

Go anywhere, do anything compact performance

**Compact dimensions allow the H180 to access restricted
farm buildings and other sites**

Hydrostatic transmission makes it easy for anyone to operate

28kW (37.5hp) engine gives lively performance

**Individual wheel motors give excellent ground clearance
and eliminate vulnerable propshafts**

**Reliability, durability and low maintenance make the
H180 an excellent investment**



The HERALCES H180 competes in the under-50hp compact loading shovel sector. And as you would expect from a HERALCES machine, it raises the bar.

This compact, manoeuvrable and extremely useful little machine features a lively engine for fast performance, with a 20kph maximum speed. The 0.3 cubic metre shovel and 2180mm dump height will have loads shifted in no time, while the H180's ability to nip in and out of restricted poultry and livestock sheds and around busy landscaping, merchant and garden centre sites makes it absolutely indispensable.

One of the key things customers look for in this size of machine is ease of operation. Thanks to the hydrostatic drive, anyone can get to grips with the H180 in a matter of minutes. With individual hydraulic motors on each wheel, so the H180 gives you excellent ground clearance and protection against picking up baling twine, metal banding or straw. Plus the H180 is reliable, durable (for good resale, if you can part with it), economical to run and requires very little maintenance.

All in all, an incredible all-rounder with a wealth of potential uses.

Such a small machine... so much potential

The compact H180 can tackle numerous applications in diverse situations, getting the job done quickly, efficiently and economically.

Agricultural users will find the machine's ability to fit into the eaves of poultry sheds and access even the most restricted livestock sheds and farm buildings invaluable.

Rental and construction users will again appreciate the compact manoeuvrability, along with real integral strength which allows the H180 to cope with the rigours of the toughest environments. Even landscaping and grounds care applications are tackled by the H180 with ease.

Add a large selection of attachments – such as shovels, pallet forks or muck fork and grab – and you have a truly versatile machine you can really count on.



ENGINE		
Make		Heracles(Kohler)
Model		3TNV88 / KDW1603CHD
Capacity	litres	1.649
Bore	mm	88
Stroke	mm	90.4
Aspiration		Natural
Cylinders		3
Engine output @ 2800rpm	kW (hp)	18.9(24.5hp)
Gross torque rating @ 1600rpm	Nm	104

TRANSMISSION		
Type		Hydrostatic
System pump type		Variable displacement piston
Drive type		Independent wheel motors
Chassis angle oscillation	degrees	7.5 each way
Travel Speed	kph	20

LOADER HYDRAULICS		
Pump type		Gear
Pump maximum flow	l/min	42
Pump maximum pressure	bar	200
Hydraulic cycle times at engine revs		seconds
Arms raise (full bucket)		3
Bucket dump (full bucket)		0.5
Arms lower (empty bucket)		3
Total cycle		7

SERVICE FILL CAPACITIES		
Hydraulic and transmission system	litres	40
Fuel tank	litres	45
Engine oil sump	litres	7.1

