JX2-3

MEDIUM LEVEL ORDER PICKER 0.7T

700 kg | 2463|2863 mm | 24 V Lead Acid





The JX2-3 is ideal for medium-level order picking in e-commerce, retail, and warehouse operations. Its elevated stand height (up to 3.0 m) ensures easy access to racking, while proportional lifting and lowering guarantee accuracy and care when handling goods. With a wide field of view, stable mast design, and optional safety add-ons such as warning lamps or buzzers, it adapts to diverse warehouse environments.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			JX2-3
Battery voltage		V	24
Rated capacity	Q	kg	700
Load centre distance	c	mm	600
Service weight		kg	1780|1794
Height, mast lowered	h_1	mm	1800|2000
Lift	h_3	mm	2463|2863
Height, mast extended	h_4	mm	4745|5145
Overall length	l_1	mm	2725
Overall width	b_1/b_2	mm	800
Length to face of forks	l_2	mm	1655
Fork dimensions	s/e/l	mm	35*100*1070
Turning radius	Wa	mm	1515
Drive			Electric
Operator type			Order-picker

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Features

Efficient medium-level picking

With lift heights up to 2.9 m and a maximum picking height of 5.1 m, the JX2-3 is designed for efficient access to medium-level racking.

Compact and stable chassis

At only 800 mm wide with a turning radius of 1515 mm, the truck provides excellent maneuverability, even in narrow aisles and busy warehouse environments.

Reliable Li-ion-ready battery system

Standard with a 24V/360Ah battery, the JX2-3 supports opportunity charging and can be paired with optional external chargers for longer operations.

Operator-focused design and safety

The elevated standing platform, ergonomic tiller, and electronic steering reduce operator fatigue, while safety is enhanced through wide visibility, electromagnetic braking, and optional warning systems.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			JX2-3
1.3	Drive			Electric
1.4	Operator type			Order-picker
1.5	Rated capacity	Q	kg	700
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	140
1.9	Wheelbase	y	mm	1330
2.1	Service weight		kg	1780|1794
2.2	Axle loading, laden front/rear		kg	1753/592|1758/602
2.3	Axle loading, unladen front/rear		kg	707/1072|712/1082
3.1	Tyres			Polyurethane/Solidrubber
3.2	Tyre size, front		mm	φ150*90

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	SPECIFICATION	REF	UNIT	VALUE
3.3	Tyre size, rear		mm	φ230*75
3.4	Additional wheels (castor wheels)		mm	φ74*48
3.5	Wheels, number front/rear (x=drive wheels)			1x，2/2
3.6	Tread width, front	b_{10}	mm	710
3.7	Tread width, rear	b_{11}	mm	570
4.2	Height, mast lowered	h_1	mm	1800|2000
4.3	Free lift	h_2	mm	737
4.4	Lift	h_3	mm	2463|2863
4.5	Height, mast extended	h_4	mm	4745|5145
4.7	Height of overhead guard (cabin)	h6	mm	2345
4.8	Seat height relating to SIP/stand height	h7	mm	220
4.9	Height drawbar in driving position min./max.	h_{14}	mm	50
4.10	Height of wheel arms	h8	mm	220
4.14	Stand height, elevated	h12	mm	2620|3020
4.15	Height, lowered	h_{13}	mm	63
4.19	Overall length	l_1	mm	2725
4.20	Length to face of forks	l_2	mm	1655
4.21	Overall width	b_1/b_2	mm	800
4.22	Fork dimensions	s/e/l	mm	35*100*1070
4.24	Fork carriage width	b_3	mm	100
4.25	Distance between fork-arms	b_5	mm	560
4.26	Distance between wheel arms/loading surfaces	b_4		1330
4.32	Ground clearance, centre of wheelbase	m_2	mm	50
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	3050
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3160
4.35	Turning radius	Wa	mm	1515
5.1	Travel speed, laden/unladen		km/h	6/6
5.2	Lift speed, laden/unladen		m/s	0.13/0.16
5.3	Lowering speed, laden/unladen		m/s	0.23/0.26
5.8	Max. gradeability, laden/unladen		%	0
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	2.5
6.2	Lift motor rating at S3 15%		kW	3

