HMK 600 MG AWD MOTOR GRADER

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The image shown refers to the standard model. It may vary depending on customer selections and preferences.

ENGINE

Model	: Mercedes-Benz OM 936 LA
Type	: D935.915 EU: Stage V
No.Of Cylinders	: 6
Displacement	: 7700 cc
Net Power	: 268 HP (200 kW) @2200 rpm
Max torque	: 1050 Nm @ (1300 - 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 planetery gears with operator controlled hydraulically lock/unlock differential.

6 x 6 TRACTION SYSTEM

- Front axle traction provided by hydraulic motors.
- Engagement and disengagement as required.
- Increased traction force when the front axle is engaged.

FRONT AXLE

Oscillation	: 15° Up and Down (Total 30°)
Wheel lean	: 15° Left or Rigth (Total 30°)
Ground Clearance	: 600 mm

FILLING CAPACITIES

Fuel Tank	: 273 L
Engine Crankcase	: 29,5 L
Transmission	: 38 L
Hydraulic Tank	: 91 L
Ad Blue	: 25 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

HYDRAULIC SYSTEM

Circuit	: Closed-center system, with load sensing using electro-hydraulic valve.
Oil pump	: Variable-displacement piston pump
Capacity	: 198 L/min
Max. Working Pressure	: 172 bar

RAULIC SYSTEM, FRONT AXLE DRIVE

Circuit	: HHydrostatic front wheel drive, closed circuit
Maximum Operating Pressure	: 400 bar

BLADE

Type	: Wear resistant steel, with box section reinforcement with hydraulic side shift.
Length x Height x Thickness	: 3710 mm x 720 mm x 22 mm
Max. Blade Lift Above Ground	: 495 mm
Circle turning angle	: 360°
Max. Bank Cutting Angle	: 90°
Cutting angle	: 43° to 92°

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	42,2	km/h
Minimum Turning Radius	: 6,9 m		

TIRES

- 17.5 R25 16PR

DIMENSIONS

Overall lenght	: 11082 mm (2,7 m With front blade and rear ripper)
	: 10180 mm (With front weight and rear ripper)
	: 9140 mm (Without any attachment)
Overall width	: 2745 mm
Overall height	: 3400 mm
Wheelbase	: 6250 mm
Ground Clearance	: 380 mm
Articulation	: 29°

WEIGHT

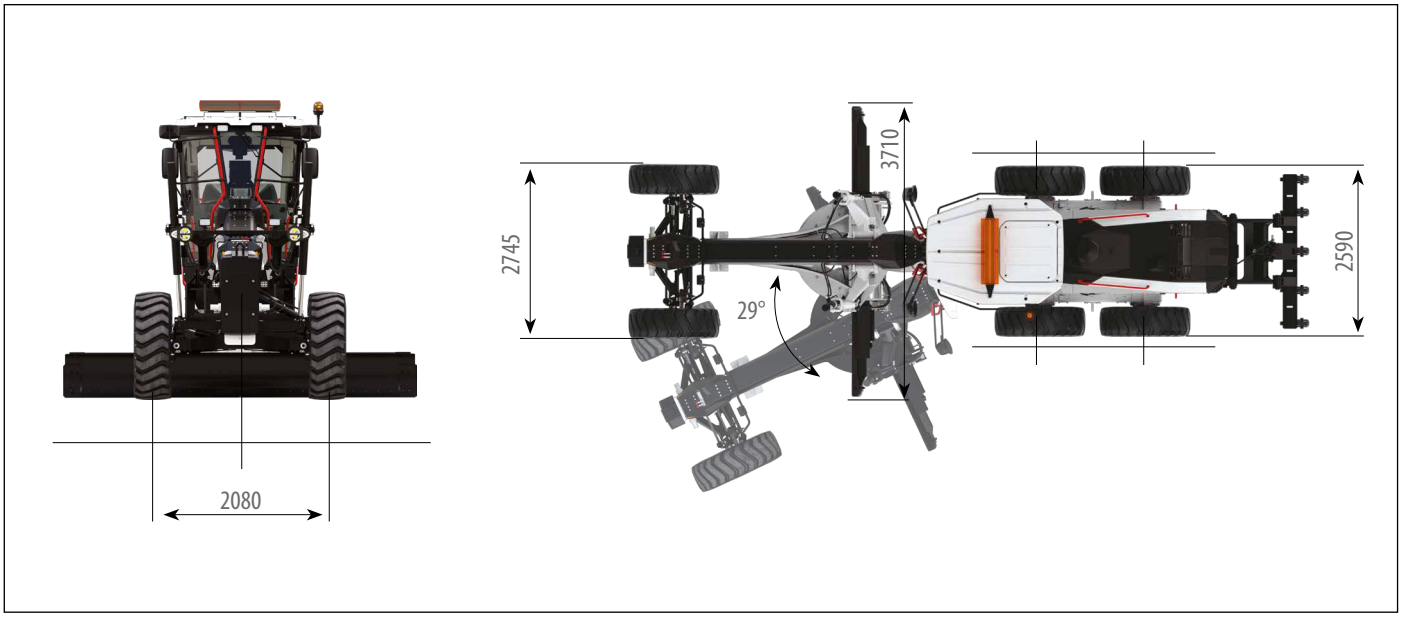
Operating weight (with standard equipment)	: 19.250 kg

