J2

LOW LEVEL ORDER PICKER

Task Support Vehicle



BIG JOE

SPECIFICATIONS



SUPERIOR OPERATOR ERGONOMICS

The J2 Joey Low Level Order Picker is a unique and effective solution featuring a mini mast with pallet forks. Its compact footprint and intuitive controls are common to the Joey lineup. With pallet forks that can be raised and lowered both independently and synchronously with the operator platform, this vehicle allows operators to pick and build loads at a comfortable position, then move and place these loads. Dual controls for forks-leading and forks-trailing operation help operators maintain comfort throughout their shifts.

FEATURES

Convenience and Productivity

The Big Joe J2 Low Level Order Picker has an elevating operator platform that raises to a height of 48 in. Dual side entry gates allow the operator to climb on and off the vehicle from either side. Attached to this platform is a single-stage mast with 30 in. of lift, which allows operators to build pallets of picked goods while keeping their work area at an ergonomic height.







Intuitive Controls

For forks-leading travel, J2 features controls integrated into flip-down arm rests that are easy to learn in a layout designed to maximize operator comfort. The operator's left hand operates a tiller-style steering wheel. The right hand controls forward and reverse travel using a lever, while lifting and lowering of the operator platform and mini mast are controlled with push buttons. A horn button is also conveniently located at the operator's right hand. For long runs with the forks trailing, an additional handle with thumb-controlled throttle allows the operator to maintain a comfortable stance.

FEATURES

Smart Features for Confident Operations

The J2 operator platform can be entered from either side and features a low step height for easy ingress. Side entry gates raise and lower with the control armrests, and gas spring assists make raising and lowering the side armrests easy for the operator.

Standard features such as the red flashing light and a lowering control valve accessible at the base of the chassis support both the operator and pedestrians working in the same area.





