

YANTAI SHENGHONG TRADING CO., LTD

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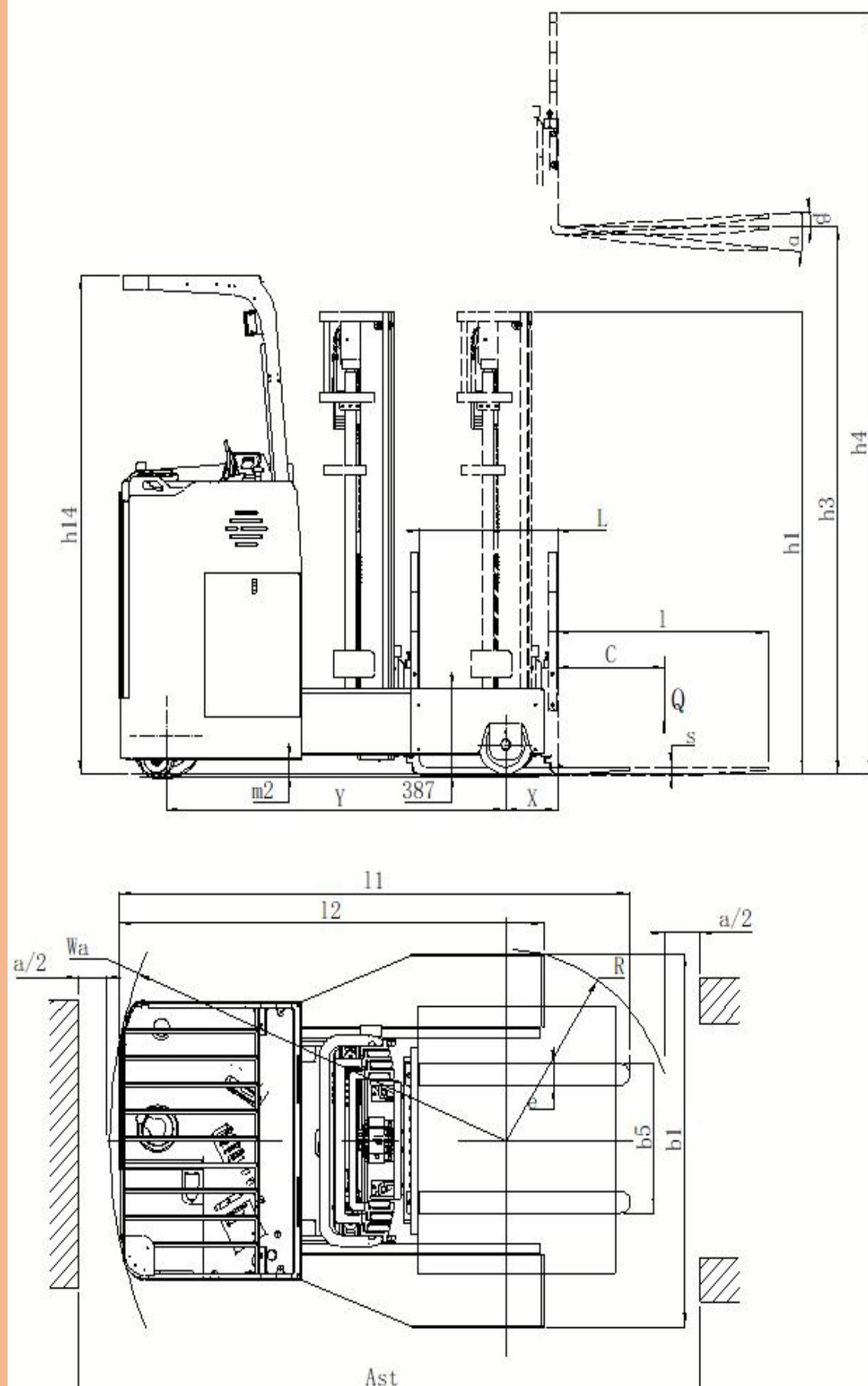
Company profile

