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PROVEN PRODUCT

PROVEN SERVICES



HD HYUNDAI
CONSTRUCTION EQUIPMENT

HL630L HL635L

Engine

WEICHAH WP6G125 E23

Gross Power

92 kW (123 hp @2.000 rpm)

Operating Weight

10.300 - 10.400 kg

Bucket Capacity

1.7 m³

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ENGINE	
Description	HL630L / 635L
Maker	WEICHAI
Model	WP6G125E23
Emission regulation	Tier II
Power (Gross)	92 kW (123 hp) / 2,000 rpm
Power (Net)	83 kW (111 hp) / 2,000 rpm
Max. torque	500 N·m / 1,700 rpm
Displacement	6.750 ℓ
No. of cylinders	6 EA

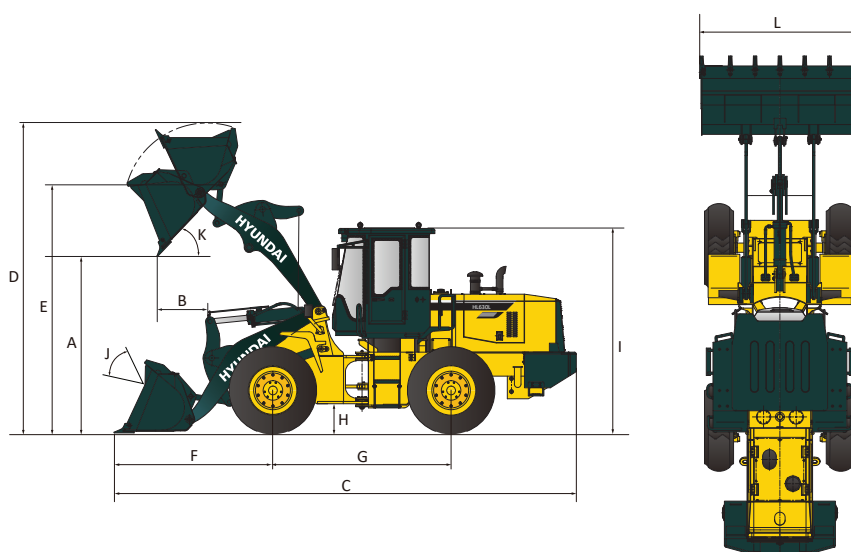
SERVICE REFILL CAPACITIES	
Description	HL630L / 635L
Fuel tank (Refill)	200 ℓ
Hydraulic tank	140 ℓ
Hydraulic system (Including tank)	180 ℓ
Coolant	38 ℓ
Crank case	13 ℓ
Transmission	36 ℓ
Front axle	40 ℓ
Rear axle	40 ℓ

STEERING	
Description	HL630L / 635L
Steering System	Manual / Hydraulic
Pump type	Fixed gear pump
Flow rate	40 lpm
System pressure	122 kgf/cm ² (kPa)
Articulation angle	35°

TRANSMISSION	
Description	HL630L / 635L
Transmission type	Fixed axis power shift
Transmission configuration	4F-2R
Torque converter	3 Element single stage
Tire	17.5-25 L3
Travel speed (F1)	7 km/h
Travel speed (F2)	13 km/h
Travel speed (F3)	24 km/h
Travel speed (F4)	36 km/h
Travel speed (R1)	9 km/h
Travel speed (R2)	29 km/h

HL630L / 635L DIMENSIONS

All dimensions are approximate.



AXLES	
Description	HL630L / 635L
Differential front type	Conventional only
Differential rear type	Conventional only
Rear axle oscillation	±10°

OVERVIEW	
Description	HL630L / 635L
Operating weight	10,300 (10,400) kg
Bucket capacity (Heaped)	1.7 m ³
Bucket capacity (Struck)	1.3 m ³
Breakout force	10,000 (8,850) kgf
Tipping load (Full turn)	6,000 (5,545) kg
Tipping load (Straight)	7,377 (6,800) kg

HYDRAULIC SYSTEM	
Description	HL630L / 635L
Pump type	Fixed gear pump
Flow rate	100 lpm
System pressure	163 kgf/cm ² (kPa)
Cycle time (Lift with load)	5.1 sec
Cycle time (Dump with load)	1.4 sec
Cycle time (Lower)	2.6 sec
Cycle time (Total)	9.1 sec

Description	Standard	Longboom OPT
A Dump clearance at 45° (Full lift)	2,850 mm	3,200 mm
B Reach at 45° (Full lift)	1,000 mm	1,080 mm
C Overall length (Ground)	7,040 mm	7,440 mm
Overall length (Carry)	6,890 mm	7,290 mm
D Overall height (Full raised)	4,864 mm	5,184 mm
E Bucket pivot max. height	3,683 mm	4,056 mm
F Front overhang	2,310 mm	2,710 mm
G Wheel base	2,750 mm	2,750 mm
H Ground clearance	345 mm	345 mm
I Overall height (Cabin)	3,200 mm	3,200 mm
J Rollback angle (Ground)	45°	45°
Rollback angle (Carry)	48°	48°
K Dump angle	45°	45°
L Overall width (with Bucket)	2,460 mm	2,460 mm
Overall width (without Bucket)	2,310 mm	2,310 mm
Clearance circle (Bucket)	12,080 mm	12,440 mm
Turning radius (Center of outside tire)	5,290 mm	5,290 mm



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