

G LOBAL SALES NETWORK



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2008

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2014 VERSION 1/ COPYRIGHT 2014/04

J Series
2.0 / 4.0 / 6.0 T
Electric Tow Tractor



HANGCHA GROUP CO., LTD.

STABILITY

Battery is dropped down to the lowest part of frame .This gives tow tractor excellent stability because low centre of gravity.

COMFORT

Low noise, low shake, energy efficient.

Lower step and capacious room will be much appreciated by operators who have to get on and off tow tractor.

Ergonomically designed switch, instrument, pedal .Adjustable seat and steering wheel ensure maximum operator comfort and minimum fatigue.

Operator can control rear towing coupling from optional towing coupling control equipment .

Exchange battery easily from optional dolly for side-exchange battery .



Front double-tyre



Ergonomically designed combined switch, instrument



Lower step and capacious room



A large battery cover hood

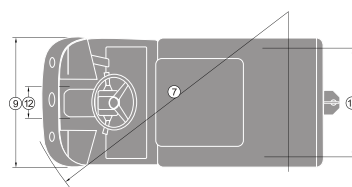
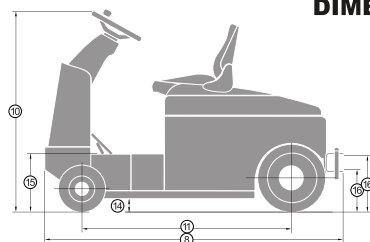


AC power system



Small dimension and round shape

DIMENSIONS



PERFORMANCE

Multiple benefits of the AC Power System include: fast response to operating commands, precise power control, regenerative system.

Economy of operation, resulting from minimized maintenance costs,e.g. Fully enclosed 3 phase AC asynchronous motor with high degree of efficiency maintenance free for life .

A high number of work cycles can be obtained from each battery charge due to the efficiency of this system of energy control.

System is fully adjustable to suit the load, the working area and the operator . Inbuilt diagnostics record intermittent faults and service requirements reducing expensive service time.

MAINTAINABILITY

You can open and close the battery cover hood for daily checkup the battery, motor and controller. It's easy to access inner of battery cover for maintenance.

J series 2.0 ~ 6.0t electric tow tractor specification:

Specification	Manufacturer		HANGCHA					
	Model		QDD2-C1/D2	QDD2-C1S/D2S	QDD4-C1/D2	QDD4-C1S/D2S	QDD6-C1/D2	QDD6-C1S/D2S
	Operation		Seated	Stand-on	Seated	Stand-on	Seated	Stand-on
Performance	1 Towed load capacity	Kg	2000		4000		6000	
	2 Rated drawbar pull	Kg	50		100		150	
	3 Max. Drawbar pull	Kg	200		400		450	
	4 Travel speed with rated load	Km/h	6	6	6	6	6	6
	5 Travel speed without load	Km/h	13	13	13	13	13	13
	6 Gradeability without load	%	25	25	25	25	25	25
	7 Turning radius	mm	1600	1600	1760	1760	1760	1760
Dimensions	8 Overall length	mm	1690	1690	1845	1845	1845	1845
	9 Width	mm	800	800	800	800	800	800
	10 Height	mm	1236	1206	1236	1206	1236	1206
	11 Wheel base	mm	1140	1140	1295	1295	1295	1295
	12 Thread	Front	mm	/	200	200	200	200
		Rear	mm	670	670	670	670	670
	14 Ground clearance	mm	80	80	80	80	80	80
Type	15 Soleplate height	mm	360	200	360	200	360	200
	16 Towing coupling height	mm	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348
	17 Service weight	Kg	780	780	900	900	980	980
	18 Front wheels / number		3.50 - 5 / 1	3.50 - 5 / 1	3.50 - 5 / 2	3.50 - 5 / 2	3.50 - 5 / 2	3.50 - 5 / 2
	19 Rear wheels / number		4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2
Drive	20 Battery	Standard	A.H	165	165	210	210	275
		Optional		210	210	275	275	350
	21 Voltage	V	48	48	48	48	48	48
	22 Motor	KW	AC 1.95	AC 1.95	AC 4.28	AC 4.28	AC 4.28	AC 4.28
	23 Controller Mode		Curtis AC / Kollmorgen AC	Curtis AC / Kollmorgen AC	Curtis AC / Kollmorgen AC	Curtis AC / Kollmorgen AC	Curtis AC / Kollmorgen AC	Curtis AC / Kollmorgen AC

J series 2.0 ~ 6.0t electric tow tractor performance: (5 Min start on slope)

Surface Condition (Dry Even Concrete)		MODEL	QDD2-C1/C1S/D2/D2S	QDD4-C1/C1S/D2/D2S	QDD6-C1/C1S/D2/D2S
Level Road			2000	4000	6000
Grade (Degrees)	1°		1700	3800	4200
	2°		1300	3000	3400
	3°		1000	2500	2800
	4°		800	2100	2300

Specifications are subject to change without notice.



Standard

- Front headlight
- Rear combined lamp
- Electrical horn
- Emergency disconnect switch
- Pneumatic tyre
- Front double-tyre (4-6 ton)
- Safety pedal (stand-on)
- AC power system
- Standard battery
- Multi-function LCD display
- Toolbox

Optional

- Solid tyre
- High capacity battery
- Suspension seat
- Battery charger
- Towing coupling height
- Front double-tyre (2 ton)
- Towing coupling control equipment
- Dolly for side-exchange battery
- Mirror