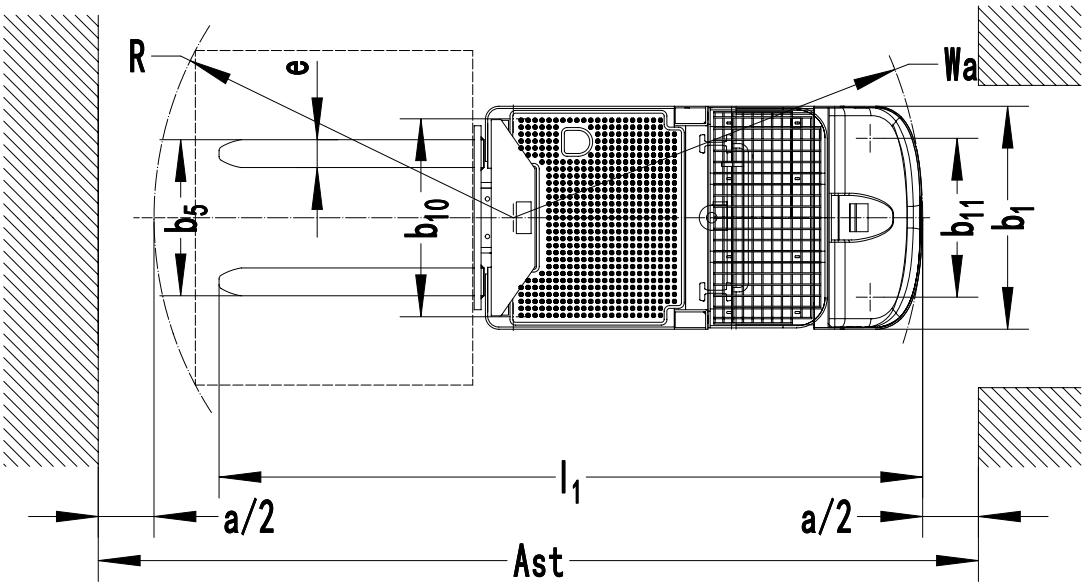
Built to Last

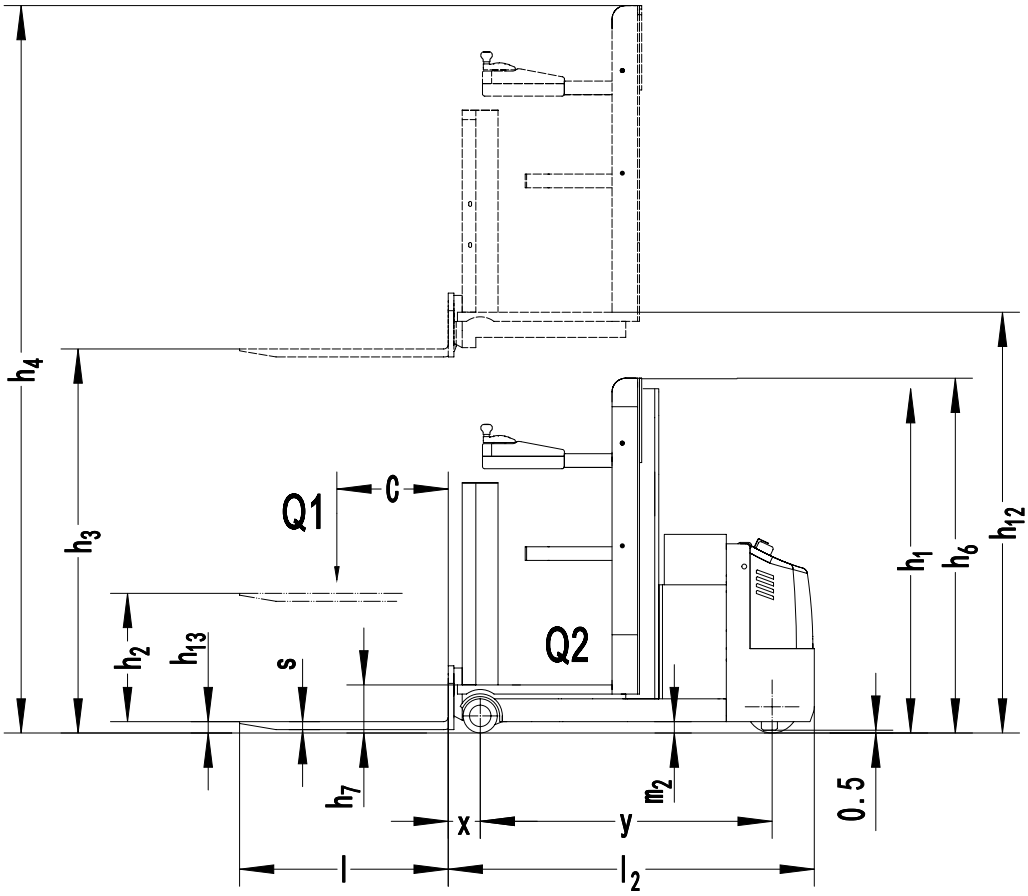
J2 utilizes an all-steel chassis and a rigid, rolled steel I-beam mast that delivers smooth operation and long-term durability. A single-piece power head cover gives ready access for maintenance.

Reliable Power

The 24V AC drive system that powers J2 can be run with either a maintenance-free absorbed glass mat (AGM) or industrial flooded lead acid battery. USB charge ports and a 12V DC outlet in the operator platform allow operators to power the tools needed in their application.

