

JXG1045 / MEDIUM-LEVEL ORDER PICKER

Electric Order Picking. Stand On, 4500 mm Lift.

“AC-driven, stand-on order picker with tilt protection, side-removable battery, intelligent display and a double mast.”



COMPACT TURNING

1570 mm
Min. Turning Radius

Aisle, 1000 × 1200 across forks	3105 mm
Aisle, 800 × 1200 along forks	3220 mm
Vehicle length	2834 mm

4 Key Specifications

Rated Capacity 1000 kg (Load centre 500 mm)	Lift Height 4500 mm (Platform lift 4771 mm)	Travel Speed 5.8/6.0 km/h (Laden / unladen)	Battery 24/280 V/Ah (Drive motor 3 kW)
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8 Product Features

- 01 **CURTIS AC Controller**

High-power, quiet stepless-speed AC drive with reverse braking, thermal protection and stable output.
- 02 **Tilt Protection**

A tilt protection system is configured for high safety.
- 03 **Side Battery Access**

Side door opens and the battery pulls out sideways for easy exchange and maintenance.
- 04 **Intelligent Display**

Shows drive wheel direction and angle in real time and reports fault codes.
- 05 **Pedal Safety Switch**

Prevents misoperation when travelling.
- 06 **Height Sensing Control**

Continuous height sensing gradually slows the truck at preset intervals.
- 07 **Shock-Absorbing Foot Pad**

Comfortable energy-absorbing foot pad improves driver comfort.
- 08 **Double Mast Design**

Fork rises separately, making it convenient to reach cargo.

Technical Data

1 Characteristics

1.01	Model		JXG1045
1.02	Power unit		Electric
1.03	Operation		Standing on
1.04	Rated load capacity	Q (kg)	1000
1.05	Load centre	c (mm)	500
1.06	Axle centre to fork face	x (mm)	192
1.07	Wheel base	y (mm)	1358
1.08	Service weight with battery	kg	2850

2 Wheels / Tyres

2.01	Wheels type		Polyurethane (PU)
2.02	Driving wheel size	$\Phi \times w$ (mm)	$\Phi 250 \times 127$
2.03	Bearing wheel size	$\Phi \times w$ (mm)	$\Phi 150 \times 82$
2.04	Wheels, number front/rear (x = driven)		1, /2
2.05	Track width	b11 (mm)	960

3 Dimensions

3.01	Height of mast, lowered	h1 (mm)	2365
3.02	Lift	h3 (mm)	4500
3.03	Height of mast, extended	h4 (mm)	6773
3.04	Height of overhead guard (cabin)	h6 (mm)	2273
3.05	Height of seat/stand-on platform	h7 (mm)	271
3.06	Additional lifting	h9 (mm)	780
3.07	Total lift (h3 + h9)	h10 (mm)	5280
3.08	Platform lift height	h12 (mm)	4771
3.09	Minimum height of cargo fork	h13 (mm)	50
3.10	Picking height (h12 + 1300)	h15 (mm)	6071
3.11	Vehicle length	l1 (mm)	2834
3.12	Length to fork face	l2 (mm)	1764
3.13	Overall width	b1/ b2 (mm)	1000/1150
3.14	Fork dimensions	s/e/l (mm)	40/100/1070
3.15	Width of fork fixing frame	b3 (mm)	910
3.16	Width of fork carriage	b5 (mm)	870
3.17	Ground clearance at wheelbase centre	m2 (mm)	50
3.18	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)	3105
3.19	Aisle width, pallet 800 × 1200 along forks	Ast (mm)	3220
3.20	Min. turning radius	Wa (mm)	1570

4 Performance

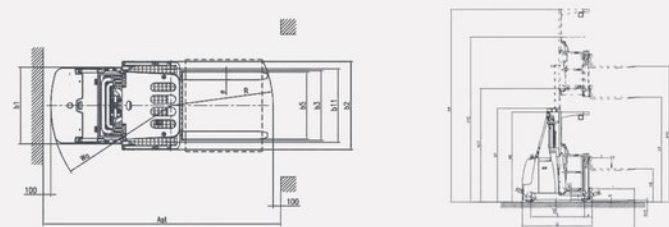
4.01	Travel speed, laden/unladen	(km/h)	5.8/6.0
4.02	Lifting speed, with/without load (bridge)	(mm/s)	125/135
4.03	Lifting speed, with/without load (fork)	(mm/s)	225/230
4.04	Lowering speed, with/without load (bridge)	(mm/s)	150/160
4.05	Lowering speed, with/without load (fork)	(mm/s)	140/90
4.06	Climbing ability, with/without load	(%)	3/6
4.07	Service brake		Electromagnetic

5 Motor / Battery

5.01	Drive motor, 60 minute rating	(kW)	3
5.02	Lift motor rating at S3 15%	(kW)	5.5
5.03	Battery voltage/rated capacity	(V/Ah)	24/280
5.04	Battery weight ($\pm 5\%$)	(kg)	270

6 Other

6.01	Type of drive control		AC speed control (AC)
6.02	Noise level at operator's ear	(dB(A))	≤ 75



Dimension Drawings

Symbols correspond to the units column above.