



## ENGINE

Model	: Mercedes-Benz OM 926 LA / Stage IIIA / Tier 3 (EU/EPA)
Type	: 4-Stroke, turbocharged, water cooled diesel engine with direct injection and intercooler
No.Of Cylinders	: 6
Displacement	: 7200 cc
Net Power	: 187 HP - 214 HP (140 - 160 kW) @2200 rpm
Max torque	: 1000 Nm @ (1200 - 1600 rpm)

## TRANSMISSION

- Direct drive powershift (planetary gear, electro-hydraulic drive) 8 forward and 8 reverse gears.

## DIFFERENTIAL AND FINAL DRIVE

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

## FRONT AXLE

Oscillation	: 15° Left or Right (Total 30°)
Wheel lean	: 20° Left or Right (Total 40°)
Ground Clearance	: 595 mm

## FILLING CAPACITIES

Fuel Tank	: 273 L
Engine Crankcase	: 29,5 L
Transmission	: 38 L
Hydraulic Tank	: 80 L

## BRAKES

Service Brakes	: Air-actuated, multi disc oil cooled on all four rear wheels
Parking Brake	: Spring-engaged, air disengaged multi disc oil cooled on T/M output shaft

## TIRES

- 14,00-24-16 PR (G-2)

## HYDRAULIC SYSTEM

Circuit	: Closed-center system, with load sensing using electro-hydraulic valve.
Oil pump	: Variable-displacement piston pump
Capacity	: 187 L/min
Max. Working Pressure	: 172 bar
Steering Circuit	: 25 cm <sup>3</sup> /rev

## BLADE

Type	: Wear resistant steel, with box section reinforcement with hydraulic side shift.
Length x Height x Thickness	: 3710 mm x 610 mm x 19 mm
Max. Blade Lift Above Ground	: 525 mm
Circle turning angle	: 360°
Max. Bank Cutting Angle	: 90°
Cutting angle	: 39° to 85°

## PERFORMANCE (SPEEDS)

Forward	1 st	4	km/h
	2 nd	5,4	km/h
	3 rd	8,2	km/h
	4 th	11,2	km/h
	5 th	16	km/h
	6 th	21,6	km/h
	7 th	32,9	km/h
	8 th	45,2	km/h
Reverse	1 st	3,7	km/h
	2 nd	5,0	km/h
	3 rd	7,6	km/h
	4 th	10,5	km/h
	5 th	15	km/h
	6 th	20,3	km/h
	7 th	30,9	km/h
	8 th	42,4	km/h
Minimum Turning Radius	: 6,9 m		

## DIMENSIONS

Overall length	: 11106 mm (With front blade and rear ripper)
	: 10188 mm (With front weight and rear ripper)
	: 8944 mm (Without any attachment)
Overall width	: 2440 mm
Overall height	: 3400 mm
Wheelbase	: 6250 mm
Ground Clearance	: 380 mm

