

PRODUCT SPECIFICATIONS FOR PM820



CUTTING SYSTEM

Milling Width	2010 mm
Maximum Milling Depth	330 mm
Rotor Speeds	100 / 109 / 118 rpm
Number of Bits	178

POWER TRAIN

Rated Power	601 kW
Engine	Cat C18 twin-turbo
Maximum Travel Speed	5.9 km/h
Maximum Milling Speed	100 m/min

WEIGHTS

Operating Weight	36130 kg
Transport Weight	32230 kg

DIMENSIONS

Operating Length - Conveyor Up	14.52 m
Operating Width	3.11 m
Height - Canopy	4.05 m
Maximum Truck Clearance	4.86 m
Minimum Right Cutting Radius	2 m

Minimum Left Cutting Radius

2 m

Conveyor Swing

60 degrees from center

Transport Length

12.43 m

Transport Width

2.52 m

Transport Height

3 m

SERVICE REFILL CAPACITIES

Cooling System

104 l

Engine Oil

65 l

Fuel Tank

1108 l

Hydraulic Tank

113 l

Water Spray System Tank

3400 l

PM820 STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

Ground control keypads

Single high-resolution LCD touchscreen display

12-volt power receptacle

CAT CONNECT TECHNOLOGY

Cat Product Link

Cat GRADE

CONVEYOR

Grease tensioner

Material removal boost feature

ROTOR SYSTEM

Automatic plunge-cut

Automatic transition feature

Obstacle jump
Three cutting speeds

POWERTRAIN

Auto engine idle control
High capacity cooling system
Dual propel pumps
Automatic load control

HYDRAULIC SYSTEM

Dual pump hydraulic propel system
Traction control

SERVICE AND MAINTENANCE

Sampling ports for Scheduled Oil Sampling (S·O·SSM)
Power hood
Platform-level engine oil dipsticks
Rotor chamber water spray system
Air compressor
Accessory drive system
3400 L (898 gal) onboard water tank
Side water fill valve

SAFETY AND SECURITY

Platform handrails
Signaling/warning horn
Wide-dispersion LED work lights

PM820 OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Dual high-resolution LCD touchscreen displays
Hydraulically folding canopy with LEDs
Air-ride suspension seats
Windscreens

CAT CONNECT TECHNOLOGY

Inboard ski
Sonic sensor (averaging or string line)
Ground level grade controls and displays

CONVEYOR

Dust abatement system
Remote camera (loading conveyor)

ROTOR SYSTEM

System K Rotor - Course (25 mm)
System K Rotor - Course (18 mm)
System K Rotor - Standard (15 mm)
System K Rotor - Fine (8 mm)
System K Rotor - Micro (6 mm)
System H Rotor - Micro (6x2 mm)
Diamond bits
Bit bucket trays
Pneumatic bit removal tool
Tool holder extractor
Rotor turning device with pendant control

POWERTRAIN

CE certificate

HYDRAULIC SYSTEM

Water tank transfer pump
Fuel transfer pump

SERVICE AND MAINTENANCE

High pressure washdown
Low pressure washdown
Additional spray bars

SAFETY AND SECURITY

Perimeter LED strip lights
Magnetic LED work light
Warning beacon (fixed or magnetic mount)
Truck signal lights
Remote camera (rear, front, magnetic mount)