PSL12M-Q2



TCM LiTE Range, optimal specification for day to day operations, without compromising engineering excellence, long-term performance and outstanding reliability.

EASY TO USE, SIMPLE TO MAINTAIN.

TCM PSL12M-Q2 with **compact, lightweight** design, **initial lift** and 1200 kg load capacity, is configured for light-duty, double pallet applications and **agility in narrow aisles and on mezzanines**, improving productivity and reducing operator fatigue. The steel chassis cover provides robust protection against impact, lowering maintenance costs and extending truck life.

The high capacity, **fast charging** 24V/60Ah **Li-ION battery** is long-lasting with low operating costs and is maintenance free. Includes in-built **Battery Management System** and integrated charger for charging anywhere.

Ergonomic, multi-functional tiller head with creep button for vertical drive function enhances operator comfort and control, especially in tight spaces. **Automatic speed reduction** in curves promotes safer handling of unstable loads, reducing the risk of accidents and damage. **Mono mast** configuration ideal for mezzanine applications and limited lift height requirements, confirm a compact and effective stacking solution.

PIN code access restricts use to authorised operators and RFID access ensures ultimate safety and control of fleet. Conveniently placed external diagnostics port speeds up servicing and fault resolution.

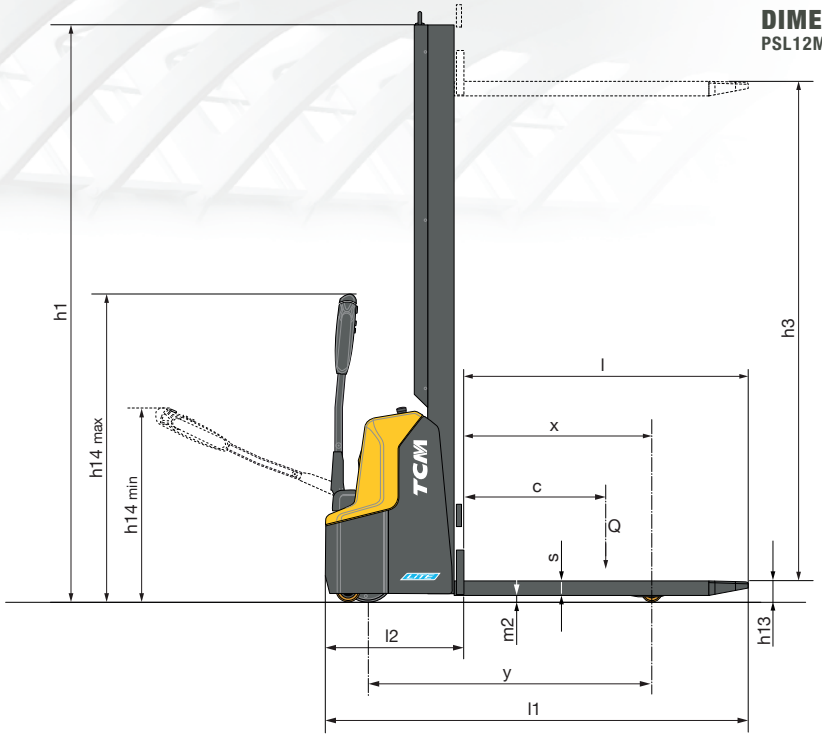


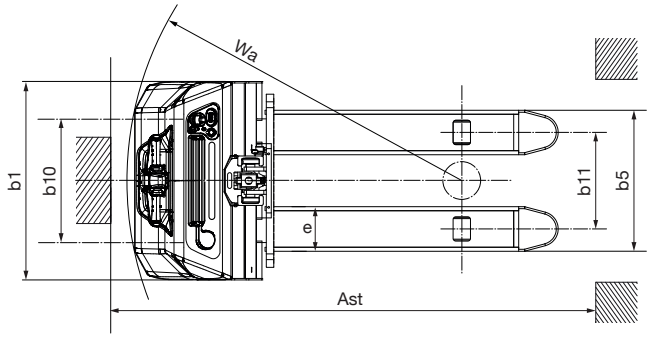
PSL12M-Q2

STANDARD SPECIFICATIONS PRELIMINARY

CHARACTERISTICS				
1.1	Manufacturer			**TCM**
1.2	Manufacturer's model designation			**PSL12M-Q2**
1.3	Power source			Battery
1.4	Operator type			Pedestrian
1.5	Load capacity	Q	kg	1200
1.6	Load center distance	c	(mm)	600
1.8	Load wheel axle to fork face (forks lowered)	x	(mm)	760
1.9	Wheelbase	y	(mm)	1147
WEIGHT				
2.1b	Truck weight without load, with maximum battery weight		kg	500
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	490 / 1210
2.3	Axle loadings without load & maximum battery weight, drive / load side		kg	355 / 145
WHEELS, DRIVE TRAIN				
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			P / P
3.2	Tyre dimensions, drive side		(mm)	210 x 75
3.3	Tyre dimensions, load side	ø	(mm)	84 x 93
3.4	Castor wheel dimensions (diameter x width)		(mm)	100 x 50
3.5	Number of wheels, load / drive side (x = driven)			1x +1/2
3.6	Track width (center of tyres), drive side	b10	(mm)	550
3.7	Track width (center of tyres), load side	b11	(mm)	400
DIMENSIONS				
4.2a	Height with mast lowered	h1	(mm)	see table
4.3	Free lift	h2	(mm)	see table
4.4	Lift height (stroke)	h3	(mm)	see table
4.5	Height with mast extended	h4	(mm)	see table
4.9	Height of tiller arm / steering console (min./max.)	h14	(mm)	710 / 1150
4.15	Fork height, fully lowered	h13	(mm)	90
4.19	Overall length	l1	(mm)	1710
4.2	Length to fork face	l2	(mm)	560
4.21	Overall width	b1	(mm)	800
4.22	Fork dimensions (thickness, width, length)	s /e / l	(mm)	60 / 180 / 1150
4.25	Outside width over forks (minimum / maximum)	b5	(mm)	570
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	(mm)	24
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	(mm)	2197
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	(mm)	2145
4.35	Turning radius	Wa	(mm)	1350
PERFORMANCE				
5.1	Travel speed, with / without load		km / h	4.2 / 4.5
5.2	Lifting speed, with / without load		m / s	0.11 / 0.14
5.3	Lowering speed, with / without load		m / s	0.13 / 0.11
5.8	Maximum gradeability with / without load		%	5 / 10
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electromagnetic
ELECTRIC MOTORS				
6.1	Drive motor capacity (60 min. short duty)		kW	0.65
6.2	Lift motor output at 15% duty factor		kW	2.2
6.4	Battery voltage/capacity at 5-hour discharge		V / Ah	24 / 60
6.5	Battery weight		kg	17
6.6b	Energy consumption according to VDI60 cycle		kWh / h	0.6
MISCELLANEOUS				
8.1	Type of drive control			DC
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871, in work LpAZ		dB (A)	<70

DIMENSIONS
PSL12M-Q2





OPTIONS
Mast height: 800mm, 1600mm and 2000mm - to suit different lift requirements
Fork size 685 x 1150mm - for wider pallet types
UK specific charger plug

MAST SPECIFICATIONS

MAST TYPE	Lift + fork height (mm)	Lift height (mm)	Lowered mast height (mm)	Free lift height (mm)	Extended mast height (mm)
	h3 + h13	h3	h1	h2	h4
SINGLE STAGE	800	714	1210	714	1210
	1600	1514	1930	1514	1930
	2000	1914	2330	1914	2385

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