



### ENGINE

Model	: PERKINS 1104D-EE44TA
Emission Level	: Stage IIIA / Tier 3 (EU/EPA)
No.Of Cylinders	: 4
Displacement	: 4400 cc
Net Power	: 129 HP (96,5 kW) @2200 rpm
Max torque	: 516 Nm @1400 rpm

### TRANSMISSION

Type	: Direct Drive Powershift (planet gear, Hydraulic-Powered)
Gear	: 6 Forward 6 Reverse Speeds

### DIFFERENTIAL AND FINAL DRIVE

- Double-reduction by spiral bevel and planetary gears with operator controlled hydraulically lock differential.

### CHASSIS

Articulation Angle	: 26°
Construction	: Box type steel plate welded construction

### FRONT AXLE

Oscillation	: 30°
Wheel Leaning	: 20°
Overall Height	: 487 mm

### BRAKES

Service Brakes	: Dual Circuit Air Activated Wet Multiple Discs Acting on 4 Rear Wheels
Parking Brake	: Wet multiple discs in Transmission

### TIRES

- 11.00-20 16PR

### HYDRAULIC SYSTEM

Circuit	: Closed center system with load sensing capability
Pump Type	: Variable displacement piston pump
Capacity	: 146 L/min
Max. Working Pressure	: 172 bar

### BLADE

Type	: Wear resistant steel, with box section reinforcement with hydraulic side shift.
Length	: 3,100 mm
Height	: 530 mm
Max. height from ground	: 430 mm
Max depth from ground	: 410 mm
Blade Turning Angle	: 360°
Max. Bank Cutting Angle	: 90°
Cutting angle	: 36-81 degree

### PERFORMANCE (SPEEDS)

Direction	Gear	Speed (km/h)
Forward	1 st	3.60
	2 nd	6.10
	3 rd	10
	4 th	14.80
	5 th	25.50
	6 th	45
Reverse	1 st	3.60
	2 nd	6.20
	3 rd	10.20
	4 th	15.10
	5 th	26
	6 th	45.40
Minimum Turning Radius	: 10,200 mm	

### SCARIFIER

Type	: 9 Pcs
Digging Depth	: 192 mm

### CABIN

Certification	: ROPS/FOPS II
Specification	: Air Suspension, Adjustable, Heated Operator Seat with co-operator seat

### WEIGHT

Operating weight	: 12,000 kg
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Operational weight, complying with the ISO 6016 standards, includes full fuel tank, hydraulic system and other liquids, 75kg operator weight and standard equipped machine weight. Optional equipments are not included.

# HMK 230 MG

## GENERAL DIMENSIONS

Overall Length	: 7,602 mm
Overall Wide	: 2,180 mm
Overall height ( to upper end of muffler)	: 2,710 mm
Overall height (to upper face of cab)	: 3,280 mm
Wheel base	: 5,300 mm

## STANDARD DEVICES ATTACHED

- STD Blade (3.1m)
- Lighting Fixture Set
- Hydraulic Type Blade Tip
- Scarifier
- 100 A Standard Alternator
- Wet Multiple Disc Brake on Rear 4 Wheels
- All Steel Construction Totally Closed Cab for 2 Person
- Air Conditioner
- Work Light (for cab)
- Blade Slip Clutch
- Yellow Rotation Light
- Differential (with lock)
- Seat for Sub Operator
- Front Counterweight
- Electronic Front Display
- Resistance Heated Windows
- Radio, MP3 Player
- USB Port
- Operator Walkway on Tandem
- Operator Side Control Panel (Opera)
- Rear View Camera
- Led Work Lamps
- Resistance Heated Adjustable Mirrors
- Emergency Steering System
- Tractable Front Work Lamps
- Protected Transmission with Steel Case

## OPTIONAL ATTACHMENT

- 3.4 m Blade



For product video

## HIDROMEK®

### FACTORY - HEAD OFFICE

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### Notice:

\* HIDROMEK has the right to modify the specifications and design of the model indicated on this brochure without prior notice.

\* The equipment shown in the photos in this catalog includes some parts which are optional.