



J Series
2.0 / 4.0 / 6.0T
Electric Tow Tractor



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Stability

The battery is housed in the lowest part of the frame providing excellent stability.

Performance

The AC Power System has multiple benefits including fast response to operator commands, precise power control and a regenerative system.

Economy of operation resulting from reduced maintenance costs e.g. efficient, fully enclosed 3 phase AC asynchronous motor maintenance free for life.

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

The system is fully adjustable to suit the load, the working area and the operator. In built diagnostics record intermittent faults and service requirements reducing expensive service time.

Comfort

Energy efficient, reduced noise levels and minimal vibration.

The low step provides easy access on and off the tow truck with the adjustable seat and steering wheel offering maximum comfort to the operator.

The rear towing coupling can be controlled by the operator using the optional towing coupling control equipment.

The side exchange battery can be changed easily using the dolly which is optional.

Maintainability

The battery, motor and controller can be accessed by opening the battery cover hood making the daily checkups easier and quicker.



Front double tyre



Ergonomically designed combined switch, instrument



Lower step and very spacious



Large battery cover hood



AC power system



Roundly shaped with small dimensions

Options

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

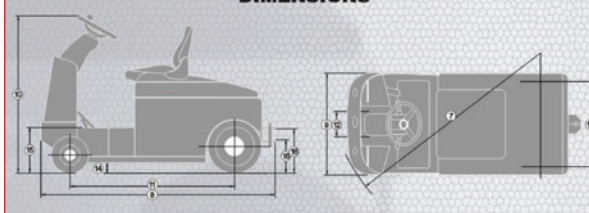
Standard

- 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

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		190		
	3 Max. Drawbar pull	Kg 200		400		480		
	4 Travel speed with rated load	Kmh 6	6	6	6	6	6	
	5 Travel speed without load	Kmh 13	13	13	13	13	13	
	6 Gradeability without load	% 25	25	25	25	25	25	
Dimensions	7 Turning radius	mm 1600	1900	1700	1700	1700	1700	
	8 Overall length	mm 1690	1690	1545	1545	1545	1545	
	9 Width	mm 800	800	800	800	800	800	
	10 Helght	mm 1236	1236	1236	1236	1236	1236	
	11 Wheel base	mm 1140	1140	1205	1205	1205	1205	
	12 Thread	Front	mm /	/	200	200	200	200
		Rear	mm 670	670	670	670	670	670
	14 Ground clearance	mm 80	80	80	80	80	80	
	15 Soleplate height	mm 390	390	390	390	390	390	
	16 Towing coupling height	mm 282 ~ 348	282 ~ 348	282 ~ 348	282 ~ 348	282 ~ 348	282 ~ 348	
	17 Service weight	Kg 730	730	900	900	1000	1000	
	Type	18 Front wheels / number	3.50-8/1 3.50-8/1		3.50-8/2 3.50-8/2		3.50-8/2 3.50-8/2	
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		
Data	20 Battery	Standard	195	195	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	

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