



Cat[®] AP655F PAVER W/STEEL TRACK UNDERCARRIAGE

FEATURES:

HIGH RETURN ON INVESTMENT

- Exclusive, integrated 70 kW generator designed for long life by the same team that developed the D7E electric drive track-type tractor
- Fast heating screed leads to more daily production, heating time in as little as 15 minutes
- Steel track undercarriage with exclusive triple bogie system limits tow-point movement for excellent paving results
- Exclusive air flow design improves operating conditions for the crew and keeps components cooler for lasting durability
- Higher resale value: long-life components, and latest engine emissions technology

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; Cat exclusive
- 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 operators 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/E.U. 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	49 mpm	160 fpm
With Tamper-bar screed	25 mpm	82 fpm
Travel	6.5 km/hr	4 mph

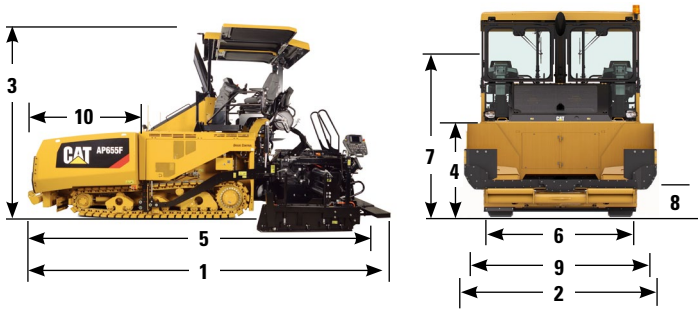
Weights

AP655F Steel Track Paver only - shipping	15 757 kg	34,738 lb
AP655F Steel Track Paver only - operating	16 043 kg	35,368 lb
<i>Operating weight includes full fuel tank and 75 kg (165 lb) operator.</i>		
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
SE60 V XW Screed*** only	4070 kg	8,973 lb
SE60 VT XW Screed*** only	4532 kg	9,991 lb

*** Not available on the AP655F for the U.S. market.



Paver Specifications



Dimensions:

1	Operating length with SE50 V	6829 mm	22' 5"
	Operating length with SE50 VT	6829 mm	22' 5"
2	Operating length with SE60 V	6829 mm	22' 5"
	Operating length with SE60 V XW, SE60 VT XW	7034 mm	23' 1"
3	Operating width	3306 mm	10' 10"
4	Operating height with canopy, (top of beacon)	3873 mm	12' 8"
	Operating height without canopy	3761 mm	12' 1"
5	Operating deck height	1776 mm	5' 10"
6	Transport length with SE50 V, SE50 VT	6720 mm	22' 1"
	Transport length with SE60 V XW, SE60 VT XW	6910 mm	22' 8"
7	Transport width - w/SE50 w/endgates	2756 mm	9' 1"
	Transport width - w/SE50 w/endgates folded	2550 mm	8' 4"
	Transport width - w/SE60 w/endgates	3211 mm	10' 6"
	Transport width - w/SE60 w/endgates folded	3000 mm	9' 10"
8	Transport height - canopy retracted	3040 mm	10'
	Transport height - without canopy	2914 mm	9' 6"
9	Truck entry height - manual apron	509 mm	20"
	hydraulic apron	498 mm	19"
10	Truck entry width	3194 mm	10' 6"
	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
- Auger and Mainframe Extensions
- Ballast (front bumper)
- Cat Grade Control
- Decelerator Pedals
- Ecological Washdown System
- Feeder Sensor (mechanical or sonic)
- 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)
- Track Plow
- Truck Hitch
- Umbrella
- Up-time Kit
- Warning Beacon
- Wide Width Paving Packages
- Windshield w/Hard Top Canopy

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 ACERT engine	13.5 L	3.6 gal
Cat 7.1 engine	15.5 L	4.1 gal
Cooling system - Cat C4.4 ACERT 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, VT	2.55 - 5.0 m	8' 4"-16' 4"	
w/SE60 V, SE60 V XW, SE60 VT XW	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'	
w/SE60 V XW, SE60 VT XW	10.0 m	33'	
Maximum paving depth	305 mm	12"	
Extender height range	-20 mm to +50 mm		
Crown range:			
SE50 V	-4% to +10% (total)		
SE60 V, SE60 V XW	-3% to +10% (total)		
SE50 VT	-2% to +5% (per side)		
SE60 VT XW	-1.5% to +5% (per side)		
Extender slope range:			
SE50 V, SE60 V, SE60 V XW	-3% to +10%		
SE50 VT	-3% to +2%		
SE60 VT XW	-3% to +5%		

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

©2015 Caterpillar Inc.

All Rights Reserved.

CAT, CATERPILLAR, BUILT FOR IT, ACERT, SAFETY.CAT.COM, their respective logos, "Caterpillar Yellow" and the "PowerEdge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

Product ID: AP655F ST

QEHQ1858-01 (9-2015)

