

# PRODUCT SPECIFICATIONS FOR PM310 WHEEL 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	7.5 km/h
Maximum Milling Speed	33 m/min

## WEIGHTS

Operating Weight	21080 kg
Transport Weight	19468 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>	2 m
<b>Minimum Left Cutting Radius</b>	4.23 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>Hydraulic Tank</b>	59 l
<b>Engine Oil</b>	30 l
<b>Diesel Exhaust Fluid (DEF) Tank</b>	22 l
<b>Fuel Tank</b>	600 l
<b>Cooling System</b>	62 l
<b>Water Spray System Tank</b>	1260 l

## PM310 WHEEL 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·S<sup>SM</sup>)

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 WHEEL 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  
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)