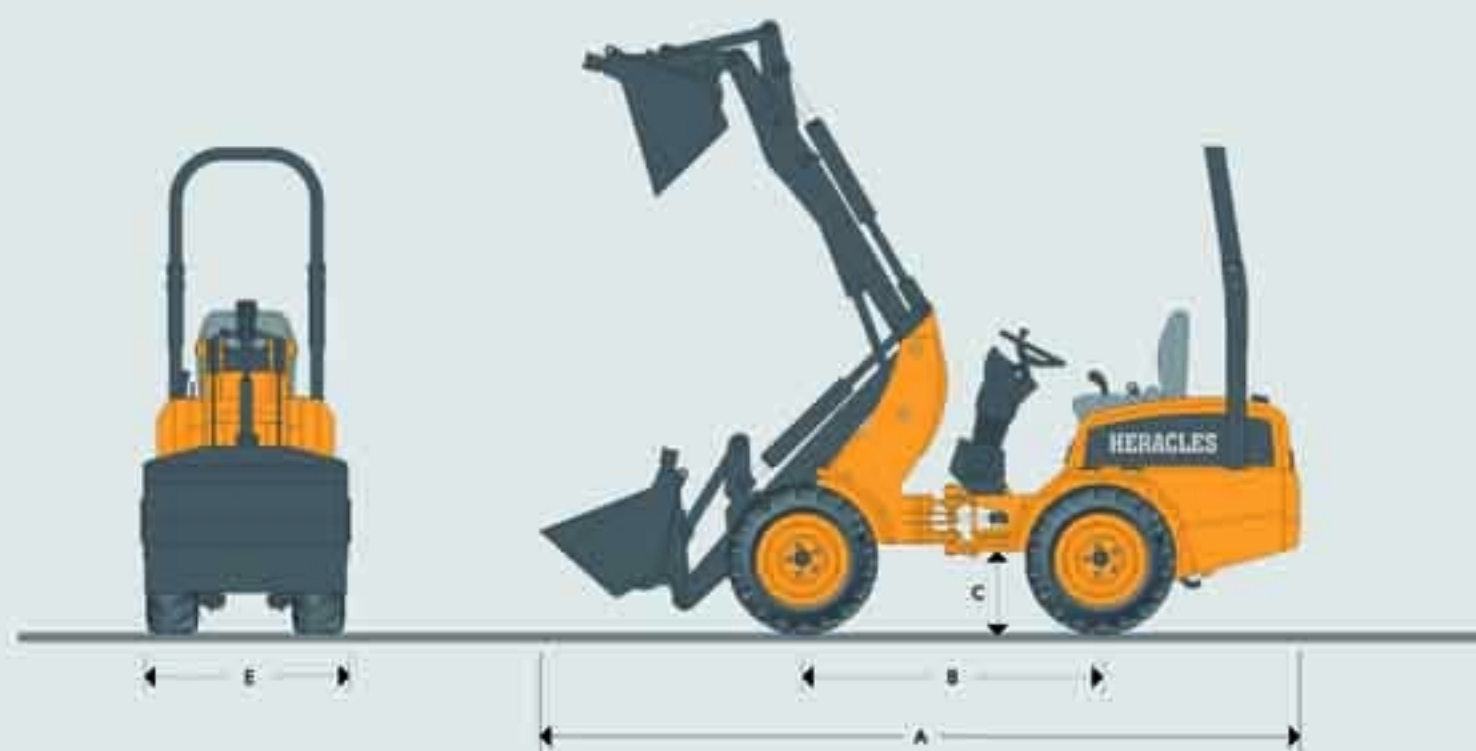
ELECTRICAL OUTPUT		
System voltage	volts	12
Alternator output	Ah	65
Battery capacity	Ah	60

STANDARD EQUIPMENT		
ROPS Frame and FOPS		Ag tyres 10.0/75 – 15.3
Standard loader arms		Front chassis counterweight
Wheel spacers		Lockable down joystick

OPTIONAL EQUIPMENT		
Worklights		Long loader arms
Shovels		Pallet forks
Muck fork and grab		Hitches
Auxiliary hydraulics		Wide agri tyres 31x15.5x15
Trailer/truck tread tyres		Wide fenders
Canopy		Limited slip differential
Road lights		



