLS

- Remote pendent with magnetic mount includes adjustments for tow-point height, extender width and auger override, enabling complete control from the screed or ground level

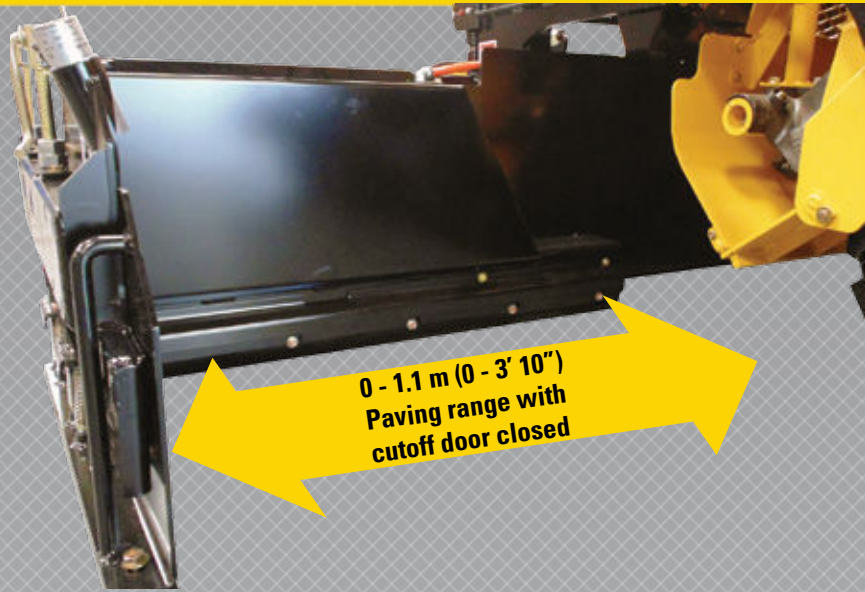


- 1 Sonic Feed Sensors (Standard)
- 2 Angle of Attack (Extender)
- 3 Angle of Attack (Main Screed)
- 4 Extender Height Adjustment
- 5 Crown Adjustment (Manual)



## OPERATOR FRIENDLY FEATURES

- Grade and slope controls optimize mat quality
- Folding rear walkway enables close positioning to curbs, buildings and other obstacles in order to minimize handwork
- Optional walkway extensions easily slide out for improved views around the extenders
- Sonic feed sensors deliver a consistent head of material, leading to quality mats
- Oversized height adjustment screws optimize performance and minimize operator fatigue
- Wash down system includes 38 L (10 gal) tank and two hoses/spray nozzles, one for each side of the machine

