



## 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

## FILLING CAPACITIES

Fuel Tank	: 210 L
Engine Crankcase	: 16 L
Transmission	: 23 L
Hydraulic Tank	: 67 L

## BRAKES

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

## HYDRAULIC SYSTEM

Circuit	: Closed center system with load sensing capability
Pump Type	: Variable displacement piston pump
Capacity	: 138,6 L/min
Max. Working Pressure	: 172 bar
Steering pump	: 25 cm³ / rpm

## BLADE

Type	: Wear resistant steel, with box section reinforcement with hydraulic side shift.
Length	: 3,100 mm
Height	: 610 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)

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

## SCARIFIER

Type	: 9 Pcs
Digging Depth	: 192 mm

## TIRES

- 11.00-20 16PR

## 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.

## 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.