

POWERED PALLET TRUCKS

MPT20N-SB SPECIFICATIONS

This Powered Pallet Truck features a load capacity of up to 2000 kg.

The MPT20N-SB is designed to be used during multi-shift operation for efficient results. Its design makes it a powerful and productive unit, with increased speed and different operations for batteries, including Lithium solutions. Quality-made by using the most advanced solutions and top-level components, this device is ready to provide exceptional performance to their users.

During the design stage, several priorities were considered and verified, including service lift, performance, easy maintenance and interchangeable components. This has its a leading and reliable materials handling solution.



Features:



Powerful AC-driving motor, European designed and produced. Comes with ZF gearbox and equipped with electromagnetic brake. Provides a speed up to 8km/h, with durable polyurethane tyres.



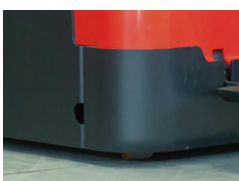
Rema Tiller delivers a high level of ergonomics and reliability of the control system. This robust operation is long-lasting, thanks to the contactless rocker switches, designed for lifting/lowering.



Integrated design with operators platform and protective arms, as well as an internal structure that provides an extremely low turning radius. Partner this with its suspension system, and the device provides a high level of comfort for users.



The driving and steering controllers are European-made and provide extremely reliable and flexible operation. This is a quality and high-performing control system with great functionality.



Built with an apron with 8 mm thickness. This allows the pallet jack to protect the robust chassis. It also adds additional strength in case of collision with objects. The strong steel battery cover also provides protection.



Optional PIN-code panel access, which works with PIN-code and access cards (RFID), significantly simplifies access to fleet. Optional built-in charger will also help with convenience, and customers who may not be using the trucks frequently.

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Optional Features:



Side battery replacement allows customers to use the truck and increase productivity through fast and effortlessly battery changeover.



Can be equipped with Aquamatic for fast refilling of distilled water in lead-acid batteries or a more compact battery to reduce size.



Equipped with Lithium batteries for a faster-charging solution. Also makes the device environmentally friendly, maintenance free and extra durable.

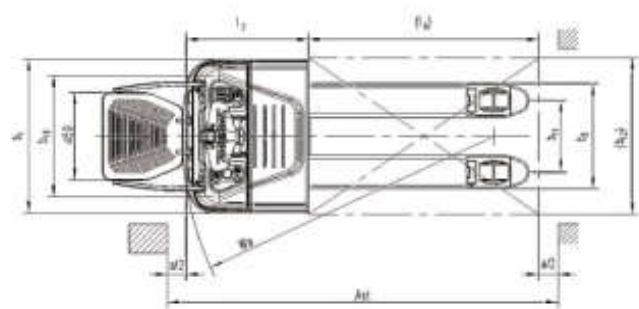
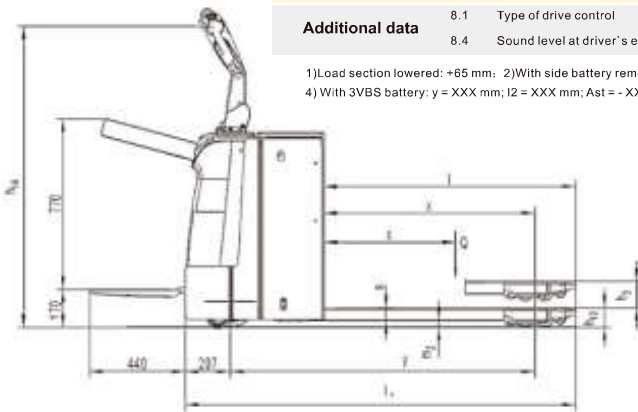


Option of Electric Power Steering (EPS) that meets safety standards and delivers precise and fast control for the position of the steering wheels.

Specifications for MPT20N-SB:

Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)	Battery	
	1.4	Operator type	Pedestrian/Stand	
	1.5	Load Capacity / rated load	Q (t)	2.0
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance ,centre of drive axle to fork	x (mm)	892 ¹⁾
Weight	1.9	Wheelbase	y (mm)	1300 ^{2) 3) 4)}
	2.1	Service weight	kg	650
	2.2	Axle loading, laden front/rear	kg	1110/1540
	2.3	Axle loading, unladen front/rear	kg	510/140
Tyres, chassis	3.1	Tires	Polyurethane (PU)	
	3.2	Tire size, front	Øx w (mm)	210X70
	3.3	Tire size, rear	Øx w (mm)	84X84
	3.4	Additional wheels(dimensions)	Øx w (mm)	100x40
	3.5	Wheels,number front/ rear(x=driven wheels)		1x+2/4
	3.6	Tread, front	b10 (mm)	560
	3.7	Tread, rear	b11 (mm)	367/512
Dimensions	4.4	Lift	h3 (mm)	120
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	950/1350
	4.15	Height, lowered	h13 (mm)	85
	4.19	Overall length	l1 (mm)	1790 ^{2) 3)}
	4.20	Length to face of forks	l2 (mm)	640 ^{2) 3) 4)}
	4.21	Overall width	b1 (mm)	790
	4.22	Fork dimensions	s/e/l (mm)	55/173/1150
	4.25	Distance between fork- arms	b5 (mm)	540/685
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	30
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2400 ^{2) 3) 4)} 2290 ^{2) 3) 4)}
Performance data	4.35	Turning radius	Wa (mm)	1585 ^{2) 3) 4)}
	5.1	Travel speed, laden/ unladen	km/h	7.5/8.0
	5.2	Lift speed, laden/ unladen	m/s	0.025/0.030
	5.3	Lowering speed, laden/ unladen	m/s	0.030/0.025
	5.8	Max. gradeability, laden/ unladen	%	8/15
Electric- Motor	5.10	Service brake		Electromagnetic
	6.1	Drive motor rating S2 60min	kW	1.4
	6.2	Lift motor rating at S3 10%	kW	0.8
	6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		/
	6.4	Battery voltage, nominal capacity K5	V/ Ah	24/210 2PzS
	6.5	Battery weight	kg	185
Additional data	6.6	Energy consumption acc. to VDI cycle	kWh/h	0.36
	8.1	Type of drive control		AC -Speed Control
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69

1)Load section lowered: +65 mm; 2)With side battery removal: + 30 mm; 3)With unfolded platform: + 440 mm
4) With 3VBS battery: y = XXX mm; l2 = XXX mm; Ast = - XX mm; Wa = - XX mm



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