

AP655D 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
- Friction steer, holds steering direction in turns
- 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

STEEL OR MOBIL-TRAC™ UNDERCARRIAGE

- Oscillating bogie designs for both steel and rubber track designs, minimize tow-point movement for smoother mats and minimal wear, leading to longer track and belt life
- Excellent traction, soft/hard base capability
- Mobil-Trac undercarriage delivers the speed of wheeled pavers
- Smooth belt, less base disturbance and minimizes handwork, tread-bar belt, ultimate traction in any condition



MOBIL-TRAC™ UNDERCARRIAGE

EXCEPTIONAL VISIBILITY AND COMFORT

- Dual operating stations swingout beyond frame for good visibility
- 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



AP655D PAVER SPECIFICATIONS

DIMENSIONS

Tractor length w/push roller	4.95 m (16' 3")
Length with push roller and AS2252C screed	6.65 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	605 mm (24")
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

AP655D w/AS2252C	18 020 kg (39,727 lb)
AP655D w/AS3251C	18 250 kg (40,234 lb)
AP655D w/AS4251C	18 890 kg (41,645 lb)
AP655D w/AS4252C	18 350 kg (40,455 lb)

POWERTRAIN

Cat® C6.6 Engine (Gross Power)	129 kW (174 hp)
Speeds	
Mobil-Trac Travel	14.5 km/hr (9 mph)
Steel Track Travel	8 km/hr (5 mph)

PAVING RANGE

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 m³ (230 ft³)
Electrical System	24 V, 80 A Alternator

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
- Cut-Off Shoe
- Decelerator Pedals
- Ecological Washdown System and Hose Reel
- Feeder Sensor (Mechanical or Sonic)
- Friction Steering
- Fumes Extraction
- Grade and Slope Controls (Cat/Topcon)
- Hard Top Canopy
- Leveling Devices
- Lights (Working or Rooding)
- Mobil-trac Belt (Smooth or Treadbar)
- Oscillating Push Roller
- Power Folding Front Apron
- Power Mainframe Extensions
- Product Link
- Screed Extensions
- Steel Track Undercarriage
- Tow-point Indicators (Upper)
- Track Plow
- 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

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

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