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

Specifications:

Engine – Powertrain

Cat C7.1 ACERT™ Engine
- Australia, U.S., and Canada* 168 kW 225 hp
- China, Middle-East, Russia, South America** 186 kW 249 hp

Cat C7.1 Engine
- 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 mpm 230 fpm
- With Tamper-bar screed 25 mpm 82 fpm
- Travel 14.5 km/hr 9 mph

Weights - Australia, U.S. and Canada

AP1055F (tractor only - shipping) 16 691 kg 36,804 lb
AP1055F (tractor only - operating) 17 031 kg 37,553 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) 17 031 kg 37,553 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

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

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
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 10 m 33’
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 m³ 267 ft³
   Low entry hopper 8.1 m³ 286 ft³
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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