



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 |

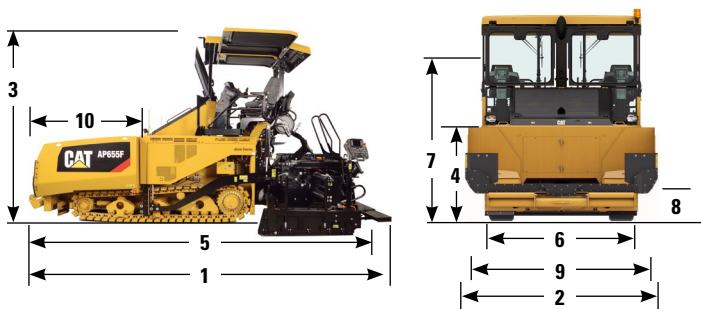
Weights

| | | |
|--|-----------|-----------|
| 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

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