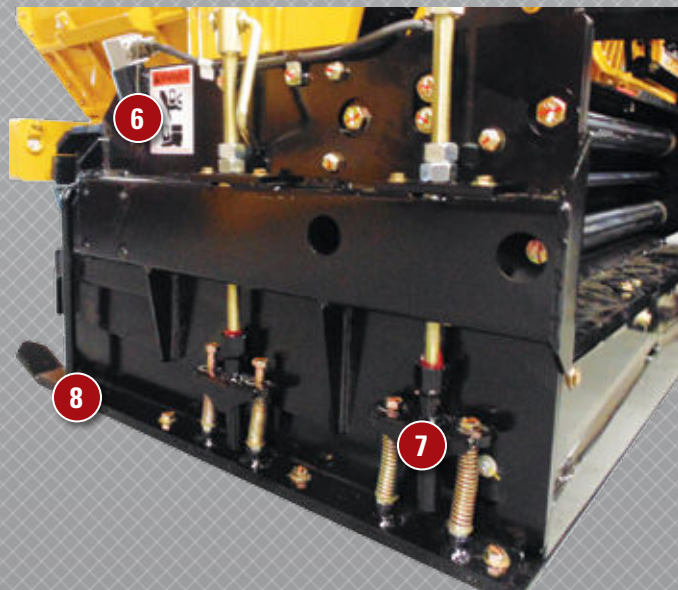
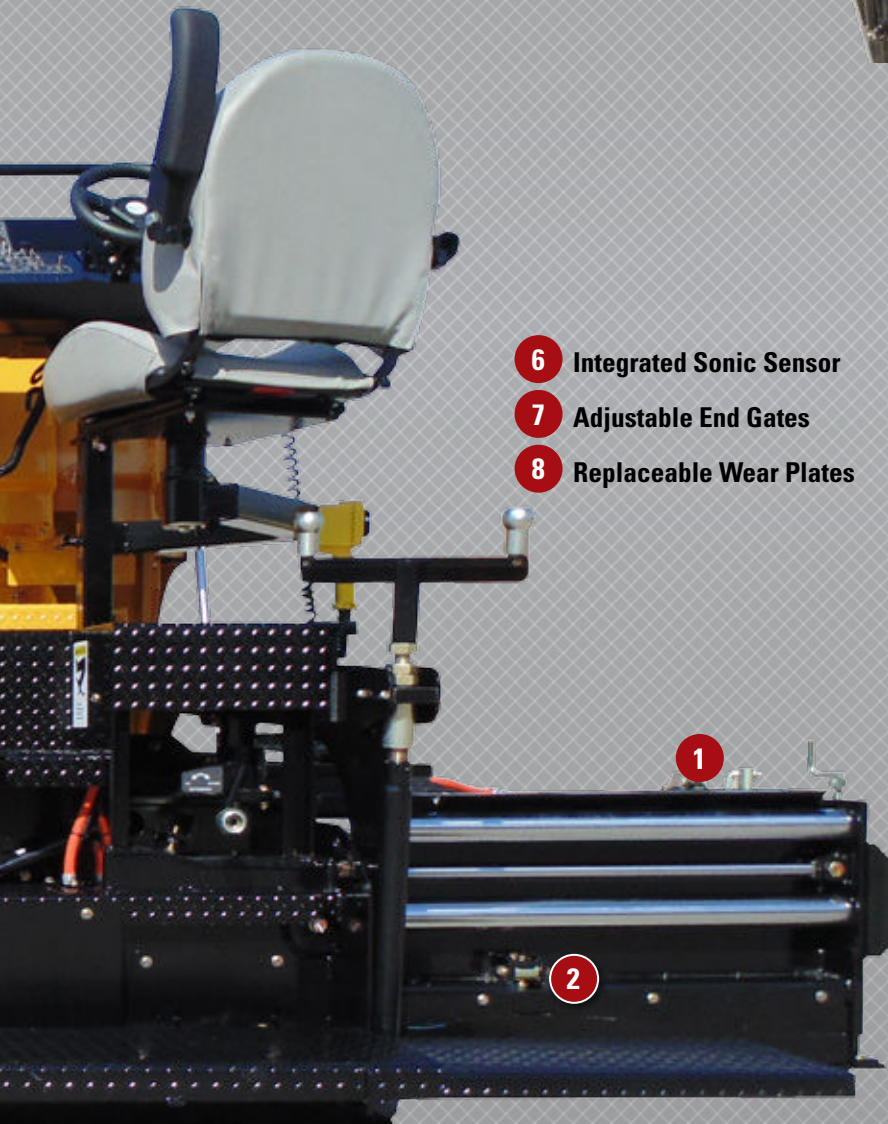


## PAVING RANGE

- Standard paving range, 2.44 m - 4.80 m (8' - 15' 8")
- With cut-off doors closed 0 - 1.1 m (0 - 3' 10")

## APPLICATIONS

- City streets, parking lots, cart paths, walking and biking trails, trenches, patch work, etc.



# Fast Service

Large compartments and easy access simplify service requirements.

