

J Series

2.0/4.0/6.0 T
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



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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.

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		
	5	Travel speed without load	Km/h		13		13		13		
	6	Gradeability without load	%		25		25		25		
	7	Turning radius	mm		1600		1760		1760		
Dimensions	8	Overall length	mm		1690		1845		1845		
	9	Width	mm		800		800		800		
	10	Height	mm		1236		1206		1236		
	11	Wheel base	mm		1140		1295		1295		
	12	Thread	Front	mm		/		200		200	
	13		Rear	mm		670		670		670	
	14	Ground clearance	mm		80		80		80		
	15	Soleplate height	mm		360		200		360		
	16	Towing coupling height	mm		262 - 348		262 - 348		262 - 348		
	17	Service weight	Kg		780		900		980		
Tyre	18	Front wheels / number			3.50 - 5 / 1		3.50 - 5 / 2		3.50 - 5 / 2		
	19	Rear wheels / number			4.0 - 8 / 2		4.0 - 8 / 2		4.0 - 8 / 2		
Drive	20	Battery	Standard	A.H		165		210		275	
			Optional			210		275		350	
	21	Voltage	V		48		48		48		
22	Motor	KW		AC 2.0		AC 2.0		AC 4.28		AC 4.28	



Front double-tyre

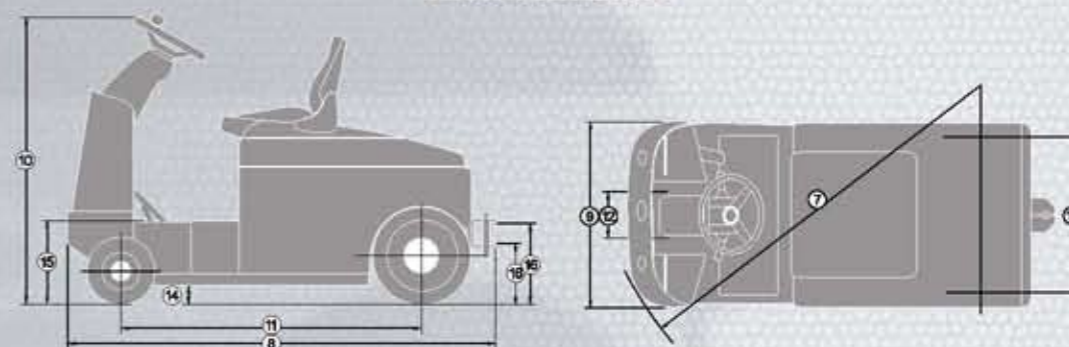


Ergonomically designed combined switch, instrument



Lower step and capacious room

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
Grade (Degrees)	1°	1700	3800	4200
	2°	1300	3000	3400
	3°	1000	2500	2800
	4°	800	2100	2300



A large battery cover hood



AC power system



Small dimension and round shape