



ENGINE

Model	: PERKINS 1204F-E44TA
Emission Level	: U.S Tier 4 Final, EU Stage IV
No.Of Cylinders	: 4
Displacement	: 4400 cc
Net Power	: 124 HP (92,6 kW) @2200 rpm
Max torque	: 530 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	: 12,100 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.

MG 230-5

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



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.