

Product Specifications For PM622



Cutting System

Milling Width	2235 mm
Number of Bits	185
Note (1)	Number of bits with 15 mm spacing
Maximum Milling Depth	330 mm
Rotor Speeds	100 / 109 / 118 rpm
Minimum Left Cutting Radius	2 m
Minimum Right Cutting Radius	1.8 m

Power Train

Gross Power	470 kW
Engine Power	464 kW
Engine	Cat C18
Emissions	Brazil MAR-1 equivalent to U.S. EPA Tier 3 Stage IIIA
Maximum Milling Speed	100 m/min
Maximum Travel Speed	6 km/h
Build Number	02C

Weights

Operating Weight	31291 kg
------------------	----------

Note (1)	Operating weight includes base machine with 75 kg (165 lb) operator, all standard equipment, dust abatement system, 15 mm rotor, pedestal seats, one ground display, 50% water, 50% fuel and full operating fluids.
Transport Weight	30062 kg
Note (2)	Transport weight includes base machine, all standard equipment, dust abatement system, 15 mm rotor, pedestal seats, one ground display, empty water, full fuel and other operating fluids.

Dimensions

Operating Length - Conveyor Up	14.52 m
Operating Width	3.11 m
Height - Canopy	4.05 m
Maximum Truck Clearance	4.86 m
Conveyor Swing	±60 degrees from center
Transport Length	12.43 m
Transport Width	2.71 m
Transport Height	3 m

Service Refill Capacities

Fuel Tank	1108 l
Cooling System	85 l
Engine Oil	65 l
Hydraulic Tank	113 l
Water Spray System Tank	3400 l

Sustainability

Recyclability

95%

PM622 Standard Equipment

NOTE

Features, standard and optional equipment may vary by region. Please check with your local Cat dealer for specific offerings and availability in your area.

OPERATOR ENVIRONMENT

- 12-Volt power receptacle
- Ground control keypads
- Single high-resolution LCD touchscreen display
- Dual operator consoles with vertical adjustment
- Hydraulically folding canopy with LED lights

CAT® TECHNOLOGY

- Remote Flash
- Remote Troubleshoot
- Cat Grade and Slope
- VisionLink™ telematics

CONVEYOR

- Grease tensioner (primary conveyor)
- Hydraulically folding conveyor
- Conveyor speed boost feature

ROTOR SYSTEM

- Automatic plunge-cut
- Automatic grade and slope transition feature
- Obstacle jump
- Three cutting speeds
- Pneumatic bit removal tool
- Toolholder extractor
- Powered rotor turning device

POWERTRAIN

- Engine Idle Speed Management
- High capacity cooling system
- Automatic Load Control

HYDRAULIC SYSTEM

Two independent hydraulic propel circuits
Traction Control

SERVICE AND MAINTENANCE

Scheduled Oil Sampling (S·O·SSM) Ports
Power hood
Platform-level engine oil dipsticks
Rotor chamber water spray system
Air compressor
Accessory drive system
3400 L (898 gal) onboard water tank
Side water fill valve
High pressure washdown

SAFETY AND SECURITY

Platform handrails
Signaling/warning horn
Wide-dispersion LED work lighting
Rear vision camera

PM622 Optional Equipment

NOTE

Features, standard and optional equipment may vary by region. Please check with your local Cat dealer for specific offerings and availability in your area.

OPERATOR ENVIRONMENT

Dual high-resolution LCD touchscreen displays
Dual operator consoles with vertical, sideways, and rotational adjustment
Hydraulically folding canopy with LED lights and side extensions
Anti-fatigue floor mats
Adjustable pedestal seats
Adjustable suspension seats
Lockable 109x45x33 cm (43x18x13 in) storage chest
Windscreens (front and rear)

CAT® TECHNOLOGY

VisionLink™ Productivity
Inboard ski
Single sonic grade control sensor
Sonic averaging system for grade control
High-resolution LCD touchscreen display (for ground level grade controls)

CONVEYOR

Dust extraction system

Additional spray bars (dust control)
Conveyor release valve

ROTOR SYSTEM

Pendant control for rotor turning device
System K Rotor - Coarse (25 mm)
System K Rotor - Coarse (18 mm)
System K Rotor - Standard (15 mm)
System K Rotor - Standard (10 mm)
System K Rotor - Fine (8 mm)
System K Rotor - Micro (6 mm)
System H Rotor - Micro (6 x 2 mm)
Cat Diamond bits
Bit bucket trays

HYDRAULIC SYSTEM

Cat Bio HYDO™ Advanced biodegradable hydraulic oil
High ambient hydraulic oil

SERVICE AND MAINTENANCE

Low pressure washdown
Water tank transfer pump
Fuel transfer pump
Fast fill fuel tank

SAFETY AND SECURITY

Multi vision cameras (front conveyor, 2 magnetic mount)
Enhanced LED lighting package (perimeter, rotor service and water level)
Magnetic LED work light
Warning beacon (fixed or magnetic mount)
Truck signal lights