

HL630I-V



Operating Weight : 10600 - 11040 Kg
Emission : CEV-V Certified

Gross Power : 133 HP (99 kw) @2200 rpm
Bucket Capacity : 1.7 - 3.0 m³

Payload : 3000 Kg

DESIGNED FOR SMART WORK

OPERATOR COMFORT

- Fully Adjustable Suspension Seat
- Spacious Cabin – 360° View
- High Performance - Air Conditioning
- Sun Visor
- Fan
- Ergonomic Positioned - Switches and Pilot Control
- USB Charger
- Music System
- LED Lights inside cabin
- Ergonomic Hand Rest
- Digital LED Display
- Tilttable Steering **NEW**

SAFETY FEATURES

- ROPS / FOPS Cabin **NEW**
- Openable Cabin Front Guard **NEW**
- Rear View Camera
- Battery Cut-off Switch
- Beacon
- Guard for Lamps
- Articulation Lock
- Steps & Hand Rail
- Large External Mirror

ELECTRICAL SYSTEM

- LED Working Lights
- LED Cabin Lamp
- 5" Digital LCD Display
 - a) Work Status
 - b) Error Code Display
 - c) Warning Indicators
- On Board Diagnostics (OBD)
- Remote Management System **NEW**

INFRA QUARRY S



HL630I-V

A AND SOLUTION



HIGH PERFORMANCE

- 133 HP BSV Compliant Electronic Engine **NEW**
- 630Nm - Higher Torque **NEW**
- 3 Working Mode - L/M/H
- High Fuel Efficiency
- Low Noise
- Z bar linkage with high breakout force
- Faster Cycle Time
- Hydraulic operated pilot with return to dig feature
- Oil Bath Filter **NEW**

PROVEN DRIVELINE SYSTEM

- Transmission
 - Fixed shaft type power shift transmission
 - Proven Quality – High Reliability
 - Simple Design – Easy to Service
- Axle
 - Dry Type* / Wet Type - Option
 - Highly Durable – Suited for long working hours

WIDE RANGE OF BUCKETS

- Suitable for various applications as per customer requirements

Standard		Option		
GP	Rock/HD	GP	Coal	Light Material
1.7	1.8	2.0	2.5	3.0

SIMPLIFIED MAINTENANCE

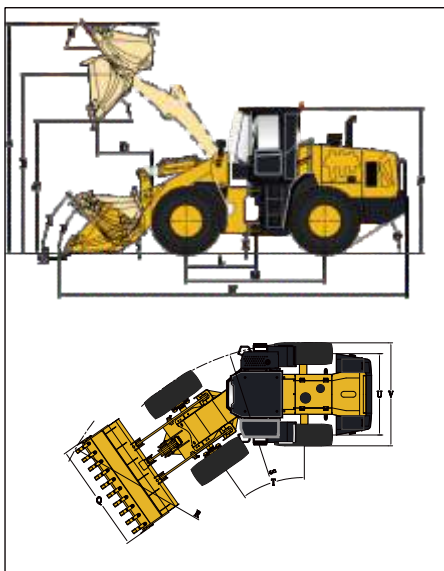
- Large side doors for easy reach to maintenance points
- Display of error codes on instrument cluster
 - faster resolution of any issues
- 24x7 Service and Parts availability through Hyundai authorized dealership
- Openable rear grill **NEW**

(* Standard)

SPECIFICATIONS

DIMENSIONS

All dimensions are approximate, Dimensions may vary with bucket and tire choice, Refer to operating choice



NO.	DESCRIPTION	UNIT	STD Dump	High Dump
A	Overall Height – Bucket Raised	mm	4752	4766
B	Bucket Pin Height at Max. Lift	mm	3725	4064
C	Dump Clearance at Max. Lift (45°)	mm	2905	3250
D	Reach at Max. Lift and 45° Dump	mm	1070	1000
E	Rack Back Angle at Carry	°	46.3	46.6
F	Rack Back Angle at Ground	°	40	40.9
G	Digging Depth	mm	30-40	30-40
H	Rack Back Angle at Max. Lift	°	50.7	47
I	Dump Angle at Max. Lift	°	46.6	45
J	Carry Height	mm	400	400
K	Ground Clearance	mm	355	355
L	Center Line of Front Axle to Hitch	mm	1425	1425
M	Wheel Base	mm	2850	2850
N	Overall Length	mm	7200	7450
O	Departure Angle	°	26	26
P	Height to Top of Cab	mm	3180	3180
Q	Overall Width over Bucket	mm	2500	2430
R	Min. Turning Radius over Bucket	mm	6250	6250
S	Min. Turning Radius over Tires	mm	5695	5695
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	1850	1850
V	Overall Width over Tires	mm	2320	2320