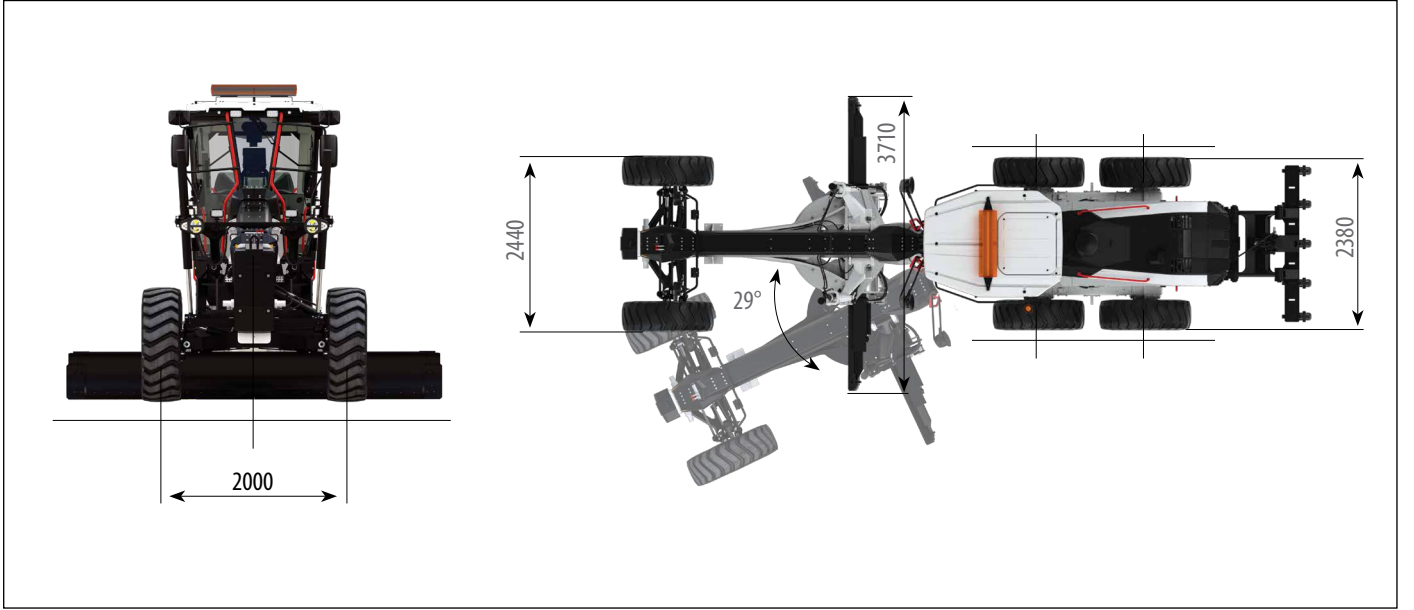
## WEIGHT

Operating weight (with standard equipment)	: 18.470 kg
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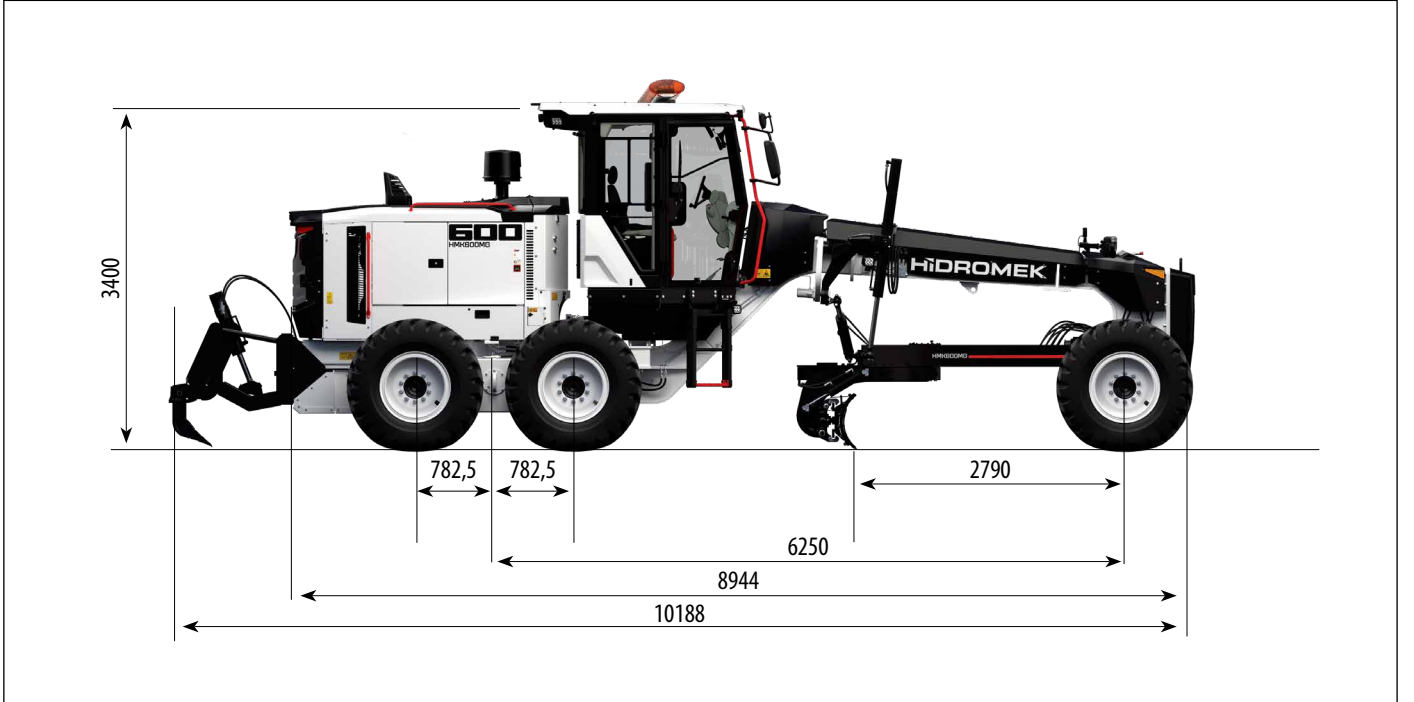
Operational weight, complying with the ISO 6016 standards, includes full fuel tank, hydraulic system and other liquids, 75kg operator weight and standard equipped machine weight. Optional equipments are not included.

## Dimensions (I)

Unit: mm



## Dimensions (II)



# HİDROMEK®

### FACTORY - HEAD OFFICE

Ahi Evran OSB Mahallesi Osmanlı Caddesi No:1 06935 Sincan / ANKARA / TÜRKİYE  
Tel: (+90) 312 267 12 60 Fax: (+90) 312 267 12 39  
[www.hidromek.com](http://www.hidromek.com)

### Notice:

\* HİDROMEK 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.