HMK 600MG MOTOR GRADER

HIDROMEK®

ENGINE

Model	: Mercedes-Benz OM 936 LA
Type	: D935.915 EU: Stage V
No.Of Cylinders	: 6
Displacement	: 7700 cc
Net Power	: 214 HP - 242 HP (160 - 180 kW) @2200 rpm (VHP)
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 planetery gears with operator controlled hydraulically lock/unlock differential.

FRONT AXLE

Oscillation	: 15° Left or Rigth (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	: 80 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

TIRES

- 14.00 - 24.00 - 16 PR

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

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		

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	: 2480 mm
Overall height	: 3400 mm
Wheelbase	: 6250 mm
Ground Clearance	: 380 mm
Articulation	: 29°

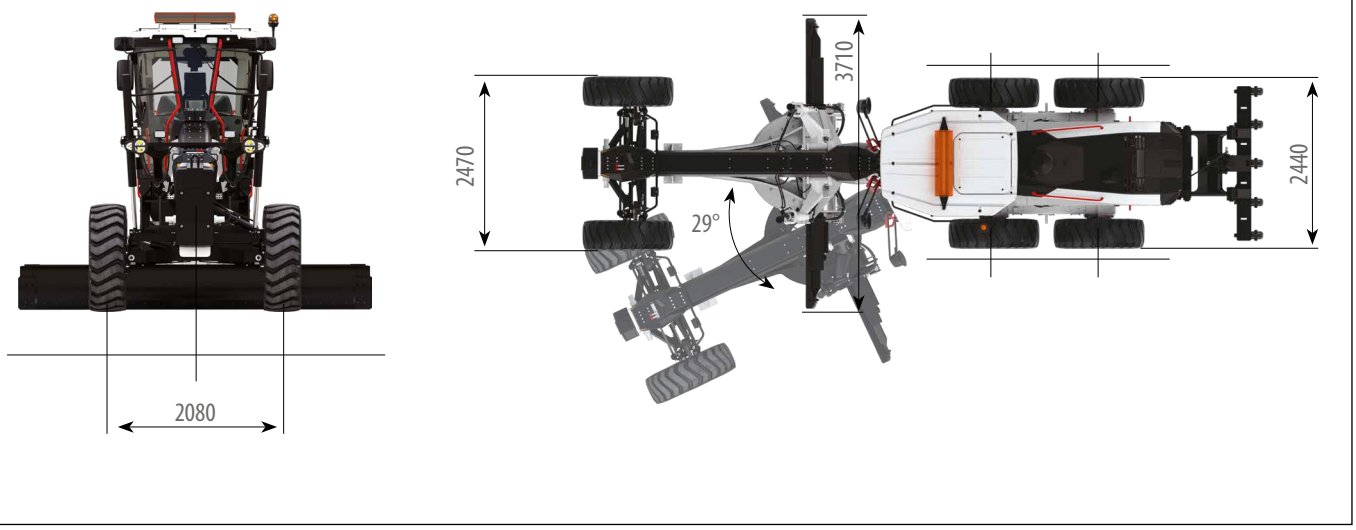
WEIGHT

Operating weight (with standard equipment)	: 18.250 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.

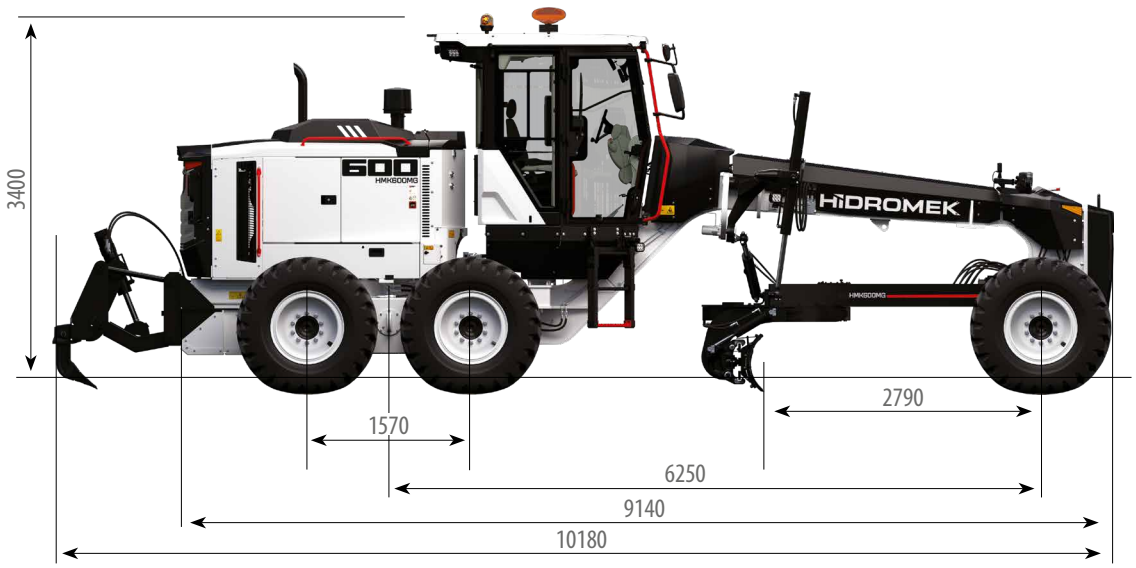
Dimensions (I)

Unit: mm



Dimensions (II)

Unit: mm



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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

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.