



EPT20-30TW

Electric Tractor 3.0t

Fits the Dual Monitoring of Traveling and Steering Motors International Safety Standard;
Ergonomic Design Offers Perfect Combination of Performance & Safety;
Best Choice for High Efficiency & Heavy Duty Handling Task,

EP EQUIPMENT CO.,LTD
www.ep-ep.com



FEATURE



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.
- CJ shape mast channel improves the strength of the whole truck.
- Applied with electric valve on & better heat releasing systems support long time operation.

Safety

- Safe hydraulic system design prevents mast from falling down abruptly when hydraulic pipeline cuts off.
- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnecter will cut off power source to avoid accident when truck goes out of 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.
- Electric valve will be locked up when power is cut off.
- 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.
- Compact design, flexible and operational.
- When platform is folded, truck can work at low speed in smaller space.
- Side-open battery design for easy battery replacement and various applications.
- Electric proportional valve equipped as standard feature.
- 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 losing two bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Low voltage cut off setting protects batteries.

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Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			EPT20-30TW
1.3	Drive unit			Electrics
1.4	Operator type			pedestrian
1.5	rated capacity	Q	kg	3000
1.7	Rated drawbar pull	F	N	600
1.9	Wheelbase	y	mm	1050
Weight				
2.1	Service weight (include battery)		kg	580
2.2	Axle loading, laden driving side/loading side		kg	515/1565
2.3	Axle loading, unladen driving side/loading side		kg	430/150
Types,Chassis				
3.1	Tyre type driving wheels/loading wheels			polyurethane
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ230x75
3.3	Tyre size, loading wheels (diameter×width)		mm	2x Φ178x73
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x+ 0/2
3.6	Track width, front,driving side	b ₁₀	mm	/
3.7	Track width,rear,loading side	b ₁₁	mm	450
Dimensions				
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	715 / 1200
4.12	Tow coupling height scope min./max.	h ₁₀	mm	195/310
4.19	Overall length	l ₁	mm	1315
4.21	Overall width	b ₁ / b ₂	mm	710
4.32	Ground clearance, center of wheelbase	m ₂	mm	50
4.35	Turning radius	Wa	mm	1235
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	4/5.5
5.5	Drawbar pull, laden/unladen		N	600
5.6	Max. drawbar pull, laden/unladen		N	1000
5.7	Gradeability, laden/unladen		%	1/16
5.10	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	1.1
6.2	Lift motor rating at S3 15%		kW	0.84
6.3	The maximum allowed size battery		mm	650X200X580
6.4	Battery voltage/nominal capacity K5		V/ Ah	24/210
6.5	Battery weight		kg	190
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			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.

