JO

Joey Zero

Task Support Vehicle



BIG JOE

SPECIFICATIONS



ELIMINATE LADