JX2-1

MEDIUM LEVEL ORDER PICKER 0.7T

700 kg | 1063 mm | 24 V Lead Acid

The JX2-1 is suited for medium-level order picking in e-commerce, retail distribution, and logistics centers. With a turning radius of just 1470 mm, it easily maneuvers in confined warehouse spaces. Its standing operator platform ensures efficiency during frequent pick cycles, while optional configurations such as extended forks, external charger, or additional buzzers adapt the truck to specific warehouse needs.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			JX2-1
Battery voltage		V	24
Rated capacity	Q	kg	700
Load centre distance	c	mm	600
Service weight		kg	1620
Lift	h_3	mm	1063
Height, mast extended	h_4	mm	2560
Overall length	l_1	mm	2520
Overall width	b_1/b_2	mm	800
Length to face of forks	l_2	mm	1605
Fork dimensions	s/e/l	mm	35/100/915
Turning radius	Wa	mm	1470
Drive			Electric
Operator type			Order-picker
Load distance, centre of drive axle to fork	x	mm	140

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Features

Dual lifting system

Provides both load and operator lifting, ensuring stability during pallet handling and precise positioning during order picking.

Compact and agile design

With a width of only 800 mm and a turning radius of 1470 mm, the JX2-1 is ideal for maneuvering in narrow aisles and confined spaces.

Efficient power system

Equipped with a 24V/360Ah battery and a 3 kW lift motor, the truck delivers fast lifting speeds and reliable power for continuous operations.

Safety and operator visibility

A wide operating view enhances precision and safety, while optional warning systems such as reversing buzzers and rear lamps provide extra security in busy warehouse environments.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			JX2-1
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	1280
2.1	Service weight		kg	1620
2.2	Axle loading, laden front/rear		kg	1800/720
2.3	Axle loading, unladen front/rear		kg	700/920
3.1	Tyres			Polyurethane/Solidrubber
3.2	Tyre size, front		mm	150*90

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	SPECIFICATION	REF	UNIT	VALUE
3.3	Tyre size, rear		mm	230*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
4.3	Free lift	h_2	mm	737
4.4	Lift	h_3	mm	1063
4.5	Height, mast extended	h_4	mm	2560
4.7	Height of overhead guard (cabin)	h6	mm	1560
4.8	Seat height relating to SIP/stand height	h7	mm	220
4.9	Height drawbar in driving position min./max.	h_{14}	mm	1220
4.15	Height, lowered	h_{13}	mm	63
4.19	Overall length	l_1	mm	2520
4.20	Length to face of forks	l_2	mm	1605
4.21	Overall width	b_1/b_2	mm	800
4.22	Fork dimensions	s/e/l	mm	35/100/915
4.24	Fork carriage width		mm	560
4.25	Distance between fork-arms	b_5	mm	560
4.31	Ground clearance, laden, below mast		mm	50
4.32	Ground clearance, centre of wheelbase	m_2	mm	50
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2950
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3070
4.35	Turning radius	Wa	mm	1470
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	0.16/0.18
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
6.4.1	Battery voltage		V	24
6.4.2	Battery nominal capacity K5		Ah	360
6.4.3	Battery type			Lead Acid

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	SPECIFICATION	REF	UNIT	VALUE
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)	74
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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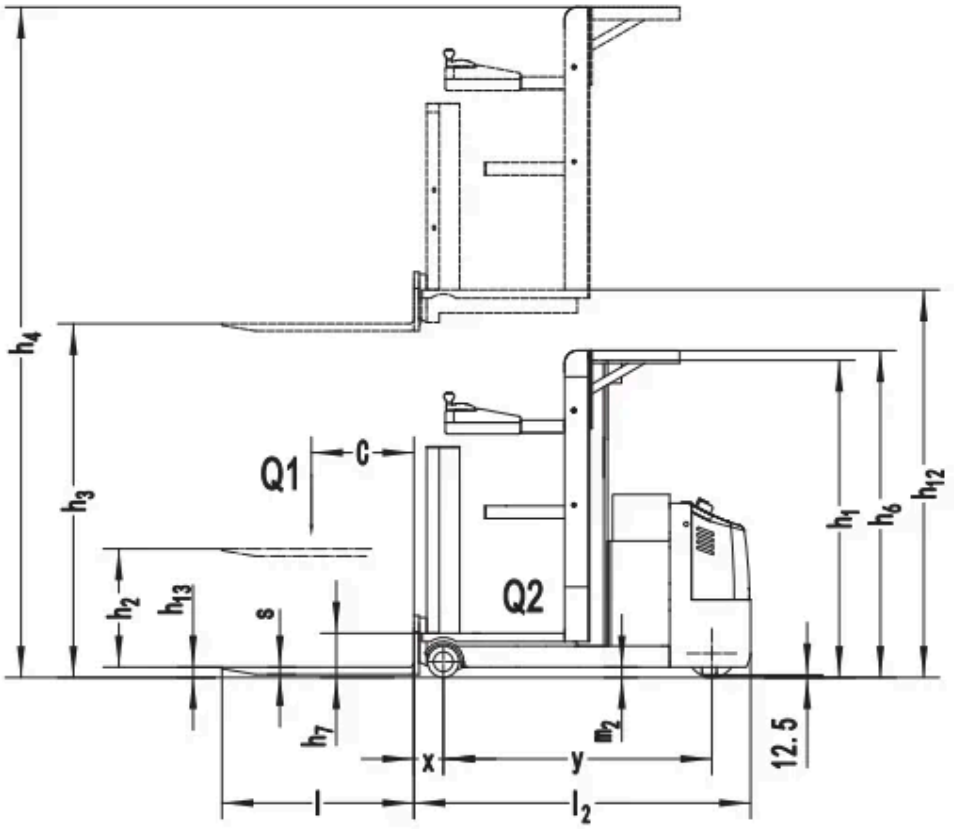
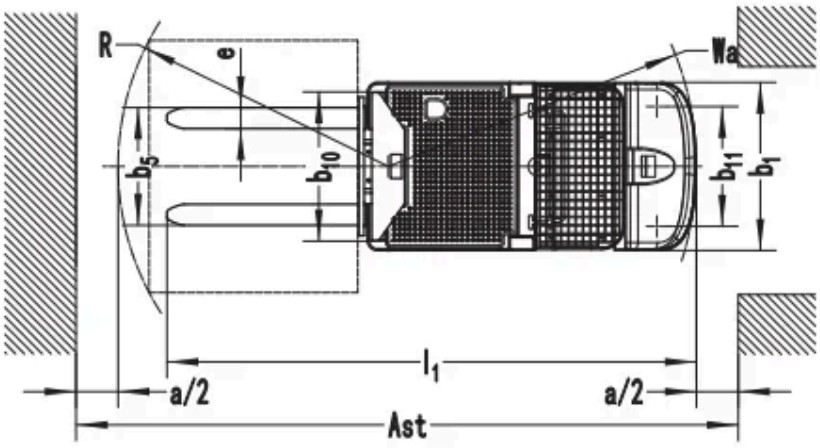
VDI Drawing





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

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ITEM	OPTIONS (optional items marked in yellow)
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	No
Battery side pull attachment	No

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