## LOCAL SALES, SERVICE AND SUPPORT

- Weiler products are sold and serviced exclusively through Cat® Dealers around the globe
- Large service access doors, dealer-inventoried replacement parts, remote grease lines and manual overrides on pumps and valves are just a few of the features designed for fast, easy servicing
- Customer input has always been the standard for design and engineering which leads to enhanced performance and satisfied end-users

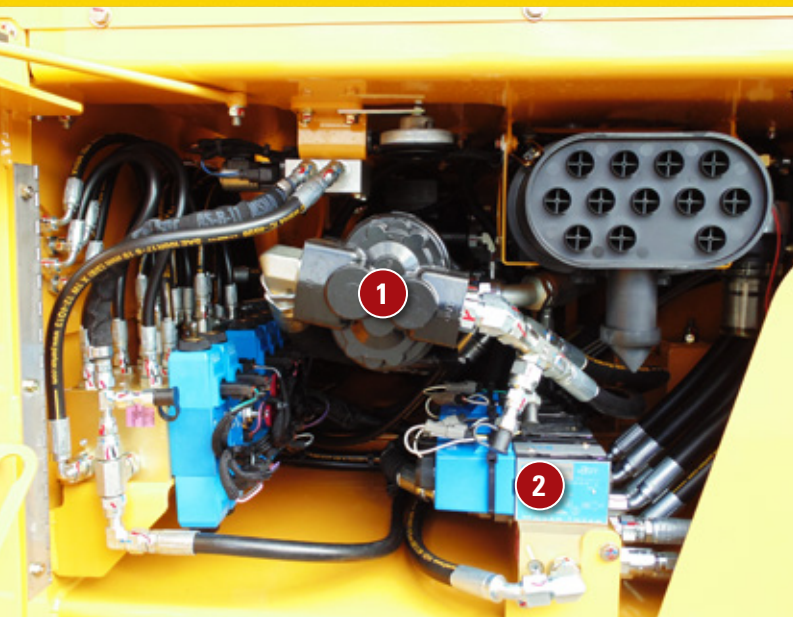
## RELIABLE ELECTRICAL SYSTEM

- Electrical system utilizes braided harnesses and sealed connections for optimal reliability
- Color-coded electrical wires with number identifiers make troubleshooting easier
- 12-volt electrical system with automotive-type fuses simplifies service requirements

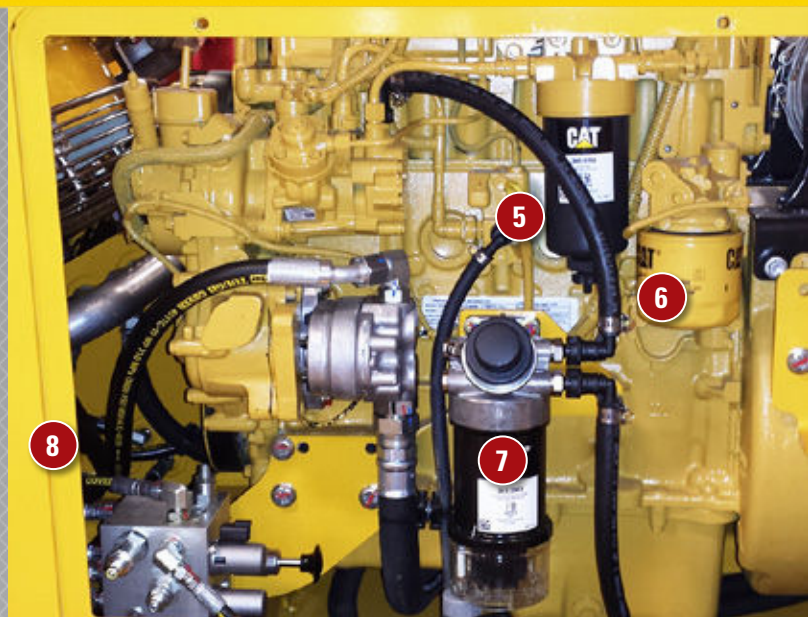
## DURABLE COMPONENTS, EASY ACCESS

- Replaceable floor plates in hopper maximize life of the paver
- Remote grease fittings are grouped for the front and rear conveyor bearings
- Replaceable bushings in the tow-arms and extender tubes enable easy replacement for optimal screed performance
- Electronic controller provides machine diagnostics for easy component calibration
- Large access doors simplify maintenance



