

RTE15

All-terrain electric pallet truck with a load capacity of 1500 kg



INTRODUCTION

The RTE15 all-terrain electric pallet truck, with a load capacity of 1.5 tonnes and a 20% gradient climbing ability, meets the demands of deliveries and transport in the construction, agricultural and forestry sectors, and on all types of uneven ground.

// ADVANTAGES

- Improved manoeuvrability thanks to its compact chassis and wider field of vision.
- Suitable for use on uneven terrain thanks to its large wheels and PMSM motor.
- Enhanced safety thanks to its protected components and manual parking brake.
- Easy recharging via the built-in charger
- Compatibility with a range of accessories.



Compact and reliable

Thanks to its compact design and rear-mounted battery, this pallet truck guarantees maximum manoeuvrability and excellent visibility during loading operations. Its reinforced and robust structure ensures optimal protection of components whilst offering increased resistance to impacts and the harsh conditions of the most demanding working environments.

Built-in charger

The built-in charger allows the unit to be recharged directly from a standard socket, without the need to carry an external charger or move the pallet truck to a specific area.

Safe operation

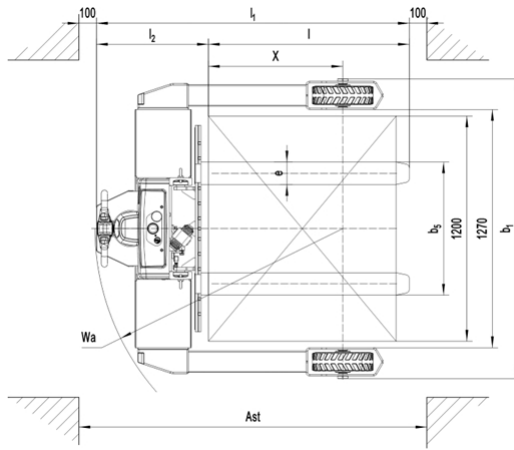
The manual service brake can be disengaged to allow the pallet truck to be moved even when switched off. Furthermore, the indicator lights signal its presence and enhance operational safety.

Versatile use

The standard fork carriage allows for the fitting of different fork lengths and the use of certain accessories. The chassis width facilitates the handling of most standard pallets, whether positioned widthways or lengthways. The design of the support arms helps to reduce the pallet truck's overall dimensions during transport.



3. Electric pallet trucks



Technical specifications in accordance with VDI 2198				
Specifications	1.2	Part number - Model		RTE15
	1.3	Drive type		electric
	1.4	Driving mode		accompanying
	1.5	Rated capacity	Q (t)	1.5
	1.6	Centre of gravity	c (mm)	500
	1.8	Distance from the deck to the roller centreline	x (mm)	715
	1.9	Wheelbase	y (mm)	1130
Weight	2.1	Weight with batteries	kg	640
	2.2	Axle load with front/rear load	kg	850/ 2090
	2.3	Axle load without front/rear load	kg	440 / 200
Wheels Chassis	3.1	Wheels		polyurethane (PU)
	3.2	Drive wheel dimensions	∅ x w (mm)	∅300×90
	3.3	Front roller dimensions	∅ x w (mm)	∅ 323 × 100
	3.5	Number of front/rear wheels (x = drive wheel)		1 x + 2
Dimensions	4.4	Standard lift	h3 (mm)	300
	4.9	Drawbar height in minimum/maximum driving position	h14 (mm)	780/1246
	4.15	Minimum fork height	h13 (mm)	60
	4.19	Overall length	l1 (mm)	1667
	4.20	Length without forks	l2 (mm)	597
	4.21	Overall width	b1 (mm)	1598
	4.22	Fork dimensions	s / e / l (mm)	40 / 120 / 1070
	4.25	Outer fork width	b5 (mm)	250–1050
	4.32	Ground clearance	m2 (mm)	130
	4.33	Aisle width with 800 x 1200 mm pallet in longitudinal position	Ast (mm)	1984
	4.34	Turning radius	Wa (mm)	1320
Performance	5.1	Travel speed without / with load	km/h	4.8 / 4.6
	5.2	Lifting speed without / with load	mm/s	99 / 55
	5.3	Lowering speed without / with load	mm/s	70 / 70
	5.8	Permissible gradient without / with load	%	20 / 12
	5.10	Service brake		electromagnetic
Electrical system	6.1	Traction motor, S2 power rating for 60 minutes	kW	1.5
	6.2	Lifting motor, S3 power rating 10 %	kW	2.2
	6.3	Batteries in accordance with DIN 43531 / 35 / 36 A, B, C, No		/
	6.4	Battery voltage / nominal capacity K5	V / Ah	48 / 85
	6.5	Battery weight	kg	104
	6.6	Energy consumption according to VDI cycle	kWh/h	0.436
Miscellaneous	8.1	Transmission type		AC – speed control
	8.4	Noise level at the driver's ear in accordance with EN 12053	dB (A)	<70