

# AP500E

## Asphalt Paver

*"Portable Power"*



### Exceptional Visibility and Comfort

- Front-mounted cooling system:
  - directs hot engine air away from crew
  - re-directs asphalt fumes cloud that occurs when truck dumping
- Quiet operation, easy communication
- Ventilation system, cleaner working environment

### Leading-Edge Technology

- Advisor display, visual reference
- Automatic engine speed control, fuel savings
- Cruise control feature, match paving train
- Integrated Cat® Grade and Slope Control
- Screed lock, prevents screed settling
- Power Management, maintains engine speed under load

### Tight Turning, Maneuverable Undercarriage

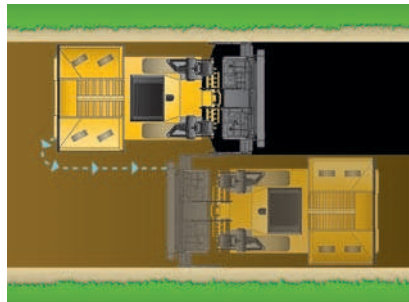
- High travel speeds, quick movement
- Tight turning radius, mobility around obstacles, inside turning radius of 0.75 m (2.5 ft)
- Good flotation
- Front-wheel assist and all-wheel drive options

### Unmatched Versatility

- Independent control of each auger and each conveyor, consistent head of material
- 2 or 4 feed sensor capability (sonic or mechanical)
- Ratio control dials – automatically adjusts for width changes
- Hydraulic mainframe extensions
- Reversible augers and conveyors
- Rigid electric screeds – excellent stability



*Advisor Display*



*0.75 m (2.5 ft)  
Inside Turning Radius*



*Ventilation System*



### Excellent Serviceability

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



## AP500E Asphalt Paver Specifications

### Operating Weights

Tractor	12 590 kg	27,760 lb
with AS2252C	15 290 kg	33,715 lb
with AS3251C	15 520 kg	34,220 lb

### Machine Dimensions (operating)

Tractor length with push roller	4.38 m	(14' 4")
Overall machine length w/screed		
AS2252C (walkway deployed)	5.80 m	(19' 0")
AS3251C	6.11 m	(20' 0")
Tractor operating width (hopper lowered)	3.31 m	(10' 10")

### Transport Dimensions

Transport height (exhaust, seat lowered)	2.82 m	(9' 3")
Transport width with screed end gates (hopper raised)	2.72 m	(8' 11")
Transport width w/o screed end gates (hopper raised)	2.50 m	(8' 2")

### Screed Paving Width\*\*

AS2252C, maximum range	2.50 m - 5.60 m	8' 2" - 18' 5"
AS3251C, standard range	2.44 m - 6.15 m	8' - 20' 2"
Maximum paving depth	305 mm	12"

## Optional Equipment

- 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 or All-Wheel Drive
- Fumes Extraction
- Grade and Slope Controls (Cat/Topcon)
- Leveling Devices
- Lights (Working or Rooding)
- 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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For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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See your Cat dealer for available options.

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