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

Specifications:

Engine – Powertrain

<table>
<thead>
<tr>
<th>Engine</th>
<th>C4.4 ACERT™ Engine*</th>
<th>106 kW</th>
<th>144 hp (M), 142 hp (I)</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Two engine options are available to meet U.S. EPA Tier 4 Final/EU Stage IV emission standards as well as emissions equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Stage III.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engine speed - maximum/minimum</td>
<td>2200/1000 rpm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eco-mode</td>
<td>1650 rpm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screed heating - standard width (Quiet)</td>
<td>1300 rpm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screed heating - w/extensions (Quick)</td>
<td>1300 to 2200 rpm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Weights

<table>
<thead>
<tr>
<th>Description</th>
<th>AP555F Paver only - shipping</th>
<th>13,690 kg</th>
<th>30,099 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AP555F Paver only - operating</td>
<td>13,800 kg</td>
<td>30,430 lb</td>
</tr>
<tr>
<td>Operating weight includes full fuel tank and 75 kg (165 lb) operator.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>SE50 V Screed only</th>
<th>3284 kg</th>
<th>7,239 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SE50 VT Screed only</td>
<td>3490 kg</td>
<td>7,695 lb</td>
</tr>
</tbody>
</table>

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
Paver Specifications

![Paver Image]

### Dimensions:

1. Operating length with SE50 V, SE50 VT: 6323 mm (20' 9")
2. Operating width: 3306 mm (10' 10")
3. Operating height, top of exhaust stack: 3888 mm (12' 9")
4. Operating deck height: 1791 mm (5' 10")
5. Transport length with SE50 V, SE50 VT: 6245 mm (20' 6")
6. Transport width - w/SE50 w/endgates: 2762 mm (9' 1")
   - Transport width - w/SE50 w/endgates folded: 2550 mm (8' 4")
7. Transport height - canopy retracted: 3059 mm (10')
   - Transport height - without canopy: 2931 mm (9' 7")
8. Truck entry height - manual apron: 531 mm (21")
   - Truck entry height - hydraulic apron: 517 mm (20")
9. Truck entry width: 3194 mm (10' 6")
10. Hopper length with push-roller - minimum: 2121 mm (6' 11")
    - Hopper length with push-roller - maximum: 2320 mm (7' 7")

### Electrical System

- **Starting and Charging**: 24-volt, 100-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**: 1168 tonnes/h (1,288 tph)
- **Hopper capacity with tunnels**: 6.7 m³ (237 ft³)
- **Fuel tank**: 179 L (47 gal)
- **DEF (Urea) capacity**: 19.1 L (5 gal)
- **Engine oil**: 7 L (1.85 gal)
- **Cooling system**: 30 L (7.9 gal)
- **Hydraulic tank**: 107 L (28 gal)

### Screed Specifications

- **Standard paving range**: w/SE50 V, SE50 VT 2.55 - 5.0 m (8' 4" - 16' 4")
- **Maximum paving width**: w/SE50 V 6.5 m (21' 4")
  - w/SE50 VT 7.5 m (24' 7")
- **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)
- **Extender slope range**:
  - SE50 V -3% to +10%
  - SE50 VT -3% to +2%

### Optional Equipment

- Air-ride Seat w/Heat
- Auxiliary Power Panel
- Auger and Mainframe Extensions
- Ballast (front bumper)
- Cat Grade Controls
- Decelerator Pedals
- Ecological Washdown System
- Feeder Sensor (mechanical or sonic)
- Friction Steering
- Hard Top Canopy
- HID Lights
- Leveling Devices
- Lights (Working or Roading)
- Mobil-Trac Belt (smooth or treadbar)
- 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

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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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