

Product Specifications For PM312



Cutting System

Milling Width	1225 mm
Maximum Milling Depth	330 mm
Rotor Speeds	97 / 109 / 121 rpm
Number of Bits	106

Power Train

Rated Power	256 kW
Engine	C9.3B
Maximum Travel Speed	5.5 km/h
Maximum Milling Speed	33 m/min

Weights

Operating Weight	21213 kg
Transport Weight	20804 kg

Dimensions

Operating Length - Conveyor Up	11.11 m
Operating Width	2.54 m
Height - Canopy	3.75 m
Maximum Truck Clearance	4.7 m
Minimum Right Cutting Radius	1.92 m

Minimum Left Cutting Radius	4.14 m
Conveyor Swing	±60 degrees from center
Transport Length	9.32 m
Transport Width	2.54 m
Transport Height	3 m

Service Refill Capacities

Cooling System	64 l
Water Spray System Tank	1260 l
Fuel Tank	522 l
Engine Oil	30 l
Hydraulic Tank	55 l

PM312 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

Sliding operator station
 Suspension seat
 Ergonomically-adjustable arm rest
 Ground control keypad
 High-resolution LCD touchscreen display
 12-Volt power receptacle

CAT® TECHNOLOGY

Remote Flash
 Remote Troubleshoot
 Cat Grade and Slope
 VisionLink® telematics

POWERTRAIN

Engine Idle Speed Management
High capacity cooling system
Automatic Load Control

HYDRAULIC SYSTEM

Traction Control

ROTOR SYSTEM

Automatic plunge-cut
Automatic grade and slope transition feature
Obstacle jump
Three cutting speeds

SERVICE AND MAINTENANCE

Scheduled Oil Sampling (S·O·SSM) Ports
Platform-level engine oil dipsticks
Rotor chamber water spray system
1260 L (332.9 gal) onboard water tank
Side water fill valve
Water tank fill pump

SAFETY AND SECURITY

Platform handrails
Signaling/warning horn

PM312 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

Additional high-resolution LCD touchscreen display
Powered canopy
Windscreen
Exhaust diverter

CAT® TECHNOLOGY

Sonic grade control sensors
High-resolution LCD touchscreen display (for ground level grade controls)

CONVEYOR

Dust extraction system
Hydraulically folding conveyor
Mechanically folding conveyor
Additional spray bars (dust control)

HYDRAULIC SYSTEM

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

ROTOR SYSTEM

Powered rotor turning device (with pendant control)
System K Rotor - Coarse (18 mm)
System K Rotor - Standard (15 mm)
System K Rotor - Fine (8 mm)
Cat Diamond bits
Pneumatic bit removal tool
Tool holder extractor
510 kg (1124 lb) ballast kit

SERVICE AND MAINTENANCE

Air compressor
Accessory drive system
High pressure washdown
Low pressure washdown
Additional water spray system (dust control)

SAFETY AND SECURITY

Halogen work lighting
Wide dispersion LED work lighting
Warning beacon (fixed)
LED roading lights
Truck signal lights
Remote cameras (rear back up, front conveyor, left and/or right cutting edges, magnetic mount)