

**J20
SERIES**

2T 3M AC

ELECTRIC FORKLIFTS

Equipped with a 48V 600 Ah lead-acid battery, the forklift provides long working hours on a single charge, which translates into time and energy savings. The AC control system increases maneuverability precision and optimizes energy consumption, which extends battery life and lowers operational costs.

The J20AC – 2T 3M forklift is an ideal choice for warehouses, production halls, and logistics centers. With a lifting capacity of 2000 kg and a lifting height of 3 meters, it performs well in demanding working conditions. The 11.1 kW drive motor and 12 kW lifting motor ensure smooth operation and high transport efficiency. With a minimum turning radius of 2200 mm and compact dimensions (total width 1163 mm), the forklift excels in narrow warehouse aisles. A maximum travel speed of 12 km/h and a gradeability of up to 15% allow for smooth movement, even on uneven surfaces. The duplex mast ensures a sturdy construction, and the operating pressure of 18.5 Mpa.

■ Specification

Battery type	Lead-Acid
Model	J20AC - 2T 3M
Weight	3850 kg
Mast	duplex
Lifting	12 KW
Maximum Traction Force	17 KN
LCD Display	CURTIS
Lifting Capacity	2000 kg
Lifting Height	3 m
Battery	48V 600 Ah
Drive	11.1 KW
Operating Pressure	18.5 Mpa
Control Method	AC

■ 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

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

