




JX2-3

MEDIUM LEVEL ORDER PICKER 0.7T

 700 kg
  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
Battery type			Lead Acid
Battery nominal capacity K5		Ah	360
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		mm	2725
Overall width	b_1/b_2	mm	800
Length to face of forks	l2	mm	1655
Fork dimensions	s/e/l	mm	35*100*1070
Turning radius		Wa	1515
Manufacturer			EP
Model designation			JX2-3

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

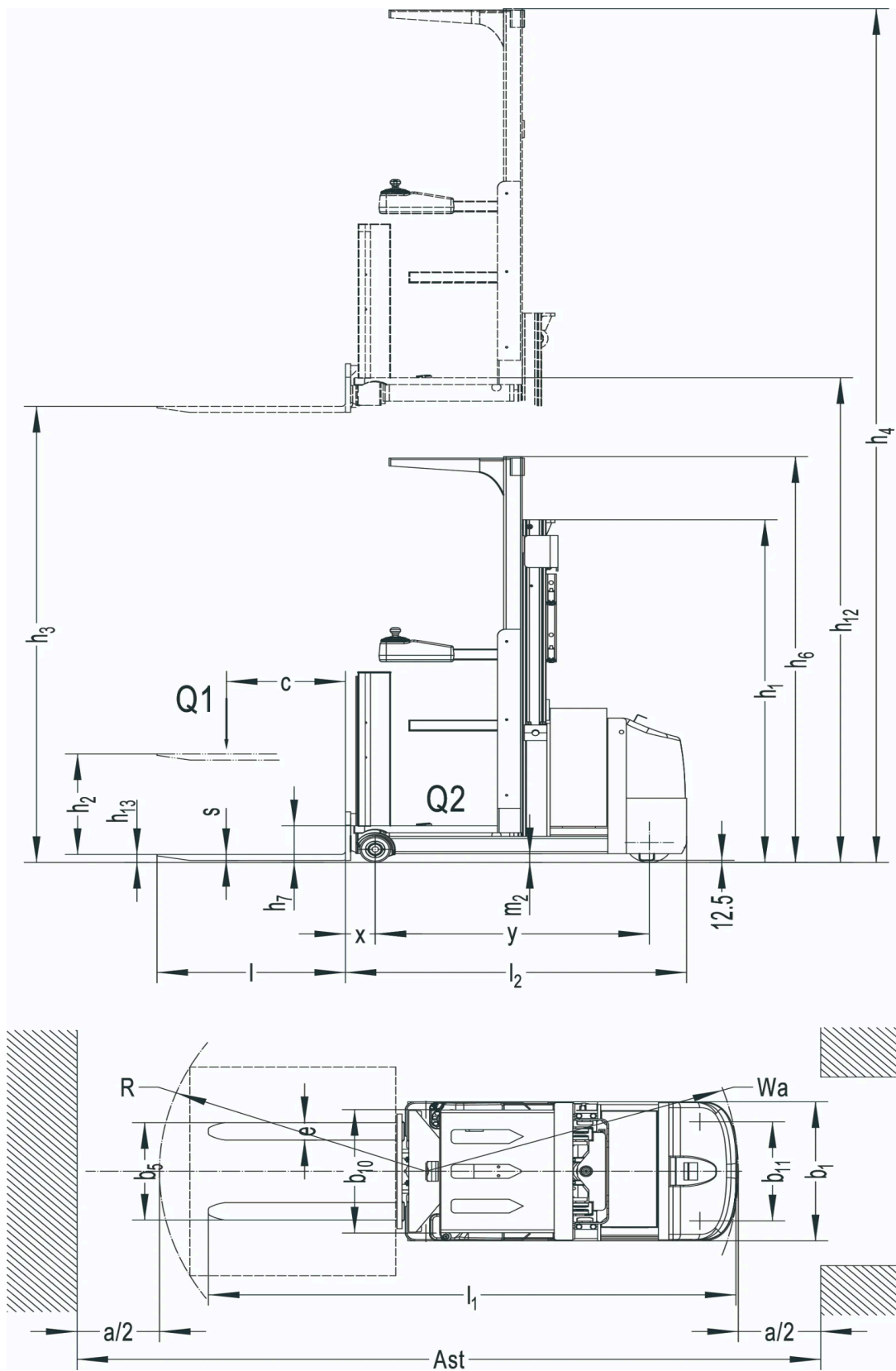
The elevated standing platform, ergonomic tiller, and electronic steering reduce operator fatigue, while safety is enhanced through wide visibility, electromagnetic braking, and optional warning systems.

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		mm	140
1.9	Wheelbase		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

SPECIFICATION		REF	UNIT	VALUE
3.1	Tyres			Polyurethane/Solidrubber
3.2	Tyre size, front		mm	φ150*90
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		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)		mm	2345
4.8	Seat height relating to SIP/stand height		mm	220
4.9	Height drawbar in driving position min./max.			50
4.10	Height of wheel arms		mm	220
4.14	Stand height, elevated			2620 3020
4.15	Height, lowered			63
4.19	Overall length		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		mm	100
4.25	Distance between fork-arms			560
4.26	Distance between wheel arms/loading surfaces			1330
4.32	Ground clearance, centre of wheelbase		mm	50
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	3050
4.34.2	Aisle width for pallets 800 × 1200 crossways		Ast	3160
4.35	Turning radius		Wa	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

SPECIFICATION		REF	UNIT	VALUE
6.1	Drive motor rating S2 60 min		kW	2.5
6.2	Lift motor rating at S3 15%		kW	3
6.4	Battery nominal capacity K5		Ah	360
6.4	Battery voltage		V	24
6.4.1	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



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
Charger	No 24V-50A EXternal
Battery display indicator (BDI)	With hourmeter
Safe hook	No
Traction pin	No
Anti-static chain	No
Castor wheels	Yes and not customized
Water auto-filling system	No
Warning lamp	Rear
Area warning lamp	700
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