



JX2-4

MEDIUM LEVEL ORDER PICKER 1.0T

1000 kg 3600 mm 24 V Lead Acid



The JX2-4 is designed for warehouses, retail distribution centers, and logistics hubs requiring stable, safe, and efficient order picking. Its strong mast and dual lifting system ensure reliable handling, while proportional lift and lowering enhance precision. Operators benefit from wide mast visibility, an ergonomic standing platform, and optional safety add-ons such as warning lamps and buzzers for use in busy environments.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Lead Acid
Battery nominal capacity K5		Ah	360
Battery voltage		V	24
Rated capacity	Q	kg	1000
Load centre distance	c	mm	600
Service weight		kg	2020 2061
Height, mast lowered	h_1	mm	2170-2360
Lift	h_3	mm	3200-3600
Height, mast extended	h_4	mm	5410 5855
Overall length		mm	2750
Overall width	b_1/b_2	mm	860
Length to face of forks	l2	mm	1680
Fork dimensions	s/e/l	mm	40/100/1070
Turning radius		Wa	1600
Manufacturer			EP
Model designation			JX2-4

Features

High lifting capacity

With a 1000 kg load capacity and lift heights up to 3.6 meters, the JX2-4 supports stable, efficient picking at medium rack levels.

Compact and agile design

At only 860 mm wide with a turning radius of 1600 mm, the truck is ideal for confined warehouse aisles and tight operating conditions.

Reliable Li-ion-ready battery system

Equipped with a 24V/360Ah battery and integrated 50A charger, the JX2-4 provides consistent runtime and supports opportunity charging with optional external systems.

Operator comfort and safety

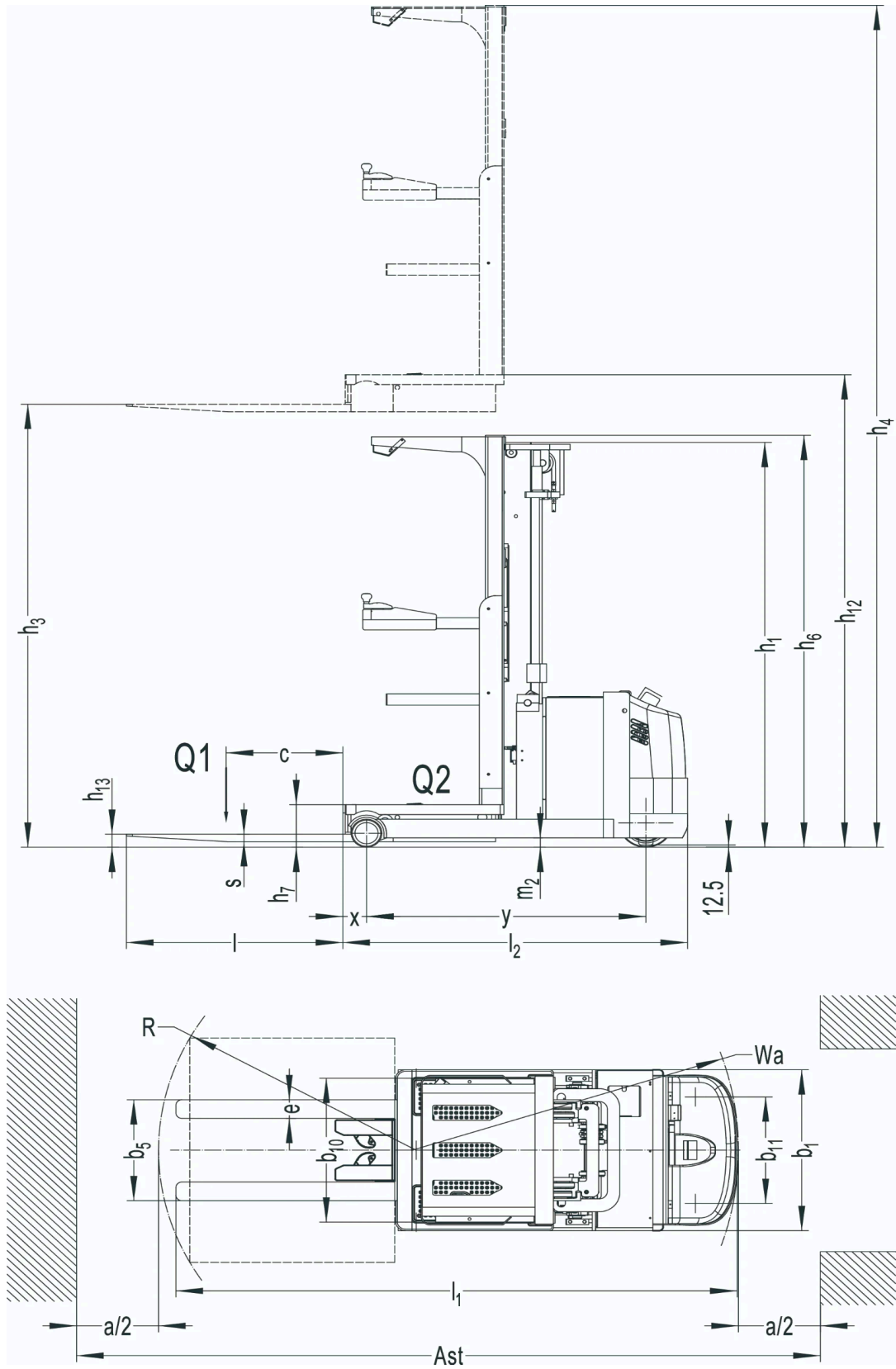
Ergonomic standing platform, wide mast visibility, electronic steering, and electromagnetic brakes ensure operator comfort and safe operation during intensive shifts.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			JX2-4
1.3	Drive			Electric
1.4	Operator type			Order-picker
1.5	Rated capacity	Q	kg	1000
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork		mm	115
1.9	Wheelbase		mm	1365
2.1	Service weight		kg	2020 2061
2.2	Axle loading, laden front/rear		kg	2367/789 2378/819
2.3	Axle loading, unladen front/rear		kg	814/1206 802/1259

SPECIFICATION		REF	UNIT	VALUE
3.1	Tyres			Polyurethane/Solidrubber
3.2	Tyre size, front		mm	φ165*120
3.3	Tyre size, rear		mm	φ260*105
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	740
3.7	Tread width, rear	b ₁₁	mm	570
4.1	Tilt of mast/fork carriage forward/backward		°	0
4.2	Height, mast lowered	h ₁	mm	2170-2360
4.3	Free lift		mm	-
4.4	Lift	h ₃	mm	3200-3600
4.5	Height, mast extended	h ₄	mm	5410 5855
4.6	Initial lift		mm	0
4.7	Height of overhead guard (cabin)		mm	2270
4.8	Seat height relating to SIP/stand height		mm	220
4.10	Height of wheel arms		mm	740
4.14	Stand height, elevated			3360 3815
4.15	Height, lowered			63
4.19	Overall length		mm	2750
4.20	Length to face of forks	l ₂	mm	1680
4.21	Overall width	b ₁ /b ₂	mm	860
4.22	Fork dimensions	s/e/l	mm	40/100/1070
4.24	Fork carriage width		mm	100
4.31	Ground clearance, laden, below mast		mm	2020
4.32	Ground clearance, centre of wheelbase		mm	50
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	3100
4.34.2	Aisle width for pallets 800 × 1200 crossways		Ast	3150
4.35	Turning radius		Wa	1600
5.1	Travel speed, laden/unladen		km/h	8/8
5.2	Lift speed, laden/unladen		m/s	0.13/0.16
5.3	Lowering speed, laden/unladen		m/s	0.41/0.25
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	3.3
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
6.6	Energy consumption according to DIN EN 16796		kWh/h	- ¹⁾
6.7	Turnover output according to VDI 2198			-
6.8	Turnover efficiency according to VDI 2198			-
8.1	Type of drive unit			AC
10.5	Steering design			Electronic
10.7	Sound pressure level at the driver's seat		dB(A)	70
15.1	Charger output current		A	50



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	1000*600, 2A, 100*40*1070 1000*600, 2A, 100*40*1200
Load wheel type	Single
Load wheel material	Rubber
Drive wheel material	PU
Battery capacity	No 360AH
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
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
Turtle speed	Yes
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
Pin code	AC