



Cat[®] AP300F 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

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 4000 mm (157")
- Electrically heated screed plates, easily replaceable
- Heated end gates help provide smooth flow
- Quick extension installation/removal in ±30 minutes
- Variable frequency available for the tamper bar and vibration systems

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

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

Specifications:

Weight

Tractor only	6600 kg	14,550 lb
w/SE34 V screed	8000 kg	17,637 lb
w/SE34 VT screed	8200 kg	18,078 lb

Paving Range

Standard range	1.75 - 3.42 m	5' 9" - 11' 2"
Maximum w/extensions	4.0 m	13' 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
Hopper Capacity	3.8 m ³	134 ft ³
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

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		

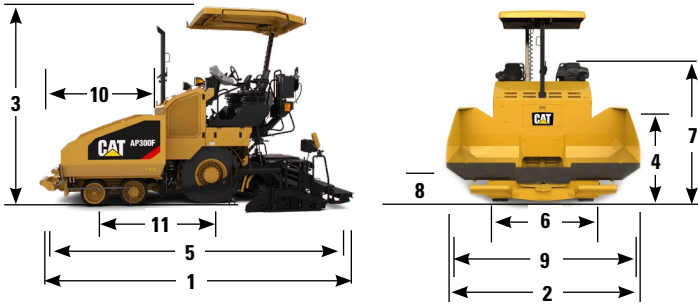
* Engine options are available in order to meet U.S. EPA Tier 4 Final, EU Stage V, or emissions equivalent to U.S. EPA Tier 3, EU Stage IIIA, China Off-Road Stage III, or emissions equivalent to U.S. EPA Tier 2 and EU Stage II.

Speed ranges:

Paving - vibratory screed	61 mpm	200 fpm
Paving - tamper-bar screed	25 mpm	82 fpm
Travel	0 - 16 km/hr	10 mph
Steering (Inside)	1.65 m	5' 5"
Maneuver mode	500 mm	20"



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	4904 mm	(16' 1")
6 Transport width w/end gates	1897 mm	(6' 2")
7 Transport height w/canopy retracted	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 Wheel base	1987 mm	(6' 6")

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

- Front Wheel Assist

SE34 VT and V Screeds

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

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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