



ENGINE

Make	: Mercedes-Benz MTU6R1000
Type	: High power and torque output, water cooled, turbocharged diesel engine.
Number of Cylinders	: 6 in line
Bore & Stroke	: 110 x 135 mm
Displacement	: 7.700 cc
Maximum Power	: 252 HP (188 kW) @ (1500-2000) rpm
Maximum Torque	: 1200 Nm @ (1200 - 1500) rpm
Emission Class	: EU: Stage V

TRANSMISSION

- Autoshift transmission for heavy duty service
- 5 forward, 3 reverse gears
- Torque converter with 2.194:1 stall ratio
- 4 Wheel Drive
- Transmission oil cooler
- Engine start only at the gear lever on neutral position for safety.
- Electronic parking brake

HYDRAULIC SYSTEM

Closed center type hydraulic system with LS type variable displacement piston type pumps.

Pump Flow	: 283 L/min
Pressure	: 270 bar

DRIVING SPEED

1 st gear next	: 5	km/h
2 nd gear next	: 10	km/h
3 rd gear next	: 16	km/h
4 th gear next	: 26	km/h
5 th gear next	: 40	km/h
1 st gear back	: 5	km/h
2 nd gear back	: 10	km/h
3 rd gear back	: 26	km/h

AXLES

- Heavy duty type axles
- Planetary type reduction gears
- Total 26 degrees oscillation on the rear axle
- Equipped with differential lock on the front axle

CAB & HOOD

- Widened visual angle
- Ergonomic & Aesthetic Interior Design
- 8" LCD coloured touchpad display
- Improved Opera Control System
- Externally servicable Air Conditioner system
- Cool-box
- Electro hydraulic control levers
- ROPS and FOPS certificated cab
- 35° tilting cab for maintenance
- Air suspension seat with heating
- TIPSHIFT control on operator console
- Pool type floor mats
- Tablet PC and phone holder
- SmartLink (Optional)
- Storage boxes for operator
- Sun-wisors
- LED working lighths
- Electrically controlled side mirrors with heating
- Rear view camera
- One-piece opening hood, electrically controlled.
- Independently adjustable joystick console and armed

TIRES

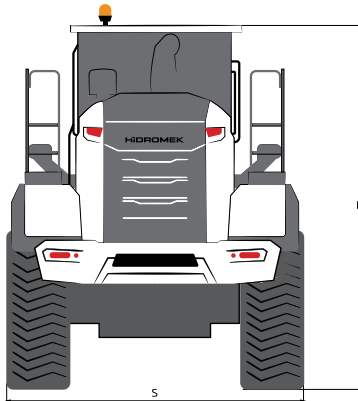
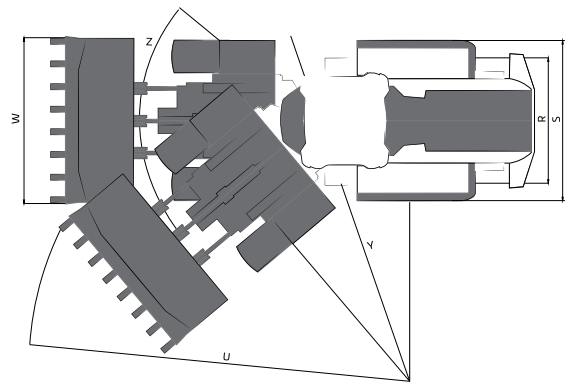
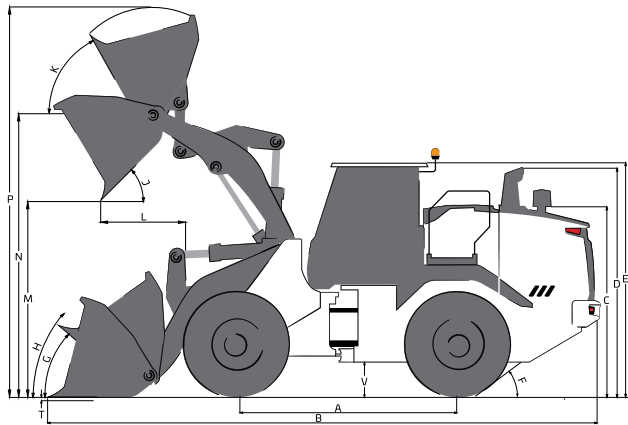
Front / Rear : 23,5 - R25

OPERATING WEIGHT

Standard machine operating weight : 19.200 kg

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

HMK 630 WL



GENERAL DIMENSIONS

A)	Wheelbase	3.300 mm
B)	Total length	8.425 mm
C)	Hood height	2.825 mm
D)	Exhaust pipe height	3.375 mm
E)	ROPS height	3.450 mm
F)	Departure angle	30°
G)	Rack back angle	43°
H)	Max. Rollback(deg.) carry position	48°
J)	Dump angle	47°
K)	Max. Rollback at full height	62°
L)	Dump distance with 26,5R25 L3	1.295 mm
M)	Dump height	2.885 mm
N)	Pin height @ dump	4.200 mm
P)	Overall operating height	5.600 mm
R)	Tread Width	2.200 mm
S)	Width	2.800 mm
T)	Dig Depth	100 mm
U)	Turning radius - bucket	6.700 mm
V)	Ground clearance with 26,5R25 L3	450 mm
W)	Width of bucket	2.975 mm
Y)	Turning radius - Tire outside	6.050 mm
Z)	Turning angle (deg)	80°

PERFORMANCE

Bucket capacity	3,0 m ³
Max. breakout force	15750 kgf
Static tipping load (no tire deflection)	14700 kgf
Static tipping load- articulated (no tire deflection)	13000 kgf

FILLING CAPACITIES

Fuel tank	: 275 L
Hydraulic Tank	: 115 L
Hydraulic System	: 200 L
Engine Cooling System	: 40 L
Engine oil	: 28,5 L
Diesel Engine Fluid (Adblue®)	: 40 L

LINKAGE

- Z-bar
- Auto-lift
- Return to Dig (RTD)
- Auto bucket Kick-out

HYDRAULICS

- Load sensing steering and hydraulics
- Ride Control System (MSS) (Optional)
- Proportional and bi-directional hydrostatic fan
- Emergency steering system
- Easy access to pressure measure mant points

ELECTRICAL AND LIGHTING

- 24V
- Batteries 2 x 12 V, 1200 CCA
- Alternator, 100 A
- LED headlamps (Optional)
- LED stoplights
- Ignition key, start stop switch
- 12 V outlet
- Reverse Alarm
- Main disconnect switch

HIDROMEK®

FACTORY - HEAD OFFICE

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Notice:
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