

# PRODUCT SPECIFICATIONS FOR PM312 TRACK 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	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

<b>Minimum Right Cutting Radius</b>	1.92 m
<b>Minimum Left Cutting Radius</b>	4.14 m
<b>Conveyor Swing</b>	60 degrees from center
<b>Transport Length</b>	9.32 m
<b>Transport Width</b>	2.54 m
<b>Transport Height</b>	3 m

## SERVICE REFILL CAPACITIES

<b>Cooling System</b>	64 l
<b>Water Spray System Tank</b>	1260 l
<b>Fuel Tank</b>	522 l
<b>Engine Oil</b>	30 l
<b>Hydraulic Tank</b>	55 l

## PM312 TRACK 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·S<sup>SM</sup>)  
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 TRACK 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)