
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.

FEATURES



Performance

- The innovative AC System offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP Connector and durable electric wires greatly reduce malfunctions of components.
- H Shape channel mast improves the strength of the whole truck.
- High strength chassis enhances the reliability and durability of the truck.
- Innovative Drive floating operation

system(DFA) ensures the stability of the truck when steering at high speed.



safety

- safe hydraulic system design prevents mast from falling down abruptly when hydraulic pipeline cuts off.
 - Full speed will be only available when protection arms are up, low speed mode will be automatically on otherwise.
 - Emergency reverse belly button protects operator from getting hurt.
 - Emergency disconnecter will cut off power source to avoid accident when truck goes control.
 - Multiple lifting limit protection ensures safety.
 - Automatic switch to lower speed when the fork reaches its setting height.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.
- Dual-monitoring power steering.

operation

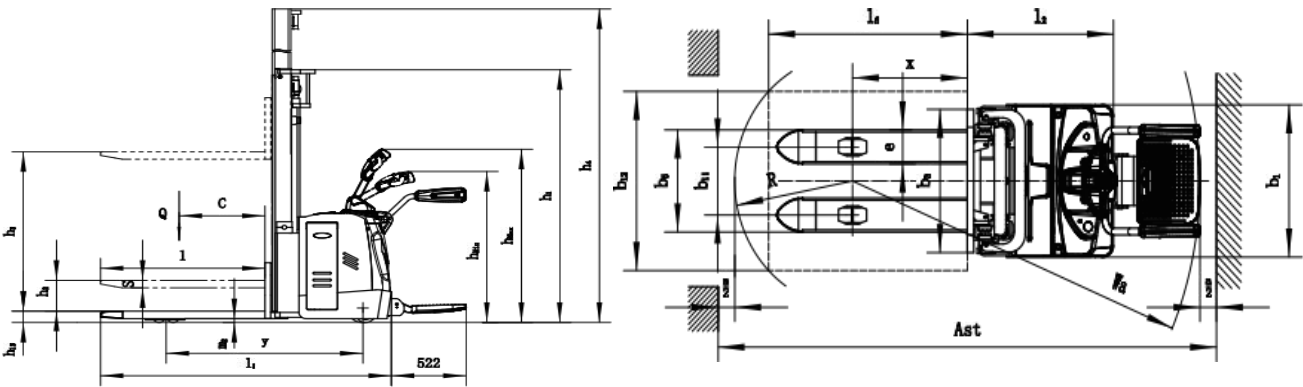
- with the new design of ergonomical tiller head, all buttons can be reached conveniently & comfortably.
- Foldable platform reduces vibration which makes operator feel more comfortable when driving.
- The unique suspension driving floating the system(DFA) design makes operations easy and comfortable.
 - when platform is folded, truck can work out of at low speed in smaller space.
 - Ergonomical and durable protection arm guarantees easy operation, with innovative on/off design.
 - Electric power steering, smooth & comfortable (EPS).

Maintenance

- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only loosening four bolts; Access to all key components for inspection, maintenance and replacement.
- Easy access for battery maintenance.
- vertical motor makes the inspection & service much more convenient.
- control system allows easy trouble-shooting.
- Mast and chassis are assembled together, easy for maintenance.
- Low voltage cut offsetting protects batteries.

Product specification

Model			SHY16	SHY20
Drive unit			Electric	Electric
Standing			Standing	Standing
rated capacity	Q	kg	1600	2000
Load center distance	C	mm	600	600
Load distance,centre of drive axle to fork	X	mm	693	693
Wheelbase	y	mm	1394	1394
Service weight(include battery)		kg	1270	1370
Axle loading,laden driving side/loading side		kg	950/1920	1110/2260
Axle loading,unladen driving side/loading side		kg	900/370	960/410
Tyre type Driing wheels/Loading whees			PU/PU	PU/PU
Wheels,number drivng,caster/loading(x=drive wheels)		mm	1x2/4	1x2/4
Track width,front,driving side	b10	mm	634	634
Track width,rear,loading side	b11	mm	380	380
Height,mast lowered	h ₁	mm	2020	2020
Lift height	h ₃	mm	2912	2912
Height,mast extended	h ₂	mm	3456	3456
Lowered height	h13	mm	88	88
Overall length	l ₁	mm	2035	2035
Length to face of forks	l ₂	mm	860	885
Overall width	b ₁	mm	850	850
Fork dimensions	s/e/I	mm	60×190×1150	60x190x1150
Fork carriage width	b ₃	mm	800	-
Outside width of the forks	b ₅	mm	570	570
Ground clearance,center of wheelbase	m ₂	mm	28	28
Aisle width for pallets 1000×1200 crossways	Ast	mm	2610/2971	2610/2971
Aisle width for pallets 800×1200 lengthways	Ast	mm	2580/2941	2580/2941
Turning radius		mm	1738/2099	1738/2099
Service brake type			Electromagnetic	
Drive motor rating S260 min		kW	1.6	1.6
Lift motor rating at S315%		kW	3	3.0
Battery oltage/nominal capacity K5		V/Ah	24/210	24/240
Battery weight		kg	72	72



Mast option

Lift h3+h13 (mm)	mast types	Lowered mast height h1 (mm)	Free lift h2 (mm)	Extended mast height h4
2700	Duplex ZT	1870	100	3165
3000		2020	100	3465
3300		2170	100	3765
3600		2320	100	4065
3900		2470	100	4365
4170		2600	100	4625
4000	Triplex DZ	1822	1390	4460
4500		2022	1590	4960
4800		2122	1690	5260
5000		2187	1740	5460
5300		2287	1840	5760
5500		2352	1910	5910
2700	Duplex ZZ	1819	1320	3135
3000		1969	1470	3435
3300		2119	1620	3735

option

3	Fork length	●1150 ○1220
4	Fork width	●570 ○600/685
10	Drivng wheel	●Rubber wheel ○ PU wheel with pattern
11	Balance wheel	●
15	cold storage	○
16	Mast screen	●
17	Battery indicator with hour meter	●
18	Battery indicator without hour meter	○
19	Battery capacity	○
20	Lateral change battery	●
26	Proportional lifting	○
27	Height limitation	●
31	half speed function in turning	●
32	Guard arm	●

Note ●standard ○option —NA
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