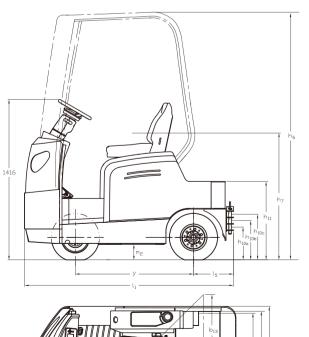
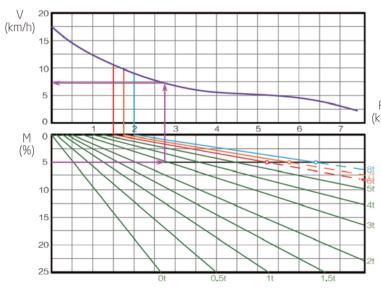
X series 6.0-8.0t Electric Tow Tractor Specification

	1.1	Manufacturer			HANGCHA GROUP CO.,LTD.	
_	1.2	Model				
읕					QDD70-XD2	
Identification	1.3	Drive Manual, pedestrian, stand-on, seated, order picker operation		Electric Seat	Electric Seat	Electric Seat
	1.4		 			
	1.5	Load capacity/rated load	Q (t)	6	7	8
	1.7	Rated tractive power	F (N)	1500	1750	2000
	1.9	Wheelbase	y (mm)	1035	1035	1035
Weights	2.1.1	Net weight incl. battery (see row 6.5)	kg	1250	1250	1300
	2.3	Axle load without load front/rear	kg	570/680	570/680	570/730
_	3.1	Tyres		Pneumatic	Pneumatic	Pneumatic
<u>s</u> 5	3.2	Tyre size, front	mm	4.00-8	4.00-8	4.00-8
Wheels / frame	3.3	Tyre size, rear	mm	4.00-8	4.00-8	4.00-8
	3.5	Wheels, number front/rear (× = driven wheels)		1/2x	1/2x	1/2x
	3.7	Tread width, rear	b11 (mm)	870	870	870
	4.7	Height of overhead guard	hs (mm)	2140	2140	2140
	4.8	Seat height/stand height	hz (mm)	1020	1020	1020
	4.12	Coupling height	h10 (mm)	274	274	274
	4.12.1	2nd coupling height	mm	330	330	330
ä	4.12.2	3. Coupling height	h10 (mm)	386	386	386
iši	4.13	loading height without load	h11 (mm)	686	686	686
Je .	4.16	loading area length	ls (mm)	395	395	395
Basic dimensions	4.17	Overhang length	Is (mm)	350	350	350
	4.18	Loading area width	be (mm)	908	908	908
Ba	4.19	Overall length	l1 (mm)	1830	1830	1830
	4.21	Overall width	b1/b2 (mm)	996	996	996
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	135	135	135
	4.35	Turning radius	Wa (mm)	1650	1650	1650
	4.36	Smallest pivot point distance	b13 (mm)	600	600	600
Performance data	5.1	Travel speed, laden/unladen	km/h	11.2/18	10.5/18	9.4/18
	5.5	Drawbar pull w. / w.o. load	N	1500	1750	2000
	5.6	Max. drawbar pull, laden/unladen	N	4500	5250	6000
	5.7	Gradeability laden/unladen	%	5/25	5/25	5/25
	5.10	Service brake	1	hydraulic	hydraulic	hydraulic
Electrics	6.1	Drive motor, output S2 60 min.	Kw	4.5	4.5	4.5
	6.3	Battery as per DIN 43531 /35/36 A, B, C, no	1	A 43531	A 43531	A 43531
	6.4	Battery voltage/nominal capacity K5	V/Ah	48/300	48/300	48/360
	6.5	Battery weight	kg	500	500	560
·	8.1	Type of drive control	 	AC	AC	AC
Misc.	8.4	Sound pressure level at operator's ear as per EN 12053	dB(A)	60	60	60

Traction device specification

	Coupling height h10a/b/c(mm)	h10b-h10a, h10c-h10b (mm)				
Std.	274/330/386	50				
Opt 1	218/274/330	50				
Ont 2	330/386/442	50				





v=speed (km/h), m=incline (%), F=drawbar pull (N)

Using method: It requires about 2750N traction for towing when the QDD60-XD2 tow tractor travels on 5% upward slope by towing 3t load, and in such case the travel speed is 7.3Km/h

Warning: Better apply tow tractor with brake when gradient of downward slope is over 4%.





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HANGCHA GROUP CO., LTD. reserves the right to make any changes without notice concerning colors, equipment, or specifications detailed in this brochure, or to discontinue individual models. The colors of trucks, delivered may differ slightly from those in brochures.



X series Electric Tow Tractor

with capacities of 6,000 to 8,000kg



The World of Hangcha



Appearance

/ Large arc-shaped, streamlined surface modeling is adopted, with beautiful and elegant appearance.

Comfort

- / Fully flexible suspension system is adopted for both front and rear axles, featuring small vibration and comfortable operation.
- / The battery of standard configuration is removed from truck side, so that maintenance and replacement of the battery is more convenient and rapid, which is suitable for continuous operation.
- / The optional fully-enclosed cab is suitable for operation in all kinds of weather conditions.

Stability

/ The battery is sunk to bottom of carriage, so the truck has good stability.

Advancement

- / Electromagnetic brake is adopted as parking brake, instead of traditional hand brake, so as to realize intelligent parking braking.
- / Fully flexible suspension system is adopted for both front and rear axles to ensure comfortable driving of the operator.
- / Large-screen LCD display and failure self-diagnosis instrument are applied to enable accurate display even in harsh environment.
- / The newly configured AC control system offers efficient, accurate adjustment performance, and extends working hours for single charge.
- / All lights of the truck are of LED, and the latest streamer technology is applied for front turn signal
- / The entire truck features high speed and high efficiency, with maximum travel speed up to 18km/h.

Reliability and Safety

- / Motor controller, contactors, power socket, emergency power off switch and other main electric elements are all of famous brands from abroad.
- / Carriage, drive axle, steering axle and other main load-bearing parts are designed as high-strength parts, so as to meet heavy-load working conditions.
- / As standard configuration, emergency power off switch meets European safety standard.
- / AC power system features high efficiency, complete protection functions, and substantially higher reliability and service life.
- / Both front and rear wheels are equipped with brake to realize flexible and reliable braking.

/ The brushless, maintenance-free AC motor reduces operation

/ The easily-removable rear deck cover is convenient for debug-

/ Electronic control and electric elements are placed together

ging and maintenance of electronic control system.

/ LED headlamp (high beam, low beam), direction indication lamp,

Standard specification

- LED rear three-color combination lamp
- / DIN Battery
- / Horn, back-up beeper
- / Emergency power off switch
- / Large LCD display
- / Battery side roll out
- / Seat with safety belt



Cup holder, tool box



Electric Tow Tractor













Options

- / Simple canopy (with no windshield and windshield wipers)
- / Simple canopy (with windshield and windshield wipers)
- / Fully-enclosed cab
- / Fan (together with canopy or cab)

Easy Maintenance

with high degree of integration.

cost significantly.

- / Alarm light
- / Specification of traction system (see Table 1)
- / Right and left rear-view mirrors (standard configuration for canopy, cab)
- / On-seat operation of traction pin
- / Fire extinguisher
- / Blue-light Lamp
- / Audible and visual alarm
- / LED rear working lamp
- / OPS system
- / Voice back-up beeper
- / Optional special seat
- / Optional imported brand battery
- / Super-elastic solid tires
- / Charger