

# AP1000E

## Asphalt Paver

*"High Production, Smooth Results"*

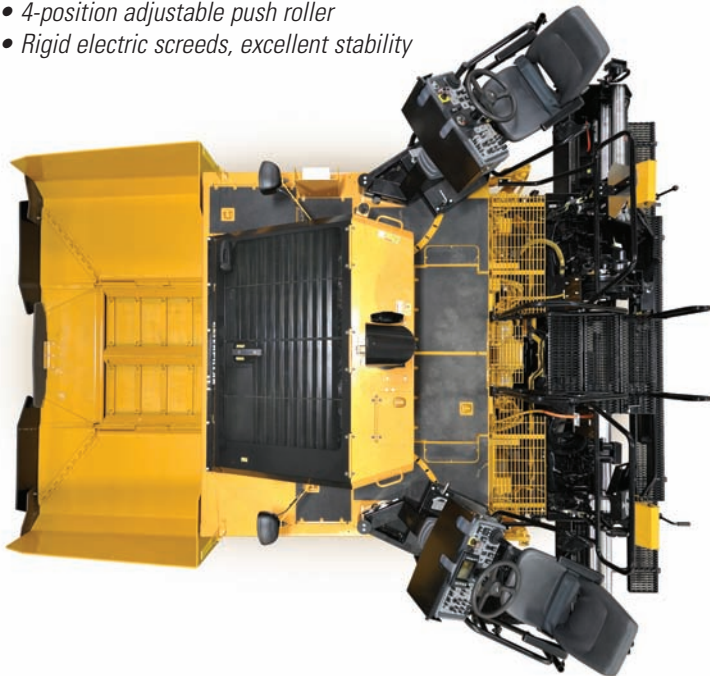


### Leading-Edge Technology

- Cat® C7.1 engine meets Tier 4 Interim/Stage IIIB emissions standards
- Advisor display, visual reference
- Self diagnostics from multiple ECMs displayed through Advisor
- Automatic engine speed control, fuel savings
- ECO-mode (1650 engine rpm) conserves fuel
- Cruise control feature, match paving train
- Screed lock, prevents screed settling
- Power Management, maintains engine speed under load

### Award Winning Smoothness Features

- Independent control of each auger and each conveyor, consistent head of material
- 2 or 4 sensor mix delivery system, automatically adjusts for width changes
- Hydraulic mainframe extensions
- Reversible augers and conveyors
- 4-position adjustable push roller
- Rigid electric screeds, excellent stability



### Cat® Grade and Slope Control

- True Averaging, continuously through ECM
- Factory integrated system, single source supplier
- Single or dual displays
- Single display can control one or both sides of the screed
- Text-based menus, with multiple languages
- Durable enclosure with swivel capability
- Sonic or contacting grade sensors
- Sonic averaging beam; utilizes up to 3 sonic sensors

### Wheel Undercarriage

- Best in class turning radius of 0.5 m (1.5 ft)
- Travel speeds of 0-20 km/hr (0-12 mph)
- Position sensor helps maintain travel speeds when making turns by adjusting the drive speed according to the steering angle of the front wheels, limits wear produces better mat
- Front wheel assist or all-wheel drive options



*Cat Grade and Slope Control*

### Excellent Serviceability

- Advisor display, lists service codes
- Electronic Control Modules monitor system performance and provide self diagnostics
- Manual overrides on hydraulics
- Visual indicators for routine service checks
- Long service intervals, minimize costs



*Advisor Display*



## AP1000E Asphalt Paver Specifications

### Operating Weights\*

Tractor	15 160 kg	33,352 lb
w/AS2302C	18 245 kg	40,223 lb
w/AS3301C	18 427 kg	40,625 lb
w/AS3301C and C6.6 engine	18 660 kg	41,138 lb
w/AS4251C	19 508 kg	43,008 lb
w/AS4251C and C6.6 engine	19 742 kg	43,524 lb
w/AS4252C	18 561 kg	40,920 lb
w/AS452C and C6.6 engine	18 795 kg	41,436 lb

Note: C6.6 engine utilized in Tier 3/Stage IIIA markets.

### Machine Dimensions (operating)

Tractor length with push roller	4.95 m	16' 3"
Overall machine length w/screed		
AS2302C (walkway deployed)	5.46 m	17' 11"
AS3301C	6.61 m	21' 7"
AS4251C	6.52 m	21' 4"
AS4252C	6.63 m	21' 8"
Tractor operating width (hopper lowered)	3.52 m	11' 7"

### Transport Dimensions

Transport height (fumes stack, seat lowered)	2.85 m	9' 4"
Transport width with screed end gates (hopper raised)	3.24 m	10' 8"
Transport width w/o screed end gates (hopper raised)	3.00 m	9' 10"

### Screed Paving Width

AS2302C, maximum range	3.05 m - 6.70 m	10' - 22'
AS3301C, maximum range	3.05 m - 7.38 m	10' - 24' 2"
AS4251C, AS4252C, maximum range	3.05 m - 8.00 m	10' - 26' 4"
Maximum paving depth	305 mm	12"

## Optional Equipment

- All-Wheel Drive
- Auger and Mainframe Extensions
- Auxiliary Power Panel
- Cut-Off Shoe
- Decelerator Pedals
- Ecological Washdown System and Hose Reel
- Feeder Sensor (Mechanical or Sonic)
- Front Wheel Assist
- Fumes Extraction
- Grade and Slope Controls (Cat/Topcon)
- Hard Top Canopy
- Leveling Devices
- Lights (Working or Roding)
- Oscillating Push Roller
- Power Folding Front Apron
- Power Mainframe Extensions
- Product Link
- Screed Extensions
- Tow-point Indicators (Upper)
- Truck Hitch
- Umbrella
- Up-time Kit
- Warning Beacon
- Wide Width Paving Packages

Optional equipment may vary per region, contact your local Cat Dealer for more information.

## The Cat® Advantage - Single Source Provider

	Cat Dealer	Competitive Dealer	Comment
Convenient worldwide dealer locations	✓		More than our 5 largest competitors combined
Engine service	✓		Cat machines feature Cat engines
Machine service	✓	✓	
Service technician trained for paving equipment	✓		Cat technicians trained on Cat machines
24/7/365 parts availability on most service parts	✓		Long lead times for competitive OEM parts
New OEM parts	✓		Competition offers inferior aftermarket parts
Reconditioned OEM parts	✓		Rebuilt to OEM spec by Cat Reman
Available financing options	✓		Available through Cat Financial
Application expertise	✓		Personnel understand the paving business
Machine rental	✓		Keeps your capital expense low
Products with high resale value	✓		Durable Cat machines built to last

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