

## **HL 807/808/809/812** **HELI Multi-function Skid Steer Loader**

Road maintenance/Garden equipment/Pasture equipment/Snow removal in winter  
/Dock clearance and shipyard push gravel

### **Reliability**

- Imported dual pumps, motors, and chains ensure high reliability of core components.
- Adopting parallel radiators, the rear layout has good heat dissipation effect, reliable hydraulic system, and long service life.
- Adopting an integral frame for better strength.
- High safety standard roll over prevention(ROPS) and falling object prevention(FOPS) cab.

### **Performance**

- Adopting a dual pump and engine direct connection method to ensure advanced and efficient transmission output.
- Smaller overall width and height, suitable for working in narrow spaces.

### **Comfortable**

- Adopting hand foot linkage throttle, the hand throttle is a fixed throttle used in constant high-power output situations such as crushing hammers and milling machines. The foot throttle is used in shovel loading situations for smooth driving.
- Adopting a simple and fast quick replacement device, it is convenient to replace various attachments.
- The control methods of the work system and walking system are accord with world operating habits.

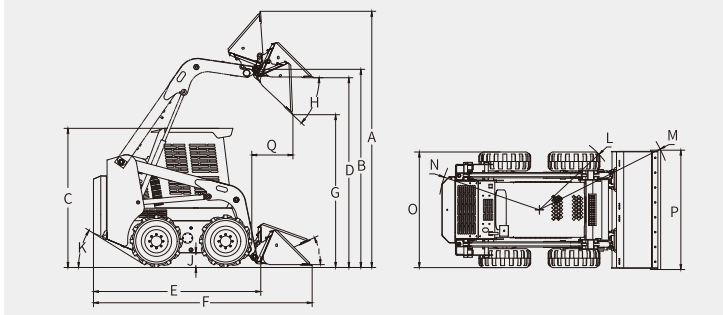
### **Maintenance**

- The chain box is arranged on both sides, making it convenient to adjust the chain and easy to maintenance.
- The cab can be flipped up or forward, saving time and effort in maintenance.



Technical Specification			HL807	HL808	HL809	HL812
1	Engine Model		Quanchai QC490GP	Quanchai QC498G	Quanchai QC498G	Quanchai 4C6-88C33
2	Emission		China Stage II	China Stage II	China Stage II	China Stage III
3	Rated Power	KW	39	45	45	65
4	Rotating Speed	rpm	2650	2650	2650	2200
5	MaxSpeed	km/h	12	11.2	11.2	11.2/22.4
6	Tubeless Tire		10-16.5	10-16.5	12-16.5	12-16.5
7	Operating Load	kg	730	830	930	1200
8	Max.Loading	kg	1460	1660	1860	2400
9	Lifting Type		Radial	Radial	Radial	Radial
10	Total Cycling Time	s	10.2	10.2	10.2	9
11	Bucket Capacity	m <sup>3</sup>	0.47	0.47	0.51	0.53
12	Pressure OfWorking System	bar	180	180	180	235
13	Rated Flux	L/min	80	80	80	74
14	High Flow Flux	L/min	/	/	/	136
15	FuelTank Capacity	L	79	79	79	106
16	Self-weight With Bucket	kg	2850	2980	3230	3970
Dimensions			HL807	HL808	HL809	HL812
A	Overall Operating Height	mm	3897	3897	3857	4143
B	Height To Bucket Hinge Pin	mm	2982	2982	2982	3205
C	Height To Top Of Cab	mm	2090	2090	2090	2065
D	Height To Bottom Of Level Bucket	mm	2855	2855	2855	3010
E	Overall Length Without Bucket	mm	2536	2536	2536	2857
F	Overall Length With Bucket	mm	3352	3352	3302	3649
G	Dumping Height	mm	2266	2266	2298	2460
H	Maximum height unloading angle	°	43	43	43	40
I	Rollback Of Bucket On Ground	°	25	25	25	30
J	Ground Clearance	mm	210	210	200	195
K	Angle Of Departure	°	30	30	32	26
L	Front Turning Radius without Bucket	mm	1252	1252	1290	1338
M	Front Turning Radius	mm	2052	2052	2036	2174
N	Rear Turning Radius	mm	1516	1516	1516	1746
O	Width	mm	1730	1730	1818	1798
P	Bucket Width	mm	1800	1800	1880	1910
Q	Dumping Reach	mm	662	662	601	590

## Operation Type



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HL807、HL808、HL809' s left handle controls the left tire and the working arm, and the right handle controls the right tire and the bucket, pedal controls the attachment function.1200's left handle controls the walk of the machine, and the right handle controls the working arm and the bucket, and the switch controls the attachment function.HL812 model has a large flow rate and is suitable for work scenarios such as planing and milling.

## Optional Configuration

Optional Engine	HL 807/808/809	Quaichai QC490G(39KW,only HL807), Quaichai QC498(45KW), ISUZU 4JG2PE-01(46KW), YANMAR 4TNV94L(35.5KW), YANMAR 4TNE98-BQFLC(43KW)
	HL 812	Quaichai 4C6(65KW), YANMAR 4TNV98T-ZCNTYBC (61.3KW)
Optional Air Filter	HL 807/808/809	Standard Air Filter, Donaldson 3-stage Air Filter, Air Filter+Prefilter
	HL 812	Donaldson 3-stage Air Filter
Optional Air-conditioner	HL 807/808/809/812	Cool Air-conditioner, Heater,Cooland Heat Air-conditioner
Optional Tire	HL 807/808	Ground-grip Tubeless Tire 10-16.5, Small Pattern Pneumatic Tire 10-16.5, Forklift 250-15 Solid Tire, With Steel Track
	HL 809/812	Ground-grip Tubeless Tire 12-16.5, Small Pattern Pneumatic Tire 12-16.5, With Steel Track
Optional Fuel System	HL 807/808/809/812	Antifreezing Fuel System for Cold Region

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