

AP600D Paver



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, true averaging
- Screed lock, prevents screed settling
- Power Management, maintains engine speed under load



ADVISOR DISPLAY

UNMATCHED VERSATILITY

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



INDEPENDENT MIX DELIVERY

TIGHT TURNING, WHEEL UNDERCARRIAGE

- High travel speeds, good flotation, quick movement
- Power Turn System
 - Power is distributed to the rear wheels according to steering angle of front wheels, providing traction to pave through turns and push trucks around curves
- Tight turning capability and mobility around obstacles with inside turning radius of 1.4 m (4.75')
- Front-wheel assist and all-wheel drive options



WHEEL UNDERCARRIAGE

EXCEPTIONAL VISIBILITY AND COMFORT

- Dual operating stations swingout beyond frame for good visibility
- Total Fumes Management System
 - front-mounted cooling system directs hot engine air away from the crew and re-directs asphalt fumes cloud that occurs when truck dumping
 - dedicated ventilation system draws fumes from conveyor tunnel as well as auger chamber and directs away from crew



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



FUMES MANAGEMENT



AP600D PAVER SPECIFICATIONS

DIMENSIONS

Tractor length w/push roller	4.95 m (16' 3")
Length with push roller and AS2252C screed	6.58 m (21' 7")
Length with push roller and AS3251C screed	6.80 m (22' 4")
Length with push roller and AS4251C screed	6.16 m (20' 2")
Length with push roller and AS4252C screed	6.59 m (21' 2")
Transport width with screed end gates (hopper raised)	2.72 m (8' 11")
Transport width without screed end gates (hopper raised)	2.44 m (8')
Tractor operating width (hopper lowered)	3.31 m (10' 10")
Track gauge width	2.20 m (7' 3")
Operating height	3.84 m (12' 7")
Transport height w/fumes stack and seat lowered	2.82 m (9' 3")
Truck dump height	520 mm (20")
Truck entry width	3.20 m (10' 6")
Push roller height	533 mm (21")
Hopper length	1.96 m (6' 5")
Deck Height	1.78 m (5' 10")

OPERATING WEIGHTS

AP600D w/AS2252C	16 897 kg (37,251 lb)
AP600D w/AS3251C	17 122 kg (37,747 lb)
AP600D w/AS4251C	18 200 kg (40,124 lb)
AP600D w/AS4252C	17 200 kg (37,920 lb)

POWERTRAIN

Cat® C6.6 Engine (Gross Power)	129 kW (174 hp)
Speeds	
Pave	61 mpm (200 fpm)
Travel	18 km/hr (11 mph)

PAVING WIDTHS

Maximum w/AS2252C	1.83 m - 5.6 m (6' - 18' 5")
Maximum w/AS3251C	1.83 m - 6.15 m (6' - 20' 2")
Maximum w/AS4251C	2.55 m - 8.0 m (8' 4" - 26' 4")
Maximum w/AS4252C	2.55 m - 8.0 m (8' 4" - 26' 4")
Maximum Paving Depth	305 mm (12")

MISCELLANEOUS

Fuel Tank Capacity	291 L (77 gal)
Hopper Capacity (including tunnels)	6.5 m ³ (230 ft ³)

SCREEDS	AS2252C	AS3251C	AS4251C	AS4252C
Crown range - %	+10 to -3	+10 to -3	+5 to -3	+5 to -3
Vibration - Hz (vpm)	50 (3000)	50 (3000)	50 (3000)	50 (3000)
Tamper speed - rpm	—	—	1700	1700
Tamper stroke - mm (in)	—	—	4 (0.16)	4 (0.16)
Heating system	electric	electric	LPG or electric	electric

OPTIONAL EQUIPMENT

- Auger and Mainframe Extensions
- Auxiliary Power Panel
- All-Wheel Drive/Front Wheel Assist
- Cut-Off Shoe
- Decelerator Pedals
- Ecological Washdown System and Hose Reel
- Feeder Sensor (Mechanical or Sonic)
- Fumes Extraction
- Grade and Slope Controls (Cat/Topcon)
- Hard Top Canopy
- Leveling Devices
- Lights (Working or Roading)
- 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.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

© 2011 Caterpillar
All Rights Reserved

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

QEXQ1519 (05-11)

