



Cat®

AP1055F

PAVER

FEATURES:

HIGH RETURN ON INVESTMENT

- Higher resale value: long-life components, and latest engine emissions technology
- 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
- Mobil-trac™ undercarriage 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

ADVANCED TECHNOLOGY

- 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

- SE60 XW screeds deliver excellent ride, density, and mat texture while providing superior adjustment capabilities up to 10 m (33')
- SE60 V screed delivers great ride and mat qualities while providing versatility in urban areas as well as interstate applications
- 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
- Keypad switches have been tested to 1-million cycles without failure
- 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 C7.1 ACERT™ Engine | | | |
| Australia, U.S., and Canada* | 168 kW | 225 hp | |
| * Engine meets U.S. EPA Tier 4 Final/E.U. Stage IV emission standards. | | | |
| Cat C7.1 Engine | | | |
| China, Middle-East, Russia, South America** | 186 kW | 249 hp | |
| ** Engine meets emissions equivalent to U.S. EPA Tier 3 and E.U. Stage IIIA requirements. | | | |
| Number of cylinders | 6 | | |
| Engine speed - maximum/minimum | 2200/1100 rpm | | |
| Eco-mode | 1650 rpm | | |
| Screed heating - standard width (Quiet) | 1300 rpm | | |
| Screed heating - w/extensions (Quick) | 1300 to 2200 rpm | | |
| Speed ranges: | | | |
| Paving | 70 fpm | 230 fpm | |
| With Tamper-bar screed | 25 fpm | 82 fpm | |
| Travel | 14.5 km/hr | 9 mph | |

Weights - Australia, U.S. and Canada

| | | |
|------------------------------------|-----------|-----------|
| AP1055F (tractor only - shipping) | 16 620 kg | 36,642 lb |
| AP1055F (tractor only - operating) | 16 963 kg | 37,398 lb |
| AP1055F with SE60 V screed | 20 452 kg | 45,090 lb |
| AP1055F with SE60 V XW screed | 21 128 kg | 46,580 lb |
| AP1055F with SE60 VT XW screed | 21 918 kg | 48,320 lb |

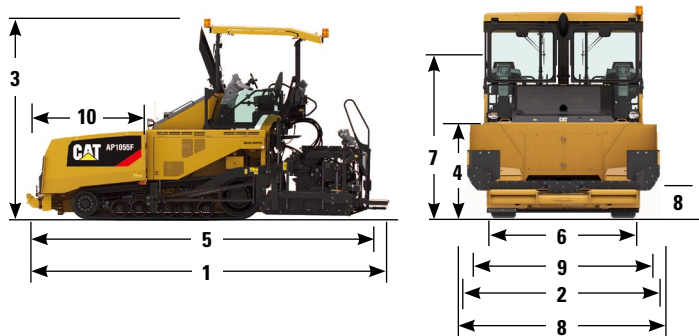
Weights - China, Middle-East, Russia, South America

| | | |
|------------------------------------|-----------|-----------|
| AP1055F (tractor only - shipping) | 16 716 kg | 36,852 lb |
| AP1055F (tractor only - operating) | 17 355 kg | 38,261 lb |
| AP1055F with SE60 V screed | 20 618 kg | 45,455 lb |
| AP1055F with SE60 V XW screed | 21 128 kg | 46,580 lb |
| AP1055F with SE60 VT XW screed | 21 918 kg | 48,320 lb |

Operating weights include full fuel tank and 75 kg (165 lb) operator.



AP1055F Specifications



Dimensions:

| | | | |
|-----------|---|---------|---------|
| 1 | Operating length with SE60 V screed | 6840 mm | 22' 5" |
| | Operating length with SE60 V XW, VT XW screed | 7030 mm | 23' 1" |
| | Operating length without screed | 5609 mm | 18' 5" |
| 2 | Operating width – standard entry hopper | 3350 mm | 11' 0" |
| | Operating width – low entry hopper | 3604 mm | 11' 10" |
| 3 | Operating height with canopy, (top of beacon) | 4000 mm | 13' 1" |
| | Operating height without canopy | 3715 mm | 12' 2" |
| 4 | Operating deck height | 1791 mm | 5' 11" |
| 5 | Transport length with SE60 V screed | 6710 mm | 22' 0" |
| | Transport length with SE60 V XW, VT XW screed | 6900 mm | 22' 8" |
| 6 | Transport width - with endgates | 3211 mm | 10' 6" |
| | Transport width - endgates folded | 3000 mm | 9' 10" |
| 7 | Transport height - canopy retracted | 3060 mm | 10' |
| | Transport height - without canopy | 2930 mm | 9' 7" |
| 8 | Truck entry height with standard entry hopper | | |
| | Manual apron | 570 mm | 22.5" |
| | Hydraulic apron | 616 mm | 24" |
| | Truck entry height with low entry hopper | | |
| | Manual apron | 521 mm | 20.5" |
| | Hydraulic apron | 587 mm | 23" |
| 9 | Truck entry width - standard entry hopper | 3224 mm | 10' 7" |
| | Truck entry width - low entry hopper | 3490 mm | 11' 6" |
| 10 | Hopper length with pushroller - minimum | 2414 mm | 7' 11" |

Screed Specifications

| | | |
|--------------------------------------|-------------------|--------------|
| Standard paving range | 3.0 - 5.95 m | 10' - 19' 6" |
| Maximum paving width with extensions | 7.65 m | 25' |
| Maximum paving depth | 305 mm | 12" |
| Crown range - SE60 V, V XW* | -3% to +10% | |
| SE60 VT XW** | -1.5% to 5% | |
| Extender height range | -20 mm to + 50 mm | |
| Extender slope range | -3% to +10% | |

* Scale indicator represents total crown for the screed.

** Scale indicator represents crown for each side of the screed.

Note: Total crown capability is the same for both vibratory and tamper bar screeds.

Electrical System

| | |
|----------------------------|---------------|
| Starting and Charging | 24-volt |
| Alternator | 115 amp |
| Batteries | Two, 1400 CCA |
| Generator | 70 kW |
| Auxiliary power capability | 6.6 kW |
| Machine Security System | Wire-ready |
| Product Link System | Wire-ready |
| Remote jump-start | Yes |
| Cat Grade and Slope | Integrated |

Capacities

| | | |
|------------------------------|--------------------|---------------------|
| Maximum throughput capacity | 1602 tonnes/h | 1,766 tph |
| Hopper capacity with tunnels | | |
| Standard entry hopper | 7.6 m ³ | 267 ft ³ |
| Low entry hopper | 8.1 m ³ | 286 ft ³ |
| Fuel tank | 348 L | 92 gal |
| DEF (Urea) capacity | 19.1 L | 5 gal |
| Cooling system | 45.4 L | 12 gal |
| Engine oil | 16 L | 4.2 gal |
| Hydraulic tank | 219 L | 58 gal |

Optional Equipment

- Air-ride Seat w/Heat
- Auger and Mainframe Extensions
- Ballast (front bumper)
- Cat Grade and Slope Controls
- Decelerator Pedals
- Ecological Washdown System
- Feeder Sensor (mechanical or sonic)
- Friction Steering
- Hard Top Canopy
- HID Lights
- Leveling Devices
- Lights (Working or Roading)
- Smooth/treadbar belt
- Oscillating Push Roller
- Power Folding Front Apron
- Power Mainframe Extensions
- Product Link
- Tow-point Indicators (Upper)
- Track Plow
- 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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