

HL665L

With Tier 2 / Stage II Engine Installed

OPERATING WEIGHT: 17,300kg

GROSS POWER : 162KW @ 2,000 rpm

BUCKET CAPACITY: 3.0m³

Max. Speed: 36.0 km/h



HIGH FUEL EFFICIENCY AND PERFORMANCE



Powerful, Fuel Efficient and Energy-saving Engine

Weichai turbocharged engine are built for maximum power, reliability and optimum fuel efficiency. These engines meet the emission standards EPA Tier II, EU Stage II. Weichai WP6(HL665L) engine has power of 162 kW. The Weichai engines provide more energy saving and stronger power.



Reliable and Proven Transmission

Shantui Transmission & Torque convertor (HL665L) is best matching with Weichai WP6 engine. Shantui Transmission & Torque convertor is reliable and easily for operation to suit in all requirements of working situations.



Durable and Sturdy Axle

Feicheng Yunyu durable and sturdy front and rear axle provides running stability, good performance even in poor jobsite conditions, and maximization of the operation capability.

HL665L CATALOG INFORMATION

Specification		Unit	HL665L
Engine	Model	-	V/D10G220E13
	Power	kW	162
Operation Weight		kg	17,300
Bucket Capacity		m ³	2.5-4.5
Rated Operating Load		kg	5,000
Breakout Force		kN	175
Overall Length		mm	7,780
Wheelbase		mm	3,230
		-	35
		mm	7,080x2,990x3,400
Horizontal Pass Radius (Outside of Bucket)		mm	7,050
Minimum Turning Radius (Outside the Tire)		mm	6,550
Dumping Height		mm	3,100
Clearance Range		mm	1,220
Max. Breakout Force		kN	170
Max. Tractive Force		kN	160
Driving Speed	Forward I/III/IV	km/h	11.5/36
	Reverse V/II	km/h	16
Work Device Cycle Time	Raise	sec	≤5.1
	Dump Time	sec	≤1.6
	Float Down Time	sec	≤3.3
	Fastest Total Cycle Time	sec	≤10.0

OPERATOR FRIENDLY DESIGNED CAB



Spacious Cab with Excellent View

Spacious cab designed with ergonomics approach boasts low noise and excellent view, archshaped front window, large rear window & side windows offer wide view in all directions.



Excellent Air Circulation System

Excellent air conditioning and circulation system provide operators with more comfortable working environment.



Storage Spaces with Multiple Functions



Suspension Seat

It can be adjusted to the position optimized for driver's weight and size reducing operator's fatigue.



Centralized Monitoring Panel

Centralized monitoring panel designed with simplicity of ergonomics that shows working conditions and warning lights at a glance.



Air Purification Filter

It effectively filters dusts out of the cab to keep the air clean and fresh.



Customized Operation with Joystic Control



Large Side Mirror

Large side mirror ensures the operator's driving safety.



Specifications

ENGINE

Description	Unit	HL665L
Emission Regulation	-	Tier 2
Model	-	WD10G220E23
Gross Power	hp/rpm	220/2,000
	kV//rpm	162/2,000
Net Power	hp/rpm	198/2,000
	kV//rpm	146/2,000
Peak Torque	N.m/rpm	980/1,200-1,400
Displacement	cc	9,700
Number of Cylinders	-	6
Aspiration	-	Turbocharged

TRANSMISSION

Description	Unit	HL665L
Transmission Type	-	Planetary Hydraulic Shift
Transmission Configuration	-	2f-1r
Torque Converter	-	4 Elements-Single Phase Twin-Turbin
Maximum Travel Speed, fwd	km/h	36
Maximum Travel Speed, rev	km/h	16
Number of Speed, fwd	-	2
Number of Speed, rev	-	1

AXLES

Description	Unit	HL665L
Differential Front Type	-	Conventional Only
Differential Rear Type	-	Conventional Only
Axle Oscillation	°	±10

HYDRAULIC SYSTEM

Description	Unit	HL665L
Main Pump Type	-	Gear
Main Relief Pressure	MPa	16
Raise	sec	≤5.1
Dump Time	sec	≤1.6
Float Down Time	sec	≤3.3
Fastest Total Cycle Time	sec	≤10.0

LOADER PERFORMANCE

Description	Unit	HL665L
Operation Weight	kg	17,300
Rated Load	kg	5,000
Tipping Load	kN	110
Full Turn Tipping Load	kN	100
Bucket Breakout Force	kN	170
Maximum Dump Angle at Full Height	°	45
Dump Clearance at Full Height Discharge	mm	3,100
Dump Reach at Full Height Discharge	mm	1,220
Reference Bucket	m ³	3
Bucket Rollback at Ground Level	°	49
Maximum Hinge Pin Height	mm	4,150

SERVICE CAPACITIES

Description	Unit	HL665L
Fuel Tank	L	290
Engine Oil	L	23
Cooling System	L	53
Hydraulic Reservoir	L	290
Transmission and Torque Converter	L	51
Axles, Each	L	44



CONSTRUCTION SOLUTIONS PVT. LTD.
Thapathali, Kathmandu, Nepal | Tel: +977-1-4100543/44/45
Narayan: 9851095936 | Krishna: 9851111096
Rajendra: 9801143188 | Sunil: 9801142975 Fax: +977-1-4100542
Email: sales@cspl.com.np, info@cspl.com.np
Website: www.hyundaice-nepal.com

Service Center:
Khumaltar, Lalitpur
Tel: +977-1-5548970/71
Mob: 9851111094
Spare Parts: 9851111093

PLEASE CONTACT