DIAGRAMS


R
e
Wa
b5
b10
b11
b1
l1
a/2
a/2
Ast


h4
h3
Q1
c
h2
h13
s
Q2
h1
h6
h12
h7
m2
0.5
x
y
l
l2

SPECIFICATIONS

Distinguishing mark	1.1	Manufacturer			Big Joe
	1.2	Model designation			J2-72
	1.3	Drive			Electric
	1.4	Operator type			Order Picker
	1.5	Load capacity	Q	lb.	2200
	1.8	Load distance, center of drive axle to fork face	x	in.	5.5
	1.9	Wheelbase	y	in.	50.4
Service weight	2.1	Service weight		lb.	3570
	2.2	Axle loading, laden (front / rear)		lb.	3970 / 1590
	2.3	Axle loading, unladen (front / rear)		lb.	1540 / 2030
Tires/chassis	3.1	Tire type, front / rear			Polyurethane
	3.2	Tire size, front		in.	9 x 3
	3.3	Tire size, rear		in.	5.9 x 3.5
	3.4	Additional wheels (caster wheels)			2 casters
	3.5	Wheels, number, front/rear (x=drive wheels)			1x, 2 / 2
	3.6	Tread width, front	b10	in.	28.0
	3.7	Tread width, rear	b11	in.	22.4
Dimensions	4.2	Height, mast lowered	h1	in.	60.0
	4.3	Free lift	h2	in.	32
	4.4	Lift height	h3	in.	30 - 72
	4.5	Height, mast extended	h4	in.	101
	4.7	Height of operator compartment	h6	in.	61.4
	4.8	Standing height	h7	in.	8.7
	4.14	Standing height, elevated	h12	in.	48
	4.19	Overall length	l1	in.	99.2
	4.21	Overall width	b1/b2	in.	31.5
	4.32	Ground clearance, center of wheelbase	m2	in.	2
	4.34.1	Right angle stack width[1]	Ast	in.	112
	4.35	Turning radius	Wa	in.	58
Performance Data	5.1	Travel speed, laden/unladen		mph	5 / 5
	5.2	Lifting speed, laden/unladen		fpm	26 / 32
	5.3	Lowering speed, laden/unladen		fpm	32 / 35
	5.10	Service brake			Regenerative
Electric	6.1	Drive motor rating S2 60min		kW	2.5
	6.2	Lift motor rating at S3 15%		kW	3.0
	6.4	Battery voltage / nominal capacity		V/Ah	See standard & optional equipment
	6.5	Battery weight		lb.	700
	8.1	Type of drive control			AC
Additional	10.5	Steering design			Electric
	15.1	Charger output current		A	See standard & optional equipment

[1] Right angle stack dimensions with 48 in. long pallet and no clearance.
Note: Joey J2 only for use indoors on smooth and level surfaces

STANDARD/OPTIONAL EQUIPMENT

● Standard
○ Optional

Drive System	24V infinitely variable travel control	●
	Brushless AC drive motor	●
	Electronic power steering	●
	Electromagnetic parking brake	●
Battery and Charging	29.1 x 11 x 30 in. battery compartment size	○
	Maintenance free AGM batteries, 24V / 224Ah with 120V, 25A output charger	○
	Industrial flooded lead acid battery, 24V / 340Ah	○
	External 120V, 40A output industrial lead acid battery charger	○
Wheels & Tires	Polyurethane drive tire	●
	Non-marking rubber trailing tires	●
	Polyurethane casters	●
	Stability tabs	●

Operator	Left-hand steering control	●
	Right-hand throttle, lift/lower and horn controls	●
	Forks-trailing throttle control with operator hand presence switch	●
	Cushioned floor mat with operator presence switch	●
	Dual side entry operator platform with flip-up gates	●
	Clear View mast guard	●
	Key switch start	●
	12V DC power outlet	●
Lights and Alarms	Front flashing beacon	●
	Audible backup alarm	○
	Audible travel alarm	○
Warranty	Rated lifespan: 8 years / 4,000 hours, whichever occurs first	●
	24 months / 2,000 hours - parts warranty - frame, weldment and drive train	●
	12 months / 1,000 hours - parts warranty - full vehicle	●
	6 months / 1,000 hours - pars & labor warranty - full vehicle	●















Established in 1951, Big Joe is a customer-driven North American material handling equipment company. We distribute innovative products for in-between-handling applications, purpose-built counterbalanced lithium forklifts, and market-leading autonomous solutions. Based in Madison, Wisconsin, we provide engineering expertise, customer service, aftermarket parts, and warranty support to our extensive dealer network and customers.



Certification: Big Joe lift trucks are built in compliance with ANSI B56.1 and OSHA section 1910.178(A)(2). Lift trucks specifications are subject to change without notice. Any specifications critical to the intended application of the forklift should be reviewed with your Big Joe dealer. Images may show optional equipment not available in all regions.

BIG JOE

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2026-10_14_V01