



FEATURE

Performance:

- Robust Structure;
- Highly specialized drive and hydraulic system ensure excellent driving performance and high reliability;
- Low-noise and durable hydraulic unit, high quality cylinder as well as hose ensure high reliability of hydraulic system;
- AMP connector and durable electric wires greatly reduce malfunctions of components;
- C shape mast channel mast improves the strength of the whole truck;
- Dual pallets lifting doubles working efficiency.



Safety:

- Safety hydraulic design prevents mast from falling down abruptly when oil pipes cut off;
- Belly button prevents truck from hitting operator;
- By simply pressing emergency disconnect, power supply will be immediately interrupted;
- Multi lifting limited switch ensures travel safety;
- Truck automatically switches to low speed mode, when lifting height is higher than setting height;
- Anti-rolling back braking device ensures trucks don't roll back on ramps;
- Aside positioned long tiller make operator stay safe distance away from truck body.

Operation:

- Ergonomic tiller head for effortless and comfortable operations;
- Tiller with long arm for smooth steering;-
- Compact chassis design offers smallest turning radius needed;
- Side operating ensures excellent visibility;
- On-board Charger.

Maintenance:

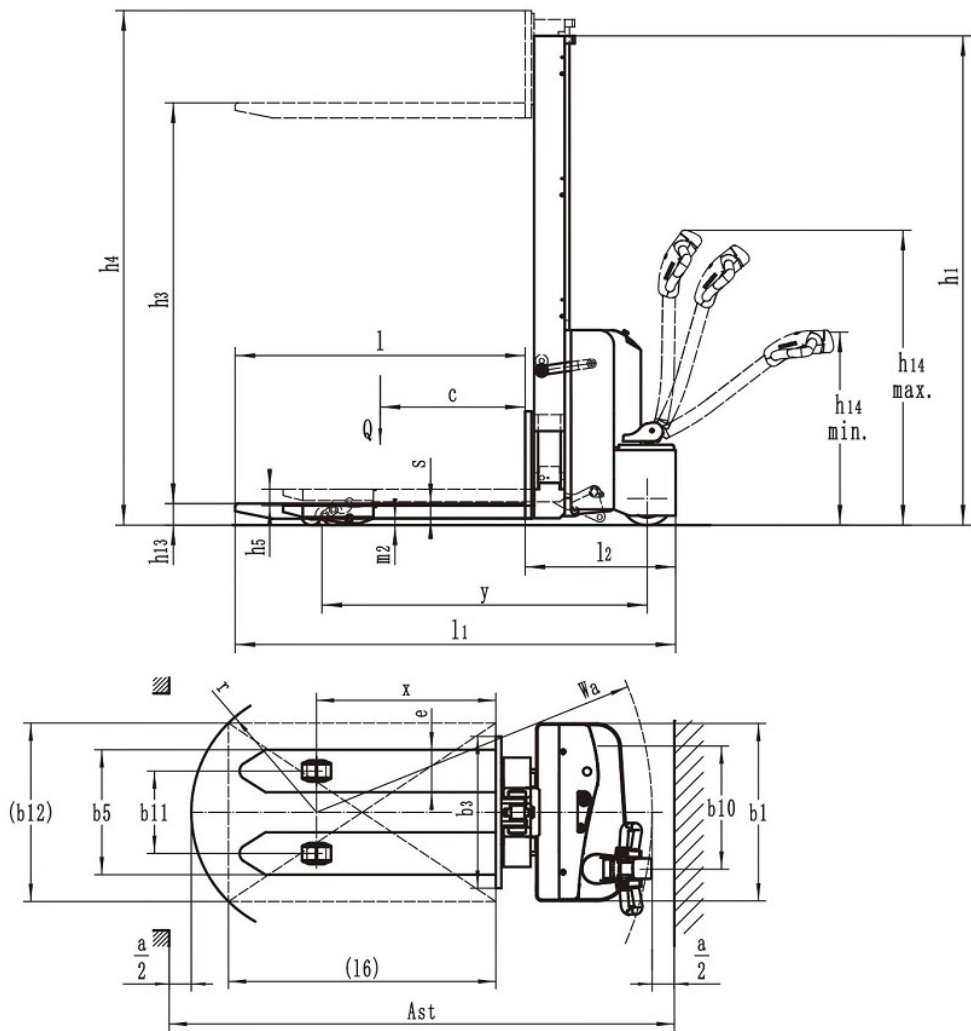
- Maintenance-free Battery;
- Battery display indicator with hour meter, reminds operator of charging on time (optional);
- Easy Maintenance — detachable rear panel;
- Self-Diagnostics signal on the digital display allows easy trouble-shooting;
- Easy Access of Hand Set;
- Low-voltage Cut-off Protection.

