

PRODUCT SPECIFICATIONS FOR PM312 WHEEL UNDERCARRIAGE (TIER 3)



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	7.5 km/h
Maximum Milling Speed	33 m/min

WEIGHTS

Operating Weight	20507 kg
Transport Weight	20098 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	2 m
Minimum Left Cutting Radius	4.23 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
Hydraulic Tank	55 l
Water Spray System Tank	1260 l
Fuel Tank	522 l
Engine Oil	30 l

PM312 WHEEL UNDERCARRIAGE (TIER 3) STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

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

CAT CONNECT TECHNOLOGY

Remote Flash
 Remote Troubleshoot
 Cat Grade with Grade and Slope
 VisionLink® telematics

ROTOR SYSTEM

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

POWERTRAIN

Engine Idle Speed Management
High capacity cooling system
Automatic Load Control

HYDRAULIC SYSTEM

Traction control

SERVICE AND MAINTENANCE

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

SAFETY AND SECURITY

Platform handrails
Signaling/warning horn

PM312 WHEEL UNDERCARRIAGE (TIER 3) OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

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

CAT CONNECT TECHNOLOGY

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

CONVEYOR

Dust abatement system
Hydraulic folding conveyor

ROTOR SYSTEM

Rotor turning device (with pendant control)
System K Rotor – Coarse (18 mm)
System K Rotor – Standard (15 mm)

System K Rotor - Fine (8 mm)

Diamond bits

Pneumatic bit removal tool

Tool holder extractor

510 kg (1124 lb) ballast kit

HYDRAULIC SYSTEM

Cat Bio HYDO™ Advanced biodegradable hydraulic oil

High ambient hydraulic oil

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)