

TK3
SERIES



THREE WHEEL 1.5T ELECTRIC FORKLIFTS

The forklift is designed to lift heavy loads with full safety and precision. With a load capacity of 1500 kg, it is perfect for everyday warehouse tasks. The mast enables lifting loads up to 4.5 meters, and with a 4.5 kW lifting motor, the lifting speed is 135 mm/s when loaded and 215 mm/s when unloaded. The lowering process is also smooth and safe, with speeds of 238 mm/s (loaded) and 225 mm/s (unloaded).

At the heart of the forklift is an efficient drive system powered by a 24 V, 400 Ah battery, providing up to 5 hours of uninterrupted operation on a single charge. Thanks to the modern 2.5 kW motor, the vehicle moves dynamically, offering smooth acceleration and driving stability. The maximum speed is 6.2 km/h under full load and 7.2 km/h unloaded, allowing for efficient material handling operations. Our modern three-wheel electric forklifts, equipped with advanced technologies and precision craftsmanship, meet all customer expectations and the highest standards.

■ Specification

Power supply	Battery
Load capacity	1500 kg
Weight	2190 kg
Tires	Polyurethane / Solid rubber
Maximum travel speed (loaded/unloaded)	6.2 / 7.2 km/h
Steering motor	24V / 0.2 kW
Battery dimensions (L/W/H)	645 / 292 / 570 mm
Battery voltage	24 V / 400 Ah
Maximum lifting height	4.5 m
Operation mode	Seated
Drive motor	24 V / 2.5 kW
Lifting motor	24V / 4.5 kW
Operating time on full charge	5 h

■ Operating Parameters

Front wheel size / quantity	Ø 305×127, 2
Lifting speed (loaded/unloaded)	135/215 mm/s
Maximum gradeability (loaded/unloaded)	6/10 %
Mast height (lowered)	1995 mm
Mast tilt angle (forward/backward)	2/5°
Drive wheel size / quantity	Ø 250×127, 1
Lowering speed (loaded/unloaded)	238/225 mm/s
Load center distance	500 mm
Turning radius	1348 mm

■ Dimensions

Overall length	2465 mm
Overhead guard height	1980 mm
Distance between front wheels	783 mm
Fork width adjustment range	220-606 mm
Free lift height	140 mm
Ground clearance at wheelbase center	90 mm
Overall width	917 mm
Seat height	960 mm
Aisle width for 800×1200 mm pallets (lengthwise)	2975 mm
Ground clearance under mast	90 mm
Wheelbase	1090 mm
Fork dimensions (thickness / width / length)	35 / 100 / 950 mm
Distance from fork backrest to front wheel	170 mm
Aisle width for 1000×1200 mm pallets (widthwise)	2865 mm

