

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:

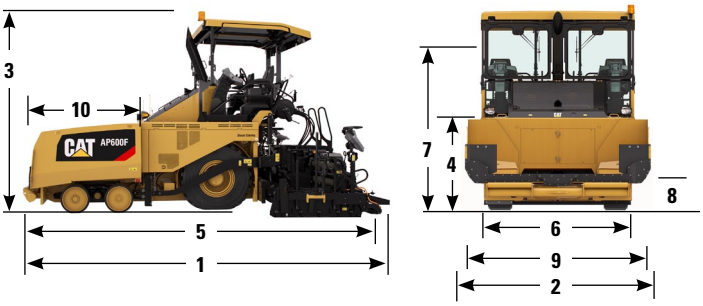
Engine – Powertrain

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"
3	Operating height with canopy, (top of beacon)	3989 mm	13' 1"
	Operating height without canopy	3802 mm	12' 4"
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"

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%	

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 Roading)
- 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