TECHNICAL PARAMETERS

Basic	Bucket Capacity	1.8m³
	Rated Payload	3000kg
	Max Operating Weight	10810 Kg
	Max Traction Force	100 kN
	Breakout Force	98 kN
	L×W×H	7450×2430×3180
Engine	Maker/Model	Weichai /WP4.6NG135E670
	Rated Power	133 HP (99kw) @ 2200 rpm
	Maximum Torque	630Nm/1300-1500rpm
	Bore x Stroke (mm)	105×130mm
	No. of Cylinders /Displacement	4/4.6L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V/105Ah
	Starting Motor	24V/6kW
	Transmission Type	Countershaft Powershift
DRIVE TRAIN	Shift Type	Mechanical Powershift Control
	Pressure of Transmission	1.1-1.5MPa
	Torque Converter Type	Single-stage & turbine, 3-element
	Axles	Rigid (Front)&Oscillating (Rear)
	Rear Axle Oscillation (°)	±10°
	Differential	Conventional
	Main Reducer	Spiral Bevel, 1-stage Reduction
	Final Reducer	Planetary Reduction
	Tire	17.5-25 L-3 12PR TT
	Travel Speed-Forward	7/13/24/39 km/h
BRAKE SYSTEM	Travel Speed-Reverse	8.5/28 km/h
	Service Brake	Single Circuit Caliper, Dry Brake
	Setting Pressure	0.70-0.78MPa
	Parking Brake	Flexible Shaft Controlled
	Emergency Brake	Caliper Brake
STEERING SYSTEM	Type	Hydraulic Load Sensing System
	Pump	176L/min·2200rpm
	System Pressure	14MPa
HYDRAULIC SYSTEM	Cylinder Type	Double Acting
	Steering Angle	±35°
	Type	Joystick Control
	Pump	176L/min·2200rpm
	Control Valve	2 Spool
SERVICE REFILL CAPACITY	System Pressure	19MPa
	Cycle Time (Sec)	9.5
	Fuel Tank (L)	200L
	Hydraulic Tank (L)	165L
	Crankshaft (L)	12L
	Transmission (L)	36L
	Front Axle/Rear Axle (L)	18L/18L

STANDARD CONFIGURATION

WEICHAI BSV ENGINE
Mechanical Power-shift Control
Dry-Type Axle
Joystick Working Control (Single Lever)
Air Actuated Caliper brake
ROPS & FOPS Cabin
Air Condition
Tilttable Steering
Digital LCD Display
Rear View Camera
FAN inside Cabin
Beacon
USB Charger
Sun Visor
RMS (Remote Management System)
Front Cabin Guard
Radio/MP3 Music System
Lockable Oil Tank Cap
Standard Bucket - 1.8 m³ Rock

OPTIONAL CONFIGURATION

High Dump
Oil Bath Air Filter
Radial & Tubeless Tires
3rd Spool for auxiliary Function
Sliding Cabin Window
Wet Drive Axle
GP Bucket - 1.7 m³, 2.0 m³
Coal Bucket - 2.5 m³
Light Material Bucket - 3.0 m³
Bucket - 3 Piece Cutting Edge

SERVICE REFILL CAPACITY

Engine Oil	15 Ltr
Hydraulic Oil	120 Ltr
Transmission Oil	36 Ltr
Axle Oil	37 Ltr
Brake Oil	4 Ltr

HD Construction Equipment India Pvt. Ltd.

Factory Location

Plot No. A-2, M.I.D.C. Chakan, Phase II,
Village: Khalumbre, Taluka: Khed, Dist: Pune-410501
E mail: hyundai.care@theconnectionsindia.com
Toll Free No.: 1800 209 8600

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