

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

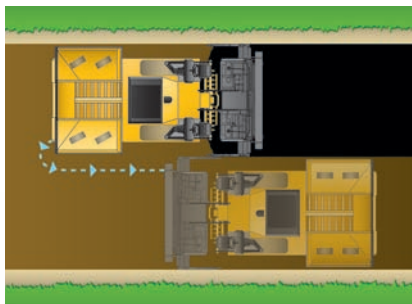
- High travel speeds, quick movement
- Tight turning radius, mobility around obstacles, inside turning radius of 0.75 m (2.5 ft)
- Good flotation
- Front-wheel assist and all-wheel drive options

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

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Featured machines in photos may include additional equipment.
See your Cat dealer for available options.

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