TCM

PAW16~20LU



LITHIUM POWERED PALLET TRUCK

1.6 - 2.0 TONS

PAW - LITHIUM POWERED PALLET TRUCK

Engineered for a stable and dependable performance, the PAW16~20LU pallet truck delivers lithium-powered efficiency while enhancing productivity. Its compact and ergonomic design allows for work in any confined warehouse environment, providing service efficiency. Choose from 1.6 or 2 tonnes.

PERFORMANCE

- High-performance drive system ensuring smooth travel and load handling
- Equipped with strong hydraulic unit, providing responsive lifting performance
- Powerful drive system to overcome any hazards on pathway
- Integrated lithium battery with Battery Management System for safe operation





ERGONOMICS

- Ergonomic long tiller allows ease and security of operation
- PIN-code panel with keyless start improves operation convenience
- Optional Turning Speed Control enhances steering precision and travel safety
- Optimised control layout for ease of operation
- Long tiller with buffering spring improves handling comfort

DESIGN

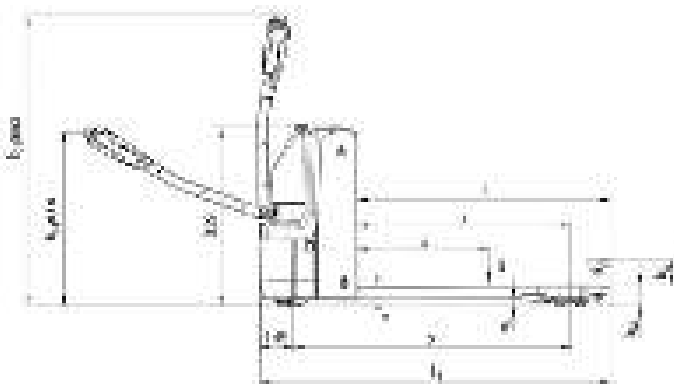
- Stable steel chassis construction enhances truck durability
- Reinforced drive wheel compartment improves rigidity
- Balance wheels and rollers increase travel stability
- Maintenance-friendly layout simplifies daily servicing
- External charging port supports convenient charging access

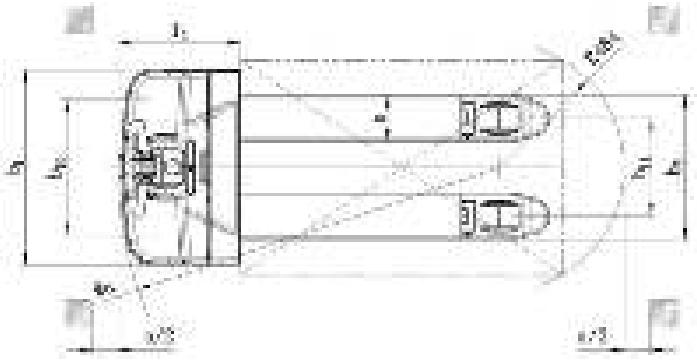


SPECIFICATIONS

CHARACTERISTICS					
1.1	Manufacturer (abbreviation)			**TCM Pallet Truck**	
1.2	Manufacturer's model designation			**PAW16LU**	**PAW20LU**
1.3	Power source:			Battery	Battery
1.4	Operator type: pedestrian, (operator) - standing, - seated			Pedestrian	Pedestrian
1.5	Load capacity	Q	(kg)	1600	2000
1.6	Load centre distance	c	(mm)	600	600
1.7	Load distance, centre of drive axle to fork	x	(mm)	966	966
1.8	Wheelbase	y	(mm)	1258	1336
WEIGHT					
2.1	Truck weight, without load with maximum battery weight		kg	357	411
2.2	Axle loading, laden front / rear		kg	991 / 966	674 / 1237
2.3	Axle loading, unladen front / rear		kg	295 / 62	333 / 77
WHEEL CHASSIS					
3.1	Tyre			Polyurethane	Polyurethane
3.2	Tyre dimensions, front	Øxw	(mm)	Ø 230 × 70	Ø 230 × 70
3.3	Tyre dimensions, rear	Øxw	(mm)	Ø 84 x 84 / Ø 82 x 110	Ø 84 x 84 / Ø 82 x 110[1]
3.4	Additional wheels (dimensions)	Øxw	(mm)	Ø 100 x 40	Ø 100 x 40
3.5	Number of wheels, front / rear (x = driven)			1x + 2 / 4	1x + 2 / 4
3.6	Track width (centre of tyres), front	b10	(mm)	510	510
3.7	Track width (centre of tyres), rear	b11	(mm)	367 / 512	367 / 512
DIMENSIONS					
4.1	Lift	h3	(mm)	120	120
4.2	Height of tiller in drive position min. / max.	h14	(mm)	765 / 1250	765 / 1250
4.3	Height, lowered	h13	(mm)	85 / 83	85 / 83[2]
4.4	Overall length	l1	(mm)	1590	1668
4.5	Length to face of forks	l2	(mm)	440	518
4.6	Overall width	b1	(mm)	729	729
4.7	Fork dimensions	s / e / l	(mm)	60 / 173 / 1150	60 / 173 / 1150
4.8	Distance between fork-arms	b5	(mm)	540 / 685	540 / 685
4.9	Ground clearance, centre of wheelbase	m2	(mm)	25 / 28	25 / 28[3]
4.10	Aisle width for pallets 800 x 1200 pathways	Ast	(mm)	2086	2156
4.11	Turning radius	Wa	(mm)	1422	1482
PERFORMANCE DATA					
5.1	Travel speed, laden / unladen		km / h	5.7 / 6.0	5 / 6
5.2	Lift speed, laden / unladen		m/s	0.025 / 0.035	0.025 / 0.033
5.3	Lowering speed, laden / unladen		m/s	0.035 / 0.030	0.045 / 0.031
5.4	Maximum gradeability, laden / unladen		%	8 / 15	8 / 15
5.5	Service brake			Electromagnetic	Electromagnetic
ELECTRIC MOTOR					
6.1	Drive motor rating		kW	1.3	1.3
6.2	Lift motor rating		kW	0.8	0.8
6.3	Battery voltage, nominal capacity (K5)		V / Ah	24/100	24/150
6.4	Battery weight		kg	29.5 ± 0.5	57 ± 5
6.5	Energy consumption		kWh / h	0.187	0.319
MISCELLANEOUS					
7.1	Type of drive control			AC	AC
7.2	Level of noise at the ear level of the driver according to EN 12 053		dB (A)	< 70	< 70

[1]If h13 is 83mm, single roller will be this size
[2]For 82 * 110mm single roller
[3]If h13 is 83mm, m2 is 28mm







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Note:
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Features and specification may vary depending on markets.
Performance data and dimensions are normal and subject to tolerances.
Produced in ISO certified factory.

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