

Product Specifications For PM313 Track Undercarriage (Tier 4/Stage V)



Cutting System

Milling Width	51.2 in
Maximum Milling Depth	13 in
Rotor Speeds	97 / 109 / 121 rpm
Number of Bits	111

Power Train

Rated Power	343 HP
Engine	C9.3B
Maximum Travel Speed	3.4 mile/h
Maximum Milling Speed	108 ft/min

Weights

Operating Weight	47522 lb
Transport Weight	46622 lb

Dimensions

Operating Length - Conveyor Up	36.45 ft
Operating Width	8.33 ft
Height - Canopy	12.3 ft
Maximum Truck Clearance	15.42 ft
Minimum Right Cutting Radius	6.3 ft

Minimum Left Cutting Radius	13.58 ft
Conveyor Swing	60 degrees from center
Transport Length	30.58 ft
Transport Width	8.33 lb/in
Transport Height	9.84 ft

Service Refill Capacities

Fuel Tank	137.9 gal (US)
Engine Oil	7.9 gal (US)
Hydraulic Tank	14.5 gal (US)
Cooling System	16.9 gal (US)
Diesel Exhaust Fluid (DEF) Tank	12.4 gal (US)
Water Spray System Tank	332.9 gal (US)

PM313 Track Undercarriage (Tier 4/Stage V) 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
Wheel undercarriage

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

PM313 Track Undercarriage (Tier 4/Stage V) 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

POWERTRAIN

CE certificate

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)