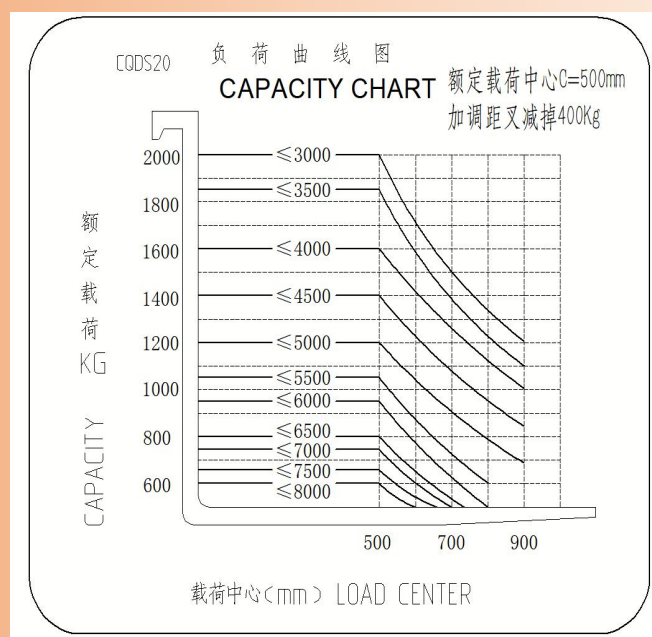
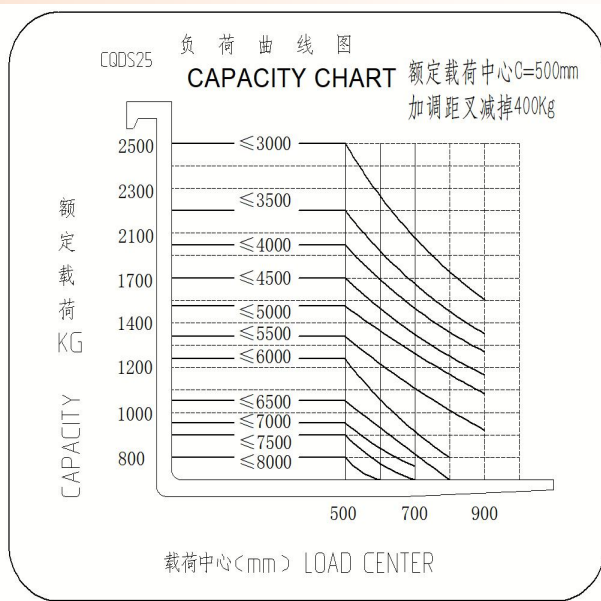
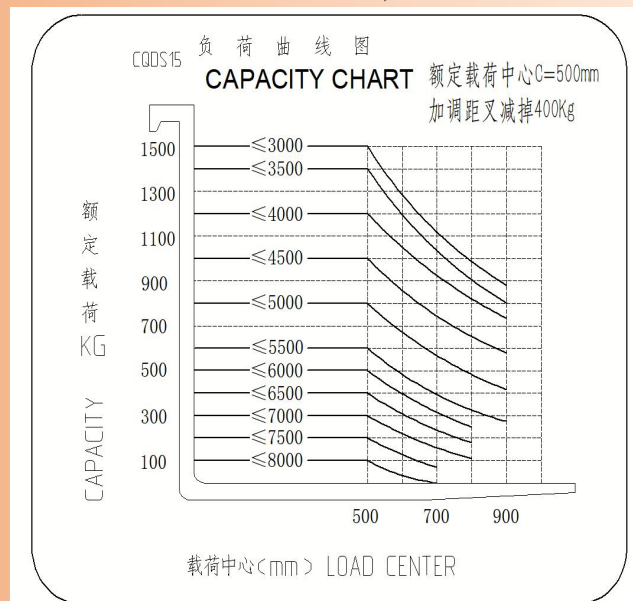
- SHLE was founded in 2008. An ISO 9001 certificated company, it is a comprehensive R & D and manufacturing factory dealing with some domestic military equipment.
- Invented and manufactured China's first 48-ton diesel forklift truck (the largest in the country) and 20-ton side forklift truck (the largest in the country)
- Our factory can provide OEM service, Customizable colors, Customizable Logo, and 95% delivery time rate.