Mono Mast Electric Stacker

With Initial Lift 1.2t

Distinguishing mark			
1.3	Drive unit		Electric
1.4	Operator type		pedestrian
1.5	rated capacity	Q	kg
1.6	Load center distance	c	mm
1.8	Load distance , centre of drive axle to fork	x	mm
1.9	Wheelbase	y	mm
Weight			
2.1	Service weight (include battery)	kg	520
2.2	Axle loading, laden driving side/loading side	kg	560/1160
2.3	Axle loading, unladen driving side/loading side	kg	350/170
Types,Chassis			
3.1	Tyre type Driving wheels/Loading wheels		PU/PU
3.2	Tyre size, driving wheels (diameter×width)	mm	Ø210×70
3.3	Tyre size, loading wheels (diameter×width)	mm	Ø80×60
3.4	Tyre size, caster wheels (diameter×width)	mm	Ø130×55
3.5	Wheels, number driving , caster/loading (x=drive wheels)	mm	1x +1/4
3.6	Track width, front,driving side	b ₁₀	mm
3.7	Track width,rear,loading side	b ₁₁	mm
Dimensions			
4.1	Tilt of mast/fork carriage forward/backward	α/ β	°
4.2	Height, mast lowered	h ₁	mm
4.3	Free lift	h ₂	mm
4.4	Lift height	h ₃	mm
4.5	Height, mast extended	h ₄	mm
4.6	Initial lift	h ₅	mm
4.9	Height drawbar in driving position min./max.	h ₁₄	mm
4.10	Height of wheel arms	h ₈	mm
4.15	Lowered height	h ₁₃	mm
4.19	Overall length	l ₁	mm
4.20	Length to face of forks	l ₂	mm
4.21	Overall width	b ₁	mm
4.22	Fork dimensions	s/ e/ l	mm
4.24	Fork carriage width	b ₃	mm
4.25	Distance between fork-arms	b ₅	mm
4.26	Distance between wheel arms	b ₄	mm
4.31	Ground clearance, laden, below mast	m ₁	mm
4.32	Ground clearance, center of wheelbase	m ₂	mm
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm
4.35	Turning radius	Wa	mm
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	4.5/4.5
5.2	Lifting speed, laden/ unladen	m/ s	0.10/0.14
5.3	Lowering speed, laden/ unladen	m/ s	0.10/0.07
5.8	Max. gradeability, laden/unladen	%	3/10
5.10	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min	kW	0.65
6.2	Lift motor rating at S3 15%	kW	2.2
6.3	The maximum allowed size battery	mm	300x180x230
6.4	Battery voltage/nominal capacity K20	V/ Ah	2x12/85
6.5	Battery weight	kg	2x25
Addition data			
8.1	Type of drive unit		DC
10.5	Steering type		Mechanical
10.7	Sound pressure level at the driver's ear		74

1.The parameters in the table are of the standard model. For more information please contact us.
2.The parameters are subject to change without notice.



RATED CAPACITIES GRAPH

(Lifting Suport Arm and Mast Fork)

		Lift Height (mm)	Capacity (kg)
	Mast Fork A	1600	1000
		2000	1000
	Support Arm B	210	$A+B \leq 1200$

Mast Option

Lowered mast height h_1 (mm)	Free lift h_2 (mm)	Lift h_3+h_{13} (mm)	Extended mast height h_4 (mm)
1940	1480	1608	2011
2290	1830	1958	2361

Option

Options	
Standard Fork length Fork spread	o 1150*685
Battery indicator with hour meter	o
Explosion proof valve	o
o Options	

