

PRODUCT SPECIFICATIONS FOR PM310 TRACK UNDERCARRIAGE



CUTTING SYSTEM

Milling Width	1000 mm
Maximum Milling Depth	330 mm
Rotor Speeds	97 / 109 / 121 rpm
Number of Bits	91

POWER TRAIN

Rated Power	246 kW
Engine	C9.3
Maximum Travel Speed	5.5 km/h
Maximum Milling Speed	33 m/min

WEIGHTS

Operating Weight	21780 kg
Transport Weight	20168 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

Hydraulic Tank	59 l
Diesel Exhaust Fluid (DEF) Tank	22 l
Fuel Tank	600 l
Water Spray System Tank	1260 l
Engine Oil	30 l
Cooling System	62 l

PM310 TRACK UNDERCARRIAGE STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

- Sliding operator station
- Suspension seat
- Ground control keypad
- Single high-resolution LCD touchscreen display
- 12-volt power receptacle

CAT CONNECT TECHNOLOGY

- Remote Troubleshoot capability
- Cat Product Link
- Cat GRADE

CONVEYOR

Material removal boost feature

ROTOR SYSTEM

Automatic plunge-cut

Automatic transition feature

Obstacle jump

Three cutting speeds

System K Rotor - Standard (15 mm)

POWERTRAIN

Auto engine idle control

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 (333 gal) onboard water tank

Side water fill valve

Water spray system

SAFETY AND SECURITY

Platform handrails

Signaling/warning horn

Halogen work lighting

PM310 TRACK UNDERCARRIAGE OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Additional high-resolution LCD touchscreen display

Powered canopy

Windscreens

Remote camera with cut edge guidance

CAT CONNECT TECHNOLOGY

Sonic sensor (averaging or string line)

Ground level grade controls

CONVEYOR

Dust abatement system

Dust abatement system

Hydraulic folding conveyor

Remote camera (loading conveyor)

ROTOR SYSTEM

System K Rotor - Course (18 mm)

System K Rotor - Fine (8 mm)

Diamond bits

Pneumatic bit removal tool

Tool holder extractor

Rotor turning device

Ballast kit

POWERTRAIN

Track undercarriage

CE certificate

SERVICE AND MAINTENANCE

Air compressor

Accessory drive system

High pressure washdown

Low pressure washdown

Additional water spray system

Remote Flash

SAFETY AND SECURITY

LED work lighting (fixed, pole mounted, magnetic)

Warning beacon (fixed)

Truck signal lights

Roading Lights

Remote cameras (rear, front, cutting edges)