Product specification

Characteristic	1.1	Model		CQDS15-45S	CQDS20-45S	CQDS25-45S	CQDS30-60S
	1.2	Load Capacity	Q (kg)	1500	2000	2500	3000
	1.3	load Center	C (mm)	500	500	500	500
	1.4	Front Overhang	X (mm)	200	200	200	250
	1.5	Wheelbase Distance	Y (mm)	1622	1722	1822	1824
Weight	2.1	Service Weight (With Battery)	kg	3400	3500	3800	
Wheels, Chassis	3.1	Wheel Type		PU	PU	PU	PU
	3.2	Front Wheel	$\varnothing \times w$ (mm)	$\Phi 267*114$	$\Phi 267*114$	$\Phi 267*114$	$\Phi 285*78$ (4)
	3.3	Driving Wheel	$\varnothing \times w$ (mm)	$\Phi 382*142$	$\Phi 382*142$	$\Phi 382*142$	$\Phi 382*142$
	3.4	Balance Wheel	$\varnothing \times w$ (mm)	$\Phi 180*76$	$\Phi 180*76$	$\Phi 180*76$	$\Phi 180*76$ (2)
	3.5	Wheel Tread (Front Wheel)	b10 (mm)	1430	1430	1430	1583
	3.6	Wheel Tread (Rear Wheel)	b11 (mm)	703	703	703	703
Dimensions	4.1	Mast Height Lowered	h1 (mm)	2110	2110	2360	2996
	4.2	Free Lift	h2 (mm)	1500	1500	1500	1980
	4.3	Lift Height	h3 (mm)	4500	4500	4500	6000
	4.4	Height, mast extended	h4 (mm)	5480	5480	5480	6965
	4.5	Height of overhead Guards	h14 (mm)	2280	2280	2280	2280
	4.6	Fork Height When Mast Lowered	h13 (mm)	35	40	45	45
	4.7	Mast Tilt Angle Forward/Backward	α / β (°)	3/5	3/5	3/5	3/5
	4.8	Overall length with fork retracted	l1 (mm)	2505	2585	2700	2650
	4.9	Overall Length (Without Fork)	l2 (mm)	2046	2146	2246	2295
	4.10	Overall Width	b1 (mm)	1680	1680	1680	1900
	4.11	Fork Size	s/e/l (mm)	35/100/1070	40/122/1070	45/125/1070	45/125/1070
	4.12	Fork Spread (Customizable)	b5 (mm)	210-705	260-705	270-840	270-840
	4.	Reach Distance	L (mm)	655	700	640	720

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	4.14	Min. Ground Clearance	m2 (mm)	80	80	80	80
	4.15	Aisle Widthfor Pallet 1000*1200 Crossways	Ast (mm)	2705	2785	2900	3050
	4.16	Min. Turning Radius	Wa (mm)	1905	2000	2105	2055
Performance	5.1	Max. Travel Speed (Unladen/Laden)	km/h	8/7	8/7	8/7	8/7
	5.2	Lifting Speed (Unladen/Laden)	m/s	0.250/0.240	0.240/0.220	0.240/0.220	0.240/0.220
	5.3	Lowering Ing Speed (Unladen/Laden)	m/s	0.240/0.260	0.240/0.260	0.240/0.260	0.240/0.260
	5.4	Max. gradeability (Unladen/Laden)	%	≤10	≤10	≤10	≤10
	5.5	Service Brake		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Motor, Charger	6.1	Drive Motor	kw	6.5	6.5	6.5	8
	6.2	Lift Motor	kw	8.6	8.6	8.6	12
	6.3	Battery Type		Lead Acid	Lead Acid	Lead Acid	Lead Acid
	6.4	Battery voltage/nominal capacity	V/Ah	48V300Ah	48V400Ah	48V400Ah	48V400Ah
	6.5	Charger	V/Ah	48V/40A	48V/50A	48V/50A	48V/50A
Other	7.1	Type of Drive Control		AC	AC	AC	AC
	7.2	Sound level at the driver's ear acc.to EN12053	dB(A)	75	75	75	75
The data is for reference only, and the details shall be subject to the actual vehicle.							





- © Four-way driving, suits for VNA stacking operation, especially the long material handling, greatly saving the warehouses to save space, it can switch from straight line driving to lateral driving quickly with easy operation. High efficiency and less fault
- © Equipped with branded control system and multi-functional protection system, it offers higher level functional safety;
- © Equipped with smart HD display instrument, offering real-time vehicle operation status and fault display, it is easy for troubleshooting and maintenance;
- © It adopts full AC drive system, with quicker response and more accurate control, further improving the vehicle performance;
- © Equipped with EPS steering system, with easy and flexible operation, improving the operational stability in high speed;
- © It displays real-time drive wheel angle, easy for fine-tuning inner VNA, safe, reasonable and accurate;
- © Specialised large-capacity power battery, with strong power, safe and reliable, easy for charging. Long endurance and low maintenance cost;
- © Side-pull battery suits multi-shifting occasions, with standard roller cart for easy change;
- © Electromagnetic brake features in quick parking and automatic brake.