a Jebsen & Jessen brand



MP-20/25A

Electric Pallet Truck – Walkie 2.0/2.5t

- Long tiller handle makes the operation more ergonomic.
- Small turning radius, perfect for sharp corners and tight spaces.
- Ideal choice for medium to heavy duty, but short distance applications.

info_mhe@jjsea.com
www.mhe.jjsea.com

FEATURE



Performance

- The innovative AC system offers strong power, accurate control and excellent performance.
- High strength vertical gearbox provides reliable uptime.
- Low-noise and durable hydraulic unit, high quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connector and durable electric wires greatly reduce malfunctions of compo-nents.
- One-time formed fork, box type frame and adjustable linkage extends the life of undercarriage.





Safety

- Curved design of front chassis avoids pinching point when lifting.
- Curved design of bottom frame ensures proper ground clearance and avoids hurting operator's feet.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnector will cut off power source to avoid accident when the truck goes out of control.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.
- LBR option avoids cargo from falling down.
- Long operation tiller withstands most impacts from crashes.

Operation

- With the new design of ergonomical tiller head, all buttons can be reached conveniently &comfortably.
- Thanks to the long tiller design, it decreases the steering force greatly which leads to easy operations.
- With its special fork design, it is suitable for all popular pallets.
- Over 180° handle rotation range tiller & compact size ensure small turning radius & excellent maneuverability.
- Creep speed function: when tiller is in near vertical position, the driving speed will decrease automatically, allowing delicate operation in confined space.
- Creep Switch for vertical handle (optional).

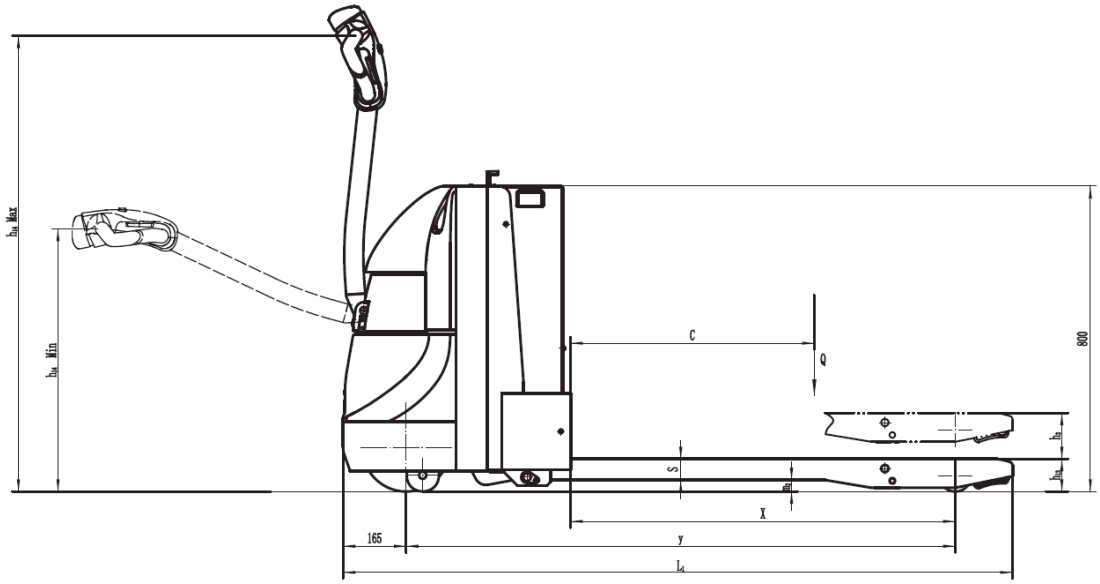
Maintenance

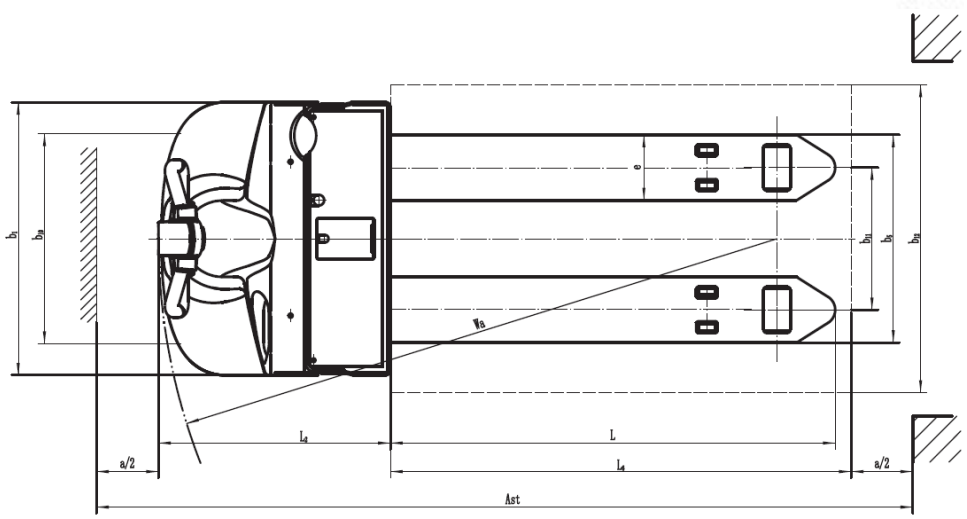
- AC traction motor, maintenance free.
- Hour meter and battery indicator remind the operator of battery charging.
- Easily remove the back cover by only loosing two bolts; Access to all key components for inspection, maintenance and replacement.
- Easy access for battery maintenance.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Low voltage lift cut off design protects batteries.