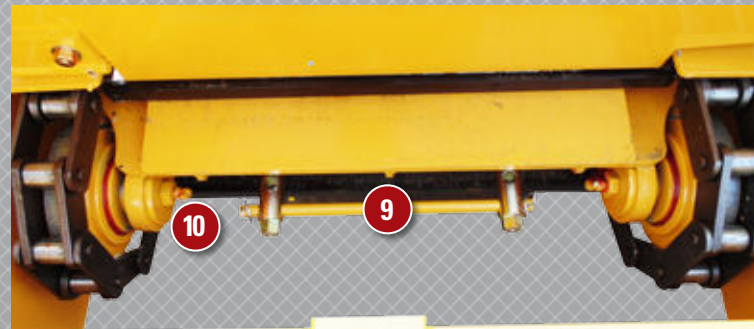


**Left-Side Service Access for electrical and hydraulic systems.**



**Front engine access for all filters.**

**Easily accessible grease fittings for the conveyor bearings and tool-less adjustment of conveyor idlers to tighten chain simplify daily service.**



- 1** Gear Pump Assembly
- 2** Hydraulic Valves
- 3** Dual-Side Wands with Single 7.6 m (25 ft) Retractable Hose Reel
- 4** Centralized Screed Hose and Wire Routing
- 5** Fuel Filter
- 6** Oil Filter
- 7** Fuel/Water Separator
- 8** Hydraulic Filter
- 9** Conveyor Idler Adjustment
- 10** Accessible Grease Fittings
- 11** Lockable Vandalism Cover



**Lockable vandalism covers and engine access doors provide security.**

# Specifications

## P385A Asphalt Paver

| DIMENSIONS & SPECS           | P385A                        |
|------------------------------|------------------------------|
| Weight                       | 18,000 lb (8165 kg)          |
| Height                       | 76" (1930 mm)                |
| Length                       | 13' (3962 mm)                |
| Transport Width              | 102" (2591 mm)               |
| Track Length                 | 90" (2286 mm)                |
| Engine                       | Cat C3.4B Tier Ivi           |
| Horsepower                   | 100 hp (74.5 kW)             |
| Paving Speed                 | 150 fpm (46 mpm)             |
| Travel Speed                 | 350 fpm (107 mpm)            |
| Fuel Tank Capacity           | 32 gal (121 L)               |
| Hydraulic Tank Capacity      | 35 gal (132 L)               |
| Wash Down Tack Capacity      | 10 gal (38 L)                |
| Max. Paving Range            | 8' - 15'8" (2.44 m - 4.78 m) |
| Paving Range w/ Cut-Off Door | 0 - 3'10" (0 - 1.1 m)        |
| Screed Weight                | 3,000 lb (1361 kg)           |
| Augers                       | 12" (30 cm) Ni-Hard          |
| Screed Heat                  | Electric                     |
| Vibration                    | 2 x 2,500 vpm                |
| Loading Ramp Angle           | 15°                          |

### STANDARD EQUIPMENT

- Adjustable Push Roller
- Dual Operating Consoles with Single Seat
- Electric Screed Heat
- Foldable Screed Walkway
- Hydrostatic Transmission (Three-Speed)
- Individual Cut-Off Doors
- Replaceable Hopper Floor Plates
- Electronic Controller
- Sonic Feed Sensors
- Wash Down System with Dual Spray Nozzles
- 10 kW Generator

### OPTIONAL EQUIPMENT

- Truck Hitch
- Hydraulic Adjustable Push Roller
- Additional Operator's Seat
- Screed Walkway Extensions
- Joystick Steering Controls
- LED Strobe Light
- Lighting Group
- LED Lighting Group
- Hand Held Remote
- Grade and Slope Automation
- Heated End Gates
- Electric Screed Extension Height
- Power Hydraulic Slope
- Cut-Off Shoes
- 12", 18" 24" Berm Attachment

# Weiler Paving Solutions

The tools you need for more profitable paving.