* 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 and weight information have a tolerance of ±2.5%.

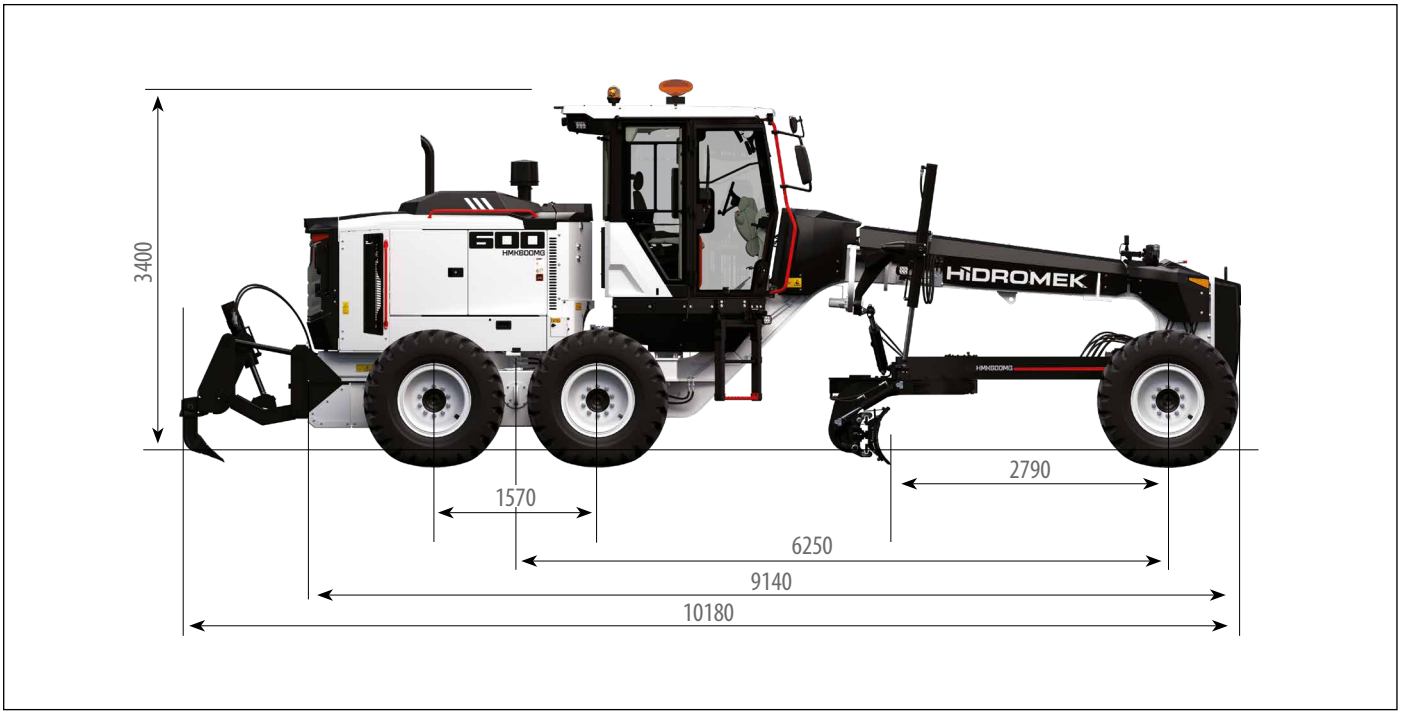
Dimensions (I)

Unit: mm



Dimensions (II)

Unit: mm



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Notice:
* HIDROMEK has the right to modify the specif ications 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.