Electric Pallet Truck 2.0t
MP-20A

Distinguishing mark	1.1	Manufacturer			MHE	
	1.2	Model designation			MP-20A	
	1.3	Drive			Electric	
	1.4	Operator type			Pedestrian	
	1.5	Load capacity	Q	kg	2000	
	1.6	Load center distance	c	mm	600	
	1.8	Load distance，centre of drive axle to fork	x	mm	916 / 982	
	1.9	Wheelbase	y	mm	1418	
Service weight	2.1	Service weight		kg	530	
	2.2	Axle loading, laden front/rear		kg	950 / 1580	
	2.3	Axle loading, unladen front/rear		kg	425 / 105	
Tyres/chassis	3.1	Tyre type			Polyurethane	
	3.2.1	Tyre size, front		mm	Φ 85x70	
	3.3.1	Tyre size, rear		mm	Φ 230x75	
	3.4	Additional wheels (castor wheels)		mm	Φ 85x48	
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1 x +2 / 4	
	3.6.1	Tread width, front	b10	mm	498	
	3.7.1	Tread width, rear	b11	mm	515	
Dimensions	4.4	Lift height	h3	mm	120	
	4.9	Height of tiller handle in drive position min./max.	h14	mm	715 / 1200	
	4.15	Lowered height	h13	mm	85	
	4.19	Overall length	l1	mm	1748	
	4.20	Length to face of forks	l2	mm	621	
	4.21	Overall width	b1/b2	mm	710	
	4.22	Fork dimensions	s/e/l	mm	55 x 170 x 1150	
	4.25	Distance between fork-arms	b5	mm	685	
	4.32	Ground clearance, center of wheelbase	m2	mm	30	
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2400	
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	2255	
	4.35	Turning radius	Wa	mm	1600	
Performance dataElectric-engine	5.1	Travel speed, laden/unladen		km/ h	5 / 5.5	
	5.2	Lifting speed, laden/unladen		m/s	0.051 / 0.060	
	5.3	Lowering speed, laden/unladen		m/s	0.032 / 0.039	
	5.8	Max. gradeability, laden/unladen		%	8 / 16	
	5.10	Service brake			Electromagnetic	
	6.1	Drive motor rating S2 60 min		kW	1.1	
	6.2	Lift motor rating at S3 15%		kW	0.84	
	6.4	Battery voltage/nominal capacity		V/Ah	24 / 230	
	6.5	Battery weight		kg	190	
Addition data	8.1	Type of drive control			AC	
	10.5	Steering design			Mechanical	
	10.7	Sound pressure level at the driver's ear		dB(A)	74	

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.





Load Capability Chart

Fork length (mm)	Load capacity (kg)
	MP-20A
850	2000KG
1000	
1150	
1220	
1300	
1450	
1600	
1800	1800KG
2000	
2200	1600KG
2400	

Option

No.	Optional items	MP-20A
1.1	Fork length	●1150/1220○850/1000/1300/1450/1600/1800/2000 /2200/2400
1.2	Fork width	●540/685○600/725/790/840/940/1000/1050 /1100/1200
1.3	Fork lowered height	●85
1.4	Fork carriage width	726
1.5	Fork carriage height	○1220mm（48in）○1520mm（60in）
2.1	Load wheel type	●Double ○Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU ○Trace PU ○Rubber
2.7	Battery capacity	○205Ah ○210Ah（Lead Acid battery）●240Ah（Lead Acid battery）
2.8	Charger	●24V-30AExternal（Lead Acid battery）○24V-50AExternal（Lead Acid battery）
2.9	Battery indicator	●Yueli Hourmeter（With time）
3.3	Castor wheels	●Yes and not customized
3.4	Water auto-filling system	○Yes and not customized
3.16	Vertical handler working	●Vertical handler working
4.1	Battery side pull function	○Battery side pull function
4.2	Cold storage	○Cold storage
4.4	Weighting system with fork	○Weighting system with fork
Note： ●Standard ○ Optional		

● Standard

○ Optional