



Cat[®] AP355F PAVER

TOP FEATURES:

TECHNOLOGY THAT WORKS FOR YOU

- Powerful Cat[®] C3.3B engine meets regional emissions requirements
- Auto-fill feeder system simplifies setup
- Single touch feeder system activation optimizes efficiency
- Automated travel feature; augers and hydraulic mainframe extensions raise with the screed, preventing damage during transport
- Single-touch hopper control enables operators to concentrate on other duties
- Product Link[™] remotely monitors machine location, daily hours of operation, fuel consumption, fault codes, and preventative maintenance status, for optimal machine support

EXCLUSIVE MOBIL-TRAC[™] UNDERCARRIAGE

- Excellent flotation, high-speed, and smooth travel
- Maintenance-free due to self-tensioning belt design
- Smoother paving results from oscillating bogies that crawl over grade deviations and limit tow-point movement for smoother paving

UNMATCHED AFTER-THE-SALE SUPPORT

- Strategically located dealers with 24/7 support
- In-the-Iron service training for technicians
- Paver Operator Training helps maximize machine performance
- Project consulting helps improve technique and job site management

LOW OWNING AND OPERATING COSTS

- Exclusive eco-mode and automatic engine speed control, reduce fuel consumption and lower sound levels for better comfort and communication
- Million cycle switches provide reliability
- Conveyor bed plates and chain guards designed to minimize labor requirements and provide lower cost replacement
- Heating elements slide-out for easy replacement
- Machined screed frames simplify screed plate leveling

HIGH QUALITY RESULTS, HIGHER EARNINGS

- SE34 V and SE34 VT screeds available; vibration only or tamper-bar w/vibration
- Paving range of 700 mm (27.5") to 4600 mm (181")
- Electrically heated screed plates, easily replaceable
- Heated end gates help provide material smooth flow
- Quick extension installation/removal in ±30 minutes
- Variable frequency tamper bars and vibration systems help fine-tune performance

Specifications:

Weight

| | | |
|------------------|---------|-----------|
| Tractor only | 7300 kg | 16,094 lb |
| w/SE34 V screed | 8550 kg | 18,850 lb |
| w/SE34 VT screed | 8730 kg | 19,246 lb |

Engine – Powertrain

| | | | |
|---------------------|-----------|---------|----------------|
| Engine model* | Cat C3.3B | | |
| Gross power: | 55 kW | 73.8 hp | 74.8 metric hp |
| Number of cylinders | 4 | | |
| Rated engine speed | 2200 rpm | | |

* Engine models are available to meet regional emission requirements.

Speed ranges:

| | | |
|--------------------|--------------|---------|
| Paving | 64 mpm | 210 fpm |
| Travel | 0 - 11 km/hr | 7 mph |
| Steering (outside) | 1.65 m | 5' 5" |
| Maneuver mode | 500 mm | 20" |

Paving Range

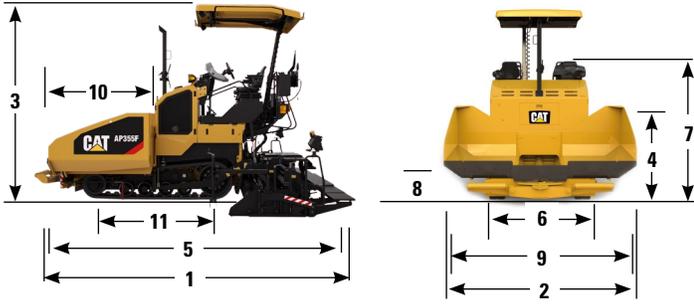
| | | |
|-----------------------------|----------------|----------------|
| Standard range | 1.75 - 3.42 m | 5' 9" - 11' 2" |
| Maximum w/extensions | 4.6 m | 15' 1" |
| Reduction attachment | 700 mm | 27.5" |
| Screed vibration frequency | 50 Hz | 3000 vpm |
| Screed tamper-bar frequency | 30 Hz | 1800 vpm |
| Screed crown adjustment | +4.5% to -2.5% | |

Capacities

| | | |
|-----------------------------|------------|----------|
| Maximum throughput capacity | 406 Tonnes | 447 Tons |
| Fuel tank | 110 L | 29.0 gal |
| Cooling system | 9 L | 2.4 gal |
| Engine oil | 13.2 L | 3.5 gal |
| Hydraulic tank | 80 L | 17.6 gal |
| Washdown spray tank | 28 L | 6.2 gal |



Dimensions:



| | | |
|-------------------------------------|---------|----------|
| 1 Overall length w/screed | 5047 mm | (16' 6") |
| 2 Operating width (hoppers lowered) | 3180 mm | (10' 5") |
| 3 Operating height | 3415 mm | (11' 2") |
| 4 Operating deck height | 1313 mm | (4' 3") |
| 5 Transport length w/screed | 4814 mm | (15' 9") |
| 6 Transport width w/end gates | 1938 mm | (6' 4") |
| 7 Transport height w/canopy | 2645 mm | (8' 8") |
| 8 Truck entry height - hopper | 547 mm | (21.5") |
| 9 Truck entry width | 3150 mm | (10' 4") |
| 10 Hopper length w/push-roller | 1993 mm | (6' 4") |
| 11 Ground contact length | 2615 mm | (8' 7") |

Cat C3.3B Engine

- Meets Regional Emissions
- Eco-Mode Saves Fuel

High-Tech Machine Controls

- Single-Touch Feeder System
- Single-Touch Hopper Control



Excellent Maneuverability

- Exclusive Mobil-Trac Undercarriage

SE34 VT and V Screeds

- Tamper Bars (VT) and Vibration
- Vibration only (V)

Materials and specifications are subject to change without notice.
 Featured machines in photos may include additional equipment.
 For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

QEHQ1962-01 (03-2016)

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