REMXING TRANSFER VEHICLES

|                    | E2850                | E1250A               |
|--------------------|----------------------|----------------------|
| Engine             | Cat C9               | Cat C7               |
| Power              | 300 hp (224 kW)      | 250 hp (186 kW)      |
| Weight             | 74,500 lb (33792 kg) | 51,000 lb (23000 kg) |
| Height (Operating) | 16' (4.88 m)         | 11'6" (3.5 m)        |
| Length (Shipping)  | 55'3" (16.8 m)       | 44' (13.4 m)         |



ROAD WIDENERS

|                    | W330                | W430                | W530                 | W730A                |
|--------------------|---------------------|---------------------|----------------------|----------------------|
| Engine             | Cat C2.2            | Cat C3.4            | Cat C4.4             | Cat C6.6             |
| Power              | 49 hp (36 kW)       | 83 hp (62 kW)       | 114 hp (85 kW)       | 174 hp (130 kW)      |
| Weight             | 12,200 lb (5545 kg) | 18,500 lb (8391 kg) | 23,500 lb (10659 kg) | 33,500 lb (15195 kg) |
| Max. Working Width | 6' (1.8 m)          | 8' (2.4 m)          | 10' (3.0 m)          | 14' (4.3 m)          |
| Max. Working Speed | 150 fpm (46 mpm)    | 650 fpm (198 mpm)   | 730 fpm (222 mpm)    | 350 fpm (106 mpm)    |
| Transport Speed    | 8 mph (12.8 km/hr)  | 11 mph (17.7 km/hr) | 16 mph (25.7 km/hr)  | 14 mph (22.5 km/hr)  |



WINDROW ELEVATORS

|        | E550B               | E650B               |
|--------|---------------------|---------------------|
| Engine | Cat C4.4 Tier IVi   | Cat C4.4 Tier IVi   |
| Power  | 115 hp (85 kW)      | 115 hp (85 kW)      |
| Weight | 17,600 lb (7895 kg) | 20,300 lb (9200 kg) |
| Height | 124" (3150 mm)      | 124" (3150 mm)      |
| Length | 230" (5842 mm)      | 230" (5842 mm)      |



ASPHALT PAVER

|                    | P385A                 |
|--------------------|-----------------------|
| Engine             | Cat C3.4B             |
| Power              | 100 hp (74.5 kW)      |
| Weight             | 18,000 lb (8165 kg)   |
| Screed Weight      | 3,000 lb (1361 kg)    |
| Length             | 13' (3962 mm)         |
| Height             | 70" (1778 mm)         |
| Transport Width    | 102" (2591 mm)        |
| Track Length       | 90" (2286 mm)         |
| Paving Range       | 8'-5'8" (2.44-4.78 m) |
| With Cut-Off Doors | 0-3'10" (0-1.1 m)     |

# Customer Support Second to None

Value-added services that can boost your bottom line.

Your paving operation demands more than just quality products. You can count on us, as your Cat Dealer, to provide Weiler expertise and a full range of support services that add value and contribute to your success in many ways including:

- Product and application assistance from certified paving specialists
- Training that elevates your operators to higher levels of proficiency
- Availability of off-the-shelf OE parts that meet precise specifications
- Off-season maintenance and rebuild programs to assure continued reliability and productivity
- S·O·S<sup>SM</sup> Services monitor all key fluids to help you avoid unplanned repairs and costly downtime
- Financing options that are matched to your operating needs and help you maximize the return on your investment



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**SIMPLE OPERATION. PROVEN PERFORMANCE.  
POWERFUL RESULTS.**