

PTE20Q2 SCIMP

ATOM

2000 kg lithium-ion electric pallet truck **with weighing system**



NOUVEAUTÉ !

INTRODUCTION

The SCIMP "ATOM" PTE20Q2 electric pallet truck is a cost-effective electric pallet truck with an integrated weighing system. It has a capacity of 2 tonnes and an accuracy of 0.2 per cent, equivalent to plus or minus 4 kg at 2 tonnes. It comes fitted with a printer as standard.

// ADVANTAGES

- Fitted with a genuine BMS compliant with the 'EN62619' standard
- Ultra-compact, robust and lightweight design weighing 125 kg
- Fast battery recharge in 2 hours 30 minutes
- Ergonomic drawbar
- Fitted with a gas-spring drawbar
- 48 V / 20 Ah lithium-ion battery
- **Accuracy: 0.2%**
- **500-gram graduation**
- Built-in printer as standard



3. Electric pallet trucks



HIGH-PERFORMANCE SYSTEM

The 30 mm LCD display ensures excellent data readability. It also features a backlight, ideal for use in darker environments.

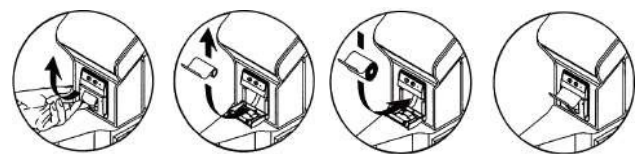
When using the pallet truck, once the goods have been placed on the forks, the current weight of the load is displayed on the screen. It also supports features such as holding the current weight, unit conversion and load addition.

WEIGHING



EFFICIENT PRINTING SYSTEM

The thermal printer offers protection against low voltage and can print weight values without affecting its battery life. It remains operational even whilst the pallet truck is in motion.



The paper can be replaced quickly by opening the cover.

LITHIUM BATTERY

Optional battery capacities are available to meet a range of requirements.

The standard ATOM model is fitted with a maintenance-free lithium battery, featuring an integrated BMS (battery management system) to ensure simplified maintenance and optimal performance.

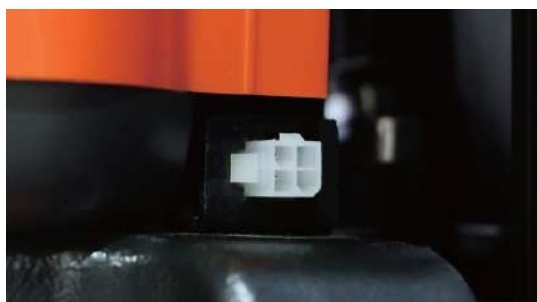
ENHANCED SAFETY & EASY MAINTENANCE



The pallet truck can move whilst the tiller is in the upright position, allowing it to manoeuvre in tight spaces.



The classic design has been retained to reduce failure rates. The hydraulic and electrical systems are integrated to facilitate maintenance



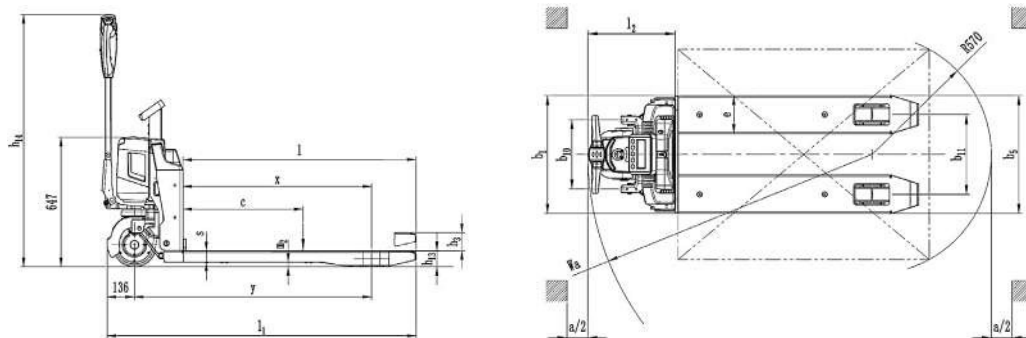
An external programming port allows for quick adjustment of settings and a comprehensive diagnosis of the pallet truck.

The use of a four-point floating structure with high-precision sensors ensures more accurate weighing.



Quick-connect connectors allow the battery to be replaced easily, making the process quick.





Technical specifications in accordance with VDI 2198				
Specifications	1.2	Part number - Model		PTE20Q2 SCIMP
		Trade name		ATOM
	1.3	Propulsion type		electric
	1.4	Driving mode		accompanying
	1.5	Rated capacity	Q (t)	2
	1.6	Centre of gravity	c (mm)	600
	1.8	Distance from the deck to the roller centreline	x (mm)	943
	1.9	Wheelbase	y (mm)	1184
Weight	2.1	Weight with batteries	kg	174
	2.2	Axle load with front/rear load	kg	611 / 1061
	2.3	Axle load without front/rear load	kg	111/61
Wheels Chassis	3.1	Wheels		polyurethane (PU)
	3.2	Drive wheel dimensions	Ø x w (mm)	Ø 210 x 70
	3.3	Front roller dimensions	Ø x w (mm)	Ø 80 x 70 (single roller = 80 x 93)
	3.5	Number of front/rear wheels (x = drive wheel)		1 x + 2 / 4
	3.6	Centre-to-centre distance between side members	b10 (mm)	430
	3.7	Rear wheel track	b11 (mm)	380
Dimensions	4.4	Standard lift	h3 (mm)	115
	4.9	Drawbar height in minimum/maximum driving position	h14 (mm)	715 / 1125
	4.15	Minimum fork height	h13 (mm)	90
	4.19	Overall length	l1 (mm)	1543
	4.20	Length without forks	l2 (mm)	416
	4.21	Overall width	b1 (mm)	562
	4.22	Fork dimensions	s / e / l (mm)	56 / 182 / 1164
	4.25	Outer fork width	b5 (mm)	562
	4.32	Ground clearance	m2 (mm)	24
	4.34	Aisle width with 800 x 1200 mm pallet	Ast (mm)	2128
	4.35	Turning radius	Wa (mm)	1358
Performance	5.1	Travel speed without / with load	km/h	4.9 / 4.2
	5.2	Lifting speed without / with load	mm/s	19 / 15
	5.3	Lowering speed without / with load	mm/s	23 / 52
	5.8	Permissible gradient without / with load	%	16 / 7
	5.10	Service brake		electromagnetic
Electrical system	6.1	Traction motor, S2 power rating for 60 minutes	kW	1
	6.2	Lifting motor, S3 power 10%	kW	0.8
	6.3	Batteries in accordance with DIN 43531 / 35 / 36 A, B, C, No		no
	6.4	Battery voltage / nominal capacity K5	V / Ah	48 / 20
	6.5	Battery weight	kg	8.2
	6.6	Energy consumption according to VDI cycle	kWh/h	0.25
Miscellaneous	8.1	Transmission type		DC – speed control
	8.4	Sound level at the driver's ear in accordance with EN 12053	dB (A)	< 70

Photos and technical specifications are for illustrative purposes only. The manufacturer reserves the right to make changes without prior notice.