

# AP655D Paver



## SMOOTHNESS BUILT-IN

- Mobil-Trac™ undercarriage
  - Fully oscillating bogie wheels, minimizes tow-point movement and maintain ground pressure
  - Automatic belt tensioning ensures performance minimizes wear
  - Tread-bar or smooth belts to meet a variety of conditions
- Steel track undercarriage
  - Unique oscillating quad-rear bogie provides oscillation for smoother ride, less tow-point movement
  - Automatic track tensioning ensures performance, and reduces wear
- Advanced screed assist
  - Provides upward force on the screed, eliminates settling
  - Independent settings for standby and pave modes
- Material delivery system
  - Independent control of each auger and each conveyor
  - Automatic controls ensure precise delivery
  - Over-sized components run slower for reduced material segregation and parts wear
- AS4251C Screed
  - 4 ton weight and 40 cm screed plate depth provide stability and reactivity

## ULTIMATE OPERATOR COMFORT

- Total fumes management
  - Optimizes air-flow for improved operating conditions, engine cooling system, optional ventilation system
- Good visibility to truck driver, hopper, auger chamber, finished mat
- Simple to use controls
  - Automotive-type steering wheels
  - Rugged switches with tactile feel
  - Cat® Advisor provides on-board diagnostics, calibrations, and parameter settings to match operator preferences

## VERSATILITY

- Mobil-Trac undercarriage
  - Stability, traction, mobility, and ride quality
- AS4251C Screed available with LPG or electric heat
  - Up to 6.5 m paving width
  - 4200 kg weight
  - 40 cm screed plate depth
- AS4252C Screed available with electric heat
  - Up to 8 m paving width
  - 3200 kg weight
  - Single main screed plate
  - Cat Grade and Slope controls (option)

## MOBILITY ON THE JOB

- Three propel/steering modes modify response for better control
  - Pave, travel and maneuver
  - Maneuver mode, machine rotates within its own footprint

## MOBILITY BETWEEN JOBS

- 14.5 kph (9 mph) travel speed w/Mobil-Trac undercarriage
- 8 kph (5 mph) travel speed w/steel track undercarriage
- Mobil-Trac undercarriage crawls over obstacles



ADVISOR DISPLAY



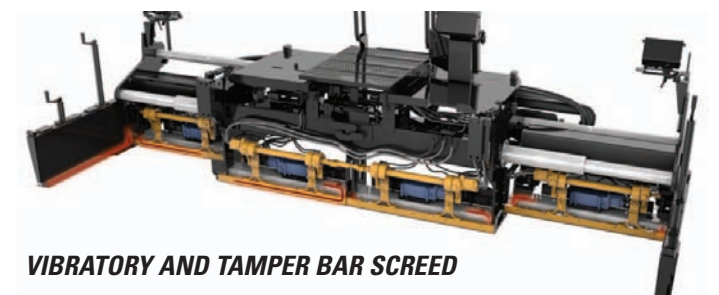
INDEPENDENT MIX DELIVERY



MOBIL-TRAC™ UNDERCARRIAGE



FUMES MANAGEMENT



VIBRATORY AND TAMPER BAR SCREED



## 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 w/electric heat	18 780 kg (41,403 lb)
AP655D w/AS4252C w/electric heat	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](http://www.cat.com)

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

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