



HANGCHA
FORKLIFT TRUCK



Series

2.0 / 4.0 / 6.0 T
Electric Tow Tractor



浙江杭叉工程机械股份有限公司
ZHEJIANG HANGCHA ENGINEERING MACHINERY 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 .

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.



Front double-tyre



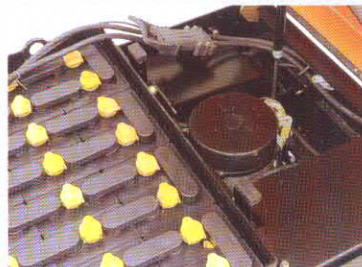
Ergonomically designed combined switch, instrument



Lower step and capacious room



A large battery cover hood




AC power system

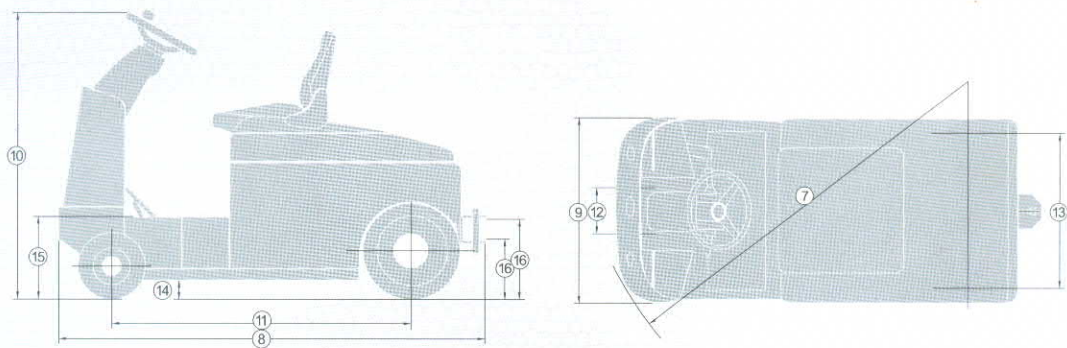


Small dimension and round shape

J series 2.0 ~ 6.0t electric tow tractor specification:

Specification	Manufacture														
	Model			QDD2 - C1		QDD2 - C1S		QDD4 - C1		QDD4 - C1S		QDD6 - C1		QDD6 - C1S	
	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	6				
	5	Travel speed without load		Km/h	13	13	13	13	13	13	13				
	6	Gradeability without load		%	25	25	25	25	25	25	25				
	7	Turning radius		mm	1600	1600	1760	1760	1760	1760	1760				
Dimensions	8	Overall length		mm	1690	1690	1845	1845	1845	1845	1845				
	9	Width		mm	800	800	800	800	800	800	800				
	10	Height		mm	1236	1206	1236	1206	1236	1206	1236				
	11	Wheel base		mm	1140	1140	1295	1295	1295	1295	1295				
	12	Thread	Front	mm	/	/	200	200	200	200	200				
	Rear		mm	670	670	670	670	670	670	670					
	14	Ground clearance		mm	80	80	80	80	80	80	80				
	15	Soleplate height		mm	360	200	360	200	360	200	360				
16	Towing coupling height		mm	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348					
17	Service weight		Kg	780	780	900	900	980	980	980					
Tyre	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	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	4.0 - 8 / 2				
Drive	20	Battery	Standard	A.H	165	165	210	210	275	275					
	Optional		210		210	275	275	350	350						
	21	Voltage		V	48	48	48	48	48	48					
	22	Motor		KW	AC 2.0	AC 2.0	AC 4.28	AC 4.28	AC 4.28	AC 4.28					

DIMENSIONS



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

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

J Series

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Electric Tow Tractor



CE CERTIFICATE



ISO14001: 2004



ISO9001: 2000

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
- Rearview mirror
- Battery charger
- Towing coupling height
- Front double-tyre (2 ton)
- Alarm lamp
- Towing coupling control equipment
- Dolly for side-exchange battery



ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.
(ZHEJIANG HANGCHA IMP. & EXP. CO.,LTD.)

www.hcforklift.com

Add: 398 Shi Qiao Road. Hangzhou 310022, P.R.China
Tel: +86-571-88135110 88126376 88135220 88125527 88130499(Ext. 8116, 8206, 8200)
Fax: +86-571-88132890 88126379
E-mail: sales@hcforklift.com



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