

## Performance

- / Multiple benefits of the AC Power System include: fast reponse 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.

## 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.

## Stability

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

## Maintenance

- / 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.

## Standard Specification

- / 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



A large battery cover hood



Lower step and capacious room



Small dimension and round shape



Ergonomically designed combined switch, instrument



AC power system



Front double-tyre

## Options

- / 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

## J series 2.0-6.0t Electric Tow Tractor Specification :

Distinguishing mark	1.1	Manufacturer	HANGCHA GROUP CO.,LTD.						
			0002-02 0002-C1	0002-025 0002-C15	0004-02 0004-C1	0004-025 0004-C15	0006-02 0006-C1	0006-025 0006-C15	
Weight	1.2	Manufacturer's type designation	Seated	Standing	Seated	Standing	Seated	Standing	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	Standing	Seated	Standing	Seated	Standing	
	1.5	Rated capacity/rated load	Q (kg/lb)	2000/4409	2000/4409	4000/8818	4000/8818	6000/13228	6000/13228
	1.7	Rated drawbar pull	F(N/lbf)	500/112	500/112	1000/225	1000/225	1500/337	1500/337
Tyres, chassis	1.9	Wheelbase	y (mm/in)	1140/44.9	1140/44.9	1295/51.0	1295/51.0	1295/51.0	1295/51.0
	2.1	Service Weight	kg/lb	780/1720	780/1720	900/1984	900/1984	980/2161	980/2161
	3.2	Tyre size, front		3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5
	3.3	Tyre size, rear		4.0-8	4.0-8	4.0-8	4.0-8	4.0-8	4.0-8
	3.5	Wheels, number front / rear (x = driven wheels)		1/2	1/2	2/2	2/2	2/2	2/2
	3.6	Tread, front	b <sub>10</sub> (mm/in)	\	\	200/7.9	200/7.9	200/7.9	200/7.9
	3.7	Tread, rear	b <sub>11</sub> (mm/in)	670/26.4	670/26.4	670/26.4	670/26.4	670/26.4	670/26.4
Dimensions	4.7	Height of overhead guard (cabin)	h <sub>6</sub> (mm/in)	1236/48.7	1206/47.5	1206/47.5	1206/47.5	1206/47.5	1206/47.5
	4.12	Coupling height	h <sub>10</sub> mm(in)	262~348 (10.3~13.7)	262~348 (10.3~13.7)	262~348 (10.3~13.7)	262~348 (10.3~13.7)	262~348 (10.3~13.7)	262~348 (10.3~13.7)
	4.19	Overall length	l <sub>1</sub> (mm/in)	1690/66.5	1690/66.5	1845/72.6	1845/72.6	1845/72.6	1845/72.6
	4.21	Overall width (With cabin)	b <sub>1</sub> mm/in	800/31.5	800/31.5	800(882)/ 31.5(34.7)	800(882)/ 31.5(34.7)	800(882)/ 31.5(34.7)	800(882)/ 31.5(34.7)
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub> (mm/in)	80/3.1	80/3.1	80/3.1	80/3.1	80/3.1	80/3.1
Performance data	4.35	Turning radius	W <sub>a</sub> (mm/in)	1600/63.0	1600/63.0	1760/69.3	1760/69.3	1760/69.3	1760/69.3
	5.1	Travel speed, laden/unladen	kph (mph)	6/13 (3.7/8.1)	6/13 (3.7/8.1)	6/13 (3.7/8.1)	6/13 (3.7/8.1)	6/13 (3.7/8.1)	6/13 (3.7/8.1)
	5.5	Drawbar pull at 60 minute rating	N/lbf	500/112	500/112	1000/225	1000/225	1500/337	1500/337
	5.6	Max. Drawbar pull at 5 minute rating	N/lbf	2000/450	2000/450	4000/900	4000/900	4500/1012	4500/1012
Electric engine	5.7	Gradeability, laden/unladen	%	- /25	- /25	- /25	- /25	- /25	- /25
	6.1	Drive motor rating S2 60 min	kw/hp	1.95/2.61	1.95/2.61	4.28/5.74	4.28/5.74	4.28/5.74	4.28/5.74
	6.4	Battery voltage, nominal capacity K5, Standard	V/Ah	48/165	48/165	48/210	48/210	48/275	48/275
	Battery voltage, nominal capacity K5, Optional	V/Ah	48/210	48/210	48/275	48/275	48/350	48/350	