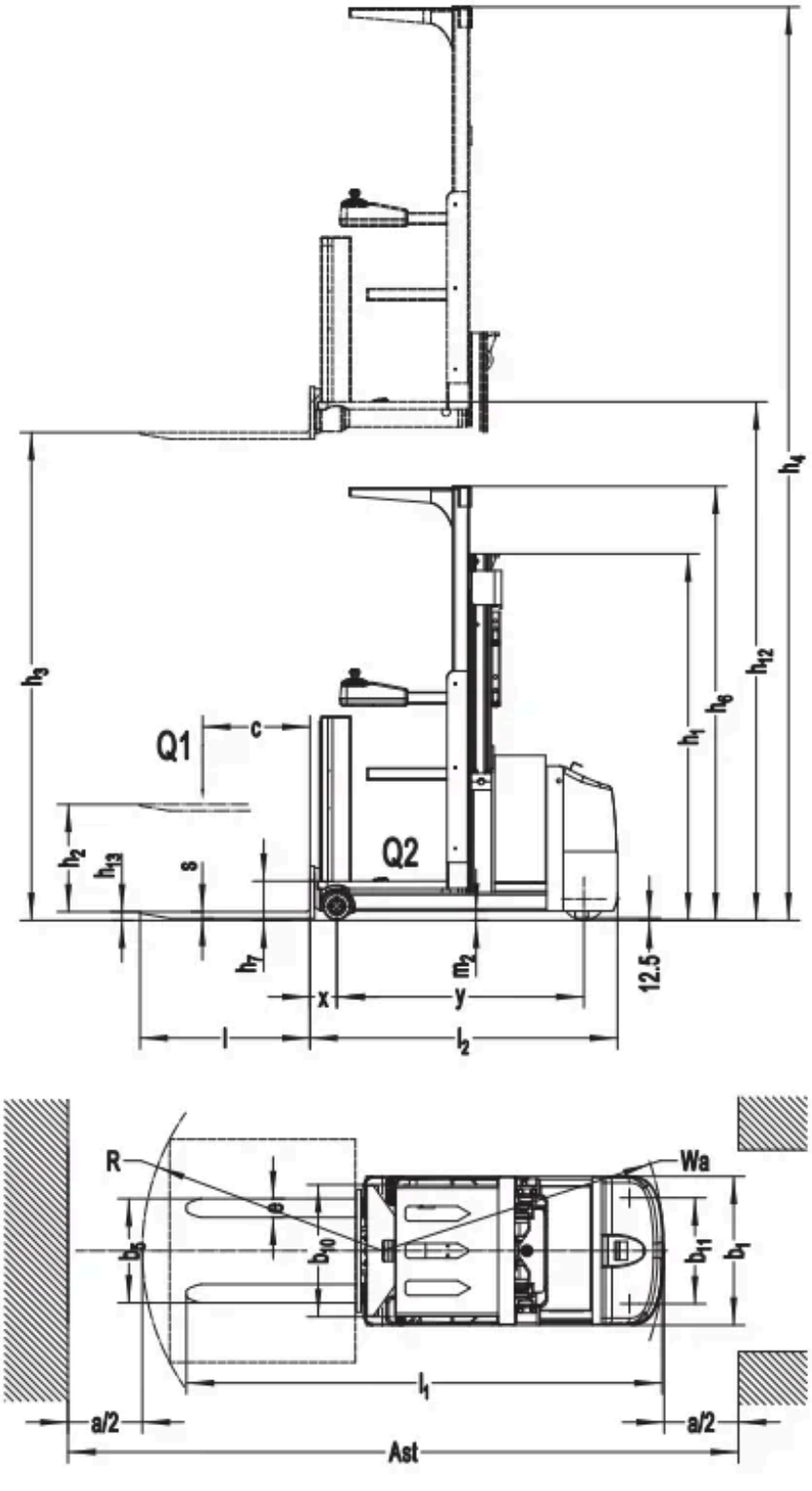
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	SPECIFICATION	REF	UNIT	VALUE
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	360
6.4.3	Battery type			Lead Acid
6.5	Battery weight		kg	330
8.1	Type of drive unit			AC
10.5	Steering design			Electronic
10.7	Sound pressure level at the driver's seat		dB(A)	75
15.1	Charger output current		A	50

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.

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VDI Drawing



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Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	800*600, 2A, 100*35*920 | 800*600, 2A, 100*35*1070 | 800*600, 2A, 100*35*1200
Load wheel type	Single
Load wheel material	Rubber
Drive wheel material	PU
Battery capacity	No | 360AH
Charger	No | 24V-50A EXternal
Battery indicator	With hourmeter
Safe hook	No
Traction pin	No
Electrostatic chain	Standard:Yes and not customized
Castor wheels	Yes and not customized
Water auto-filling system	No
Warning lamp	Rear
Blue lamp	No
Buzzer	Drop buzzer | Drop buzzer, Reversing buzzer | Drop buzzer, Running buzzer | Drop buzzer, Door alarm buzzer | Drop buzzer, Door alarm buzzer, Reversing buzzer | Drop buzzer, Door alarm buzzer, Running buzzer
Guide wheel	No
USB interface	No
Battery side pull function	Yes and not customized
Overhead guard	Yes and not customized
Battery side pull attachment	No

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