



XCD031

JACKING AMR



SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			XCD031
Service weight		kg	150
Drive			Electric
Load capacity , load with mast lift	Q ¹	kg	300

Features

Compact & Agile Design

780×550×250mm chassis with 820mm turning radius – rotates in place for narrow-channel handling. Straight forward/backward aisle width only 750mm (standard shelf); right-angle turn width 1020mm - 60mm lifting stroke, suitable for towing or unit load transport

Smart Navigation & Docking

QR code / SLAM navigation with ±10mm positioning accuracy
Seamless interface with elevators, access doors, call boxes, and other automation equipment
Wi-Fi communication and support for custom CAN protocols

Comprehensive Safety System

Front + rear emergency stop buttons, voice + light alarms
Bottom 360° LiDAR (front protection) + ultrasonic rear protection + physical bumpers front & rear
Pallet in-place detection switch (optional) for secure load handling

Long-lasting Li-ion Power

48V / 20Ah Li-ion battery, service weight only 10kg
8 hours of usage time, optional automatic charger (48V / 18A)
Single-phase 220V input, charger dimensions 546×561×223mm

VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			XCD031
1.3	Drive			Electric
1.5.1	Load capacity , load with mast lift	Q ₁	kg	300
2.1	Service weight		kg	150

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.