



2.5T 3M AC

ELECTRIC FORKLIFTS

The J25AC – 2500 KG 3M model is a strong and reliable forklift that performs exceptionally well in warehouses, logistics centers, and production halls. With a lifting capacity of 2500 kg and a lift height of 3 m, it easily handles heavy loads, ensuring smooth and efficient operation. The 11.1 kW drive motor and 12 kW lifting motor deliver dynamic performance and reliability in all conditions.

The forklift is equipped with a 48V 630 Ah battery that provides extended runtime on a single charge, enhancing operational efficiency. The AC control system and modern CURTIS LCD display ensure precise control and optimal energy usage, resulting in lower operating costs and longer battery life. The duplex mast provides strength and safety during load handling, while the integrated side shift function allows for precise positioning of goods, making shelf placement easier. The 18.5 MPa working pressure ensures smooth operation even under full load, and the 8°/10° mast tilt angle.

■ Specification

Battery type	Lead-Acid
Model	J25AC - 2.5T 3M
Weight	4190 kg
Mast	duplex
Lifting	12 KW
Maximum Traction Force	17 KN
LCD Display	CURTIS
Lifting Capacity	2500 kg
Lifting Height	3 m
Battery	48V 630 Ah
Drive	11.1 KW
Operating Pressure	18.5 Mpa
Control Method	AC

Maximum Lowering Speed with Load	430 mm/s
Mast Tilt Angle (Forward/Backward)	8°/10°
Minimum Aisle Width for Perpendicular Storage	3865 mm
Minimum Aisle Width for Perpendicular Travel	2400 mm

■ Dimensions

Total Length Without Forks	2410 mm
Overhead Guard Height	2172 mm
Mast Height at Maximum Lift (with guard)	4030 mm
Mast Height in Lowered Position	1995 mm
Seat to Overhead Guard Height	990 mm
Fork Width	120 mm
Total Width	1163 mm
Fork Length	1220 mm
Fork Thickness	40 mm

■ Operating Range

Front Tires	7.00-12-12PR
Wheelbase	1520 mm
Maximum Speed with Load	12 km/h
Maximum Lifting Speed without Load	400 mm/s
Maximum Gradeability	15%
Free Lift Height	155 mm
Maximum Lowering Speed without Load	460 mm/s
Minimum Turning Radius	2200 mm
Rear Tires	18*7-8-14PR
Track (Front/Rear)	973 / 960 mm
Load Center Distance	500 mm
Minimum Ground Clearance	110 mm
Maximum Speed without Load	13 km/h
Maximum Lifting Speed with Load	280 mm/s

