

# PRODUCT SPECIFICATIONS FOR PM822



## CUTTING SYSTEM

Milling Width	2235 mm
Maximum Milling Depth	330 mm
Rotor Speeds	100 / 109 / 118 rpm
Number of Bits	193

## 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	36700 kg
Transport Weight	32800 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	1.8 m

**Minimum Left Cutting Radius**

2 m

**Conveyor Swing**

60 degrees from center

**Transport Length**

12.43 m

**Transport Width**

2.74 m

**Transport Height**

3 m

## **SERVICE REFILL CAPACITIES**

**Cooling System**

104 l

**Water Spray System Tank**

3400 l

**Hydraulic Tank**

113 l

**Fuel Tank**

1108 l

**Engine Oil**

65 l

## **PM822 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·S<sup>SM</sup>)  
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

## **PM822 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)