



Cat[®]

AP600F PAVER

FEATURES:

HIGH RETURN ON INVESTMENT

- Exclusive 70 kW integrated generator, designed for long life by the same team that developed the D7E electric drive dozer
- Fast heating screed leads to more daily production, heating time in as little as 15 minutes
- Excellent turning capability, fast travel leads to increased production
- Exclusive air flow design improves operating conditions for the crew and keeps components cooler for lasting durability

TECHNOLOGY THAT WORKS FOR YOU

- Exclusive screed heating system monitors elements for failure conditions, eliminates unnecessary replacement
- Cat[®] Grade and Slope option integrated in the tractor and screed displays for optimized operator efficiency
- Propel and feeder system settings transfer between stations with a single switch
- 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
- 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

- SE50-Series and SE60-Series screeds deliver excellent ride, density, and mat texture while providing superior adjustment, available with Tamper-bars and vibration or vibration only
- Tow-point utilizes exclusive linkage design for optimal screed flotation
- Exclusive 2-speed proportional control on the screed extenders

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
- 4-pump feeder system is designed for high production in Eco-mode, leads to lower fuel consumption
- 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 replacement

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:

Engine – Powertrain

Cat C4.4 ACERT™ Engine* 129 kW 175 hp (M), 173 hp (I)

* Engine meets U.S. EPA Tier 4 Final/EU Stage IV emission standards.

Cat C7.1 Engine** 151 kW 205 hp (M), 202 hp (I)

** Engine meets emissions equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Stage III requirements.

Engine speed - maximum/minimum 2200/1000 rpm

Eco-mode 1650 rpm

Screed heating - standard width (Quiet) 1300 rpm

Screed heating - w/extensions (Quick) 1300 to 2200 rpm

Speed ranges:

Paving 76 mpm 250 fpm

with Tamper-bar screed 25 mpm 82 fpm

Travel 16 km/hr 10 mph

Italian Rode Homologation 14.9 km/hr 9.3 mph

Weights

AP600F Paver only - shipping 13 558 kg 29,891 lb

AP600F Paver only - operating 13 845 kg 30,522 lb

Operating weight includes full fuel tank and 75 kg (165 lb) operator.

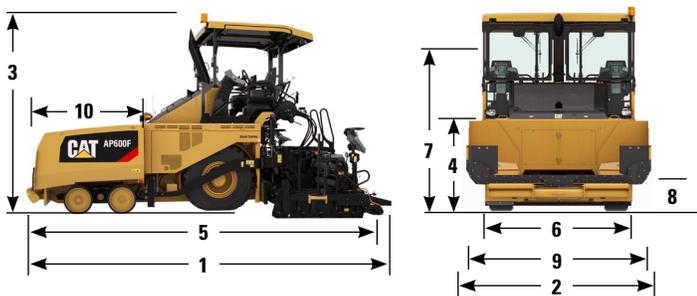
SE50 V Screed only 3284 kg 7,239 lb

SE50 VT Screed only 3490 kg 7,695 lb

SE60 V Screed only 3400 kg 7,495 lb



Paver Specifications



Dimensions:

1	Operating length with SE50 V	6820 mm	22' 5"
	Operating length with SE50 VT	6820 mm	22' 5"
	Operating length with SE60 V	6825 mm	22' 5"
2	Operating width	3306 mm	10' 10"
	Operating height with canopy, (top of beacon)	3989 mm	13' 1"
3	Operating height without canopy	3802 mm	12' 4"
	Operating deck height	1850 mm	6' 1"
5	Transport length with SE50 V, SE50 VT	6720 mm	22' 1"
6	Transport width - w/SE50 w/endgates	2762 mm	9' 1"
	Transport width - w/SE50 w/endgates folded	2550 mm	8' 4"
	Transport width - w/SE60 V w/endgates	3211 mm	10' 6"
	Transport width - w/SE60 V w/endgates folded	3000 mm	9' 10"
7	Transport height - canopy retracted	3098 mm	10' 2"
	Transport height - without canopy	2997 mm	9' 10"
8	Truck entry height - manual apron	477 mm	18"
	hydraulic apron	466 mm	18"
9	Truck entry width	3194 mm	10' 6"
10	Hopper length with push-roller - minimum	2215 mm	7' 3"
	Hopper length with push-roller - maximum	2414 mm	7' 11"

Optional Equipment

- Air-ride Seat w/Heat
- All-Wheel Drive
- Auger and Mainframe Extensions
- Ballast (front bumper)
- Cat Grade Controls
- Decelerator Pedals
- Ecological Washdown System
- Feeder Sensor (mechanical or sonic)
- Front-Wheel Assist
- Hard Top Canopy
- HID Lights
- Leveling Devices
- Lights (Working or Roding)
- 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
- Windshield w/Hard Top Canopy

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

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Product ID: AP600F

Electrical System

Starting and Charging	24-volt, 115-amp alternator
Batteries	Two, 1000 CCA
Generator/Auxiliary power	70 kW/ 6.6 kW
Machine Security System	Wire-ready
Product Link System	Wire-ready

Capacities

Maximum throughput capacity	1300 tonnes/h	1,433 tph
Hopper capacity with tunnels	7.1 m ³	250 ft ³
Fuel tank	278 L	73 gal
DEF (Urea) capacity - Cat 4.4 engine only	19.1 L	5 gal
Engine oil - Cat 4.4 engine	13.5 L	3.6 gal
Cat 7.1 engine	15.5 L	4.1 gal
Cooling system - Cat C4.4 engine	31 L	8 gal
Cat 7.1 engine	37 L	9.8 gal
Hydraulic tank	219 L	58 gal

Screed Specifications

Standard paving range:		
w/SE50 V, SE50 VT	2.55 - 5.0 m	8' 4"-16' 4"
w/SE60 V	3.0 - 6.0 m	9' 10" - 19' 6"
Maximum paving width:		
w/SE50 V	6.5 m	21' 4"
w/SE50 VT	8.0 m	26' 4"
w/SE60 V	7.65 m	25'
Maximum paving depth	305 mm	12"
Extender height range	-20 mm to +50 mm	
Crown range:		
SE50 V	-4% to +10% (total)	
SE50 VT	-2% to +5% (per side)	
SE60 V	-4% to +10% (total)	
Extender slope range:		
SE50 V, SE60 V	-3% to +10%	
SE50 VT	-3% to +2%	

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