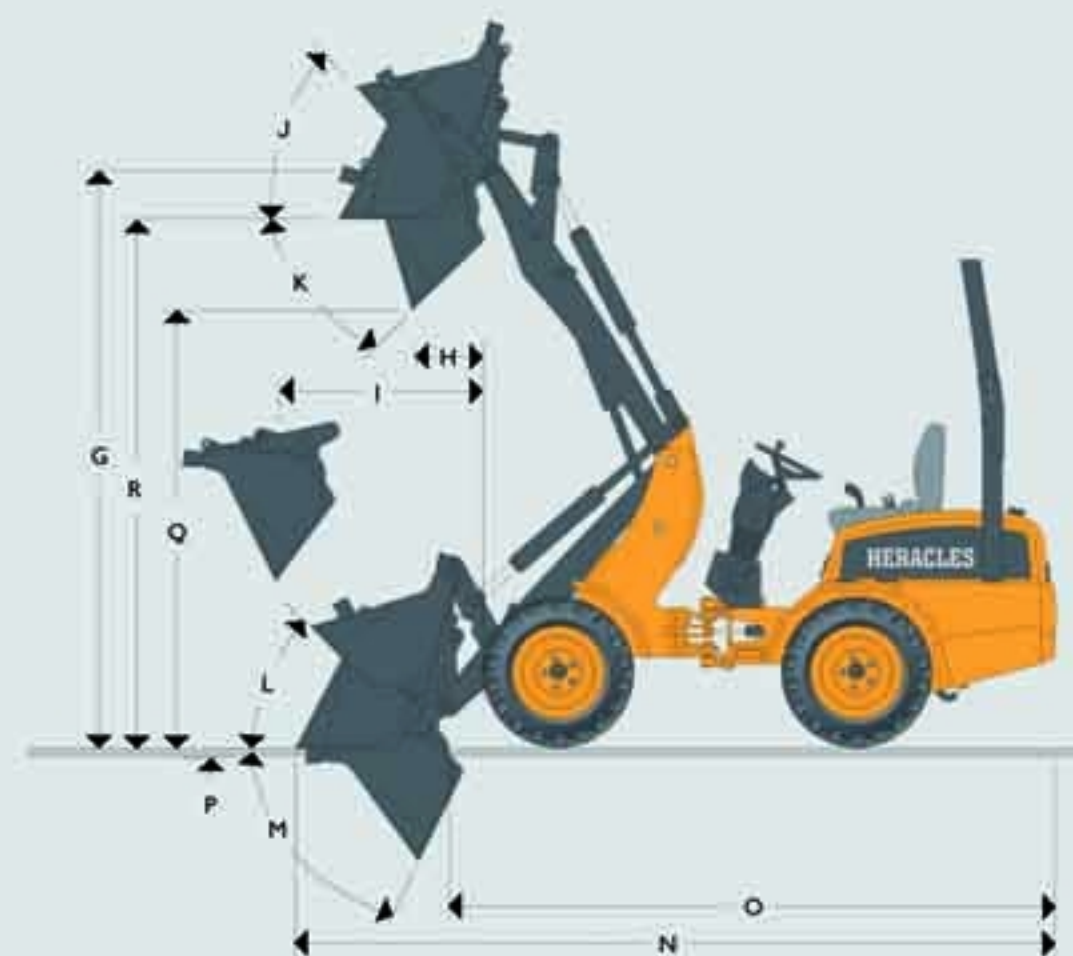
STATIC DIMENSIONS



			Standard Wheels	Narrow Wheels	Wide Wheels
A	Overall length with standard shovel	mm	3959	3959	3959
B	Wheel base	mm	1540	1540	1540
C	Minimum ground clearance	mm	200	200	200
D	Height over ROPS frame	mm	2499	2499	2499
	Height over ROPS frame (folded)	mm	1906	1906	1906
E	Maximum shovel width	mm	1180	1111	1280
F	Wheel track	mm	872	772	877
	Front axle weight	kg	846	831	870
	Rear axle weight	kg	1269	1247	1285
	Operating weight (including standard shovel) no operator	kg	2115	2078	2155
	Inside turn radius	mm	1121	1171	1061
	Maximum turn radius over shovel	mm	2691	2649	2735
	Maximum turn radius over tyres	mm	2257	2207	2318
	Articulation angle	degrees	49	53	49
	Maximum width across tyres	mm	1136	1036	1257

QINGDAO HERACLES MACHINERY MANUFACTURING CO., LTD
Dazeshan Industrial Zone, Pingdu, Qingdao, China
TEL: +86 13969734360
Email: sales@heraclesloaders.com
www.heraclesloaders.com

LOADER DIMENSIONS



		Standard arm	Long arm
	Loader type	Double arm	Double arm
	Geometry	Parallel	Parallel
	Tyre size	10.0/75-15.3	10.0/75-15.3
	Shovel mounting	Mechanical quickhitch	Mechanical quickhitch
	Shovel type – standard	General purpose	General purpose
	Capacity heaped – standard	m ³	0.3
	Shovel breakout force **	kN	20.5
	Turn radius over shovel	mm	2690
	Tipping load straight	kg	1261
	Full turn tipping load *	kg	838
G	Hinge pin height	mm	2900
H	Reach at max height at 45° dump	mm	385
I	Max reach at 45° dump	mm	1132
J	Roll back at full height	degrees	54
K	Dump angle at full height	degrees	45
L	Roll back at carry	degrees	51
M	Dump at minimum height	degrees	80
N	Total length (shovel flat on the ground)	mm	4030
O	Length to loader pin	mm	3259
P	Digging depth	mm	94
Q	Dump height	mm	2167
R	Load over height	mm	2634

* In accordance with ISO Standard 14397-1 (machine with narrow wheels and 53° steer angle)

** In accordance with ISO Standard 14397-2