



JX2-1

MEDIUM LEVEL ORDER PICKER 0.7T

 700 kg  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
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	1620
Overall length		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	1470
Manufacturer			EP
Model designation			JX2-1
Drive			Electric
Operator type			Order-picker
Load distance, centre of drive axle to fork		mm	140

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.

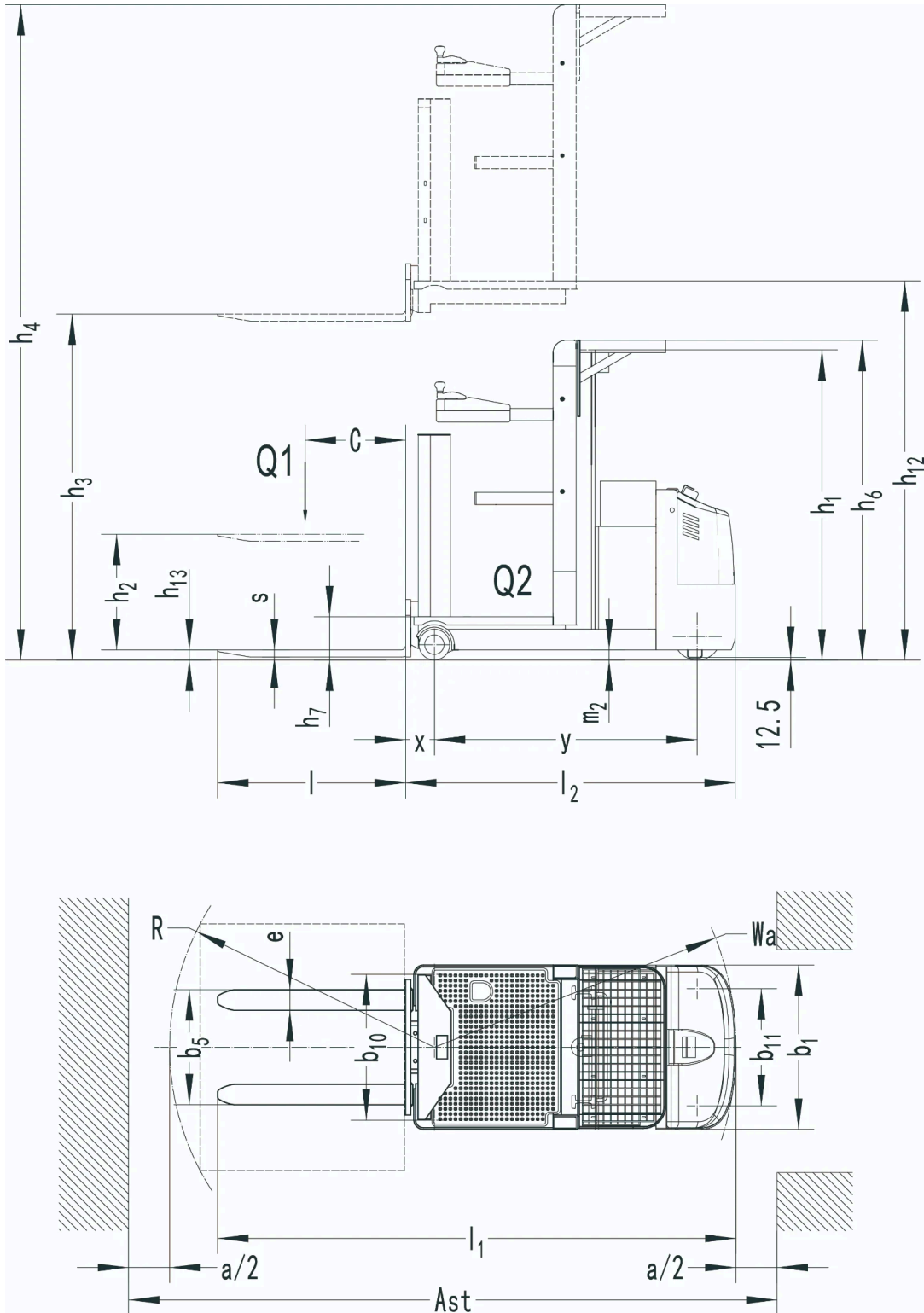
VDI Chart

	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		mm	140
1.9	Wheelbase		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

SPECIFICATION		REF	UNIT	VALUE
3.1	Tyres			Polyurethane/Solidrubber
3.2	Tyre size, front		mm	150*90
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
4.1	Tilt of mast/fork carriage forward/backward		°	0
4.8	Seat height relating to SIP/stand height		mm	220
4.9	Height drawbar in driving position min./max.			1220
4.15	Height, lowered			63
4.19	Overall length		mm	2520
4.20	Length to face of forks	12	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			560
4.31	Ground clearance, laden, below mast		mm	50
4.32	Ground clearance, centre of wheelbase		mm	50
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	2950
4.34.2	Aisle width for pallets 800 × 1200 crossways		Ast	3070
4.35	Turning radius		Wa	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	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

SPECIFICATION		REF	UNIT	VALUE
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

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
Drive wheel material	PU
Rear wheel material	Rubber
Battery capacity	No (standard) 360AH (optional)
Charger	No (standard) 24V-50A External (optional)
Battery display indicator (BDI)	With hourmeter
Safe hook	No
Traction pin	No
Anti-static chain	No
Warning lamp	Rear
Area 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
Guide wheel	No
USB interface	No
Battery side pull function	Yes and not customized
Cabin	No
Overhead guard	No
Battery side pull attachment	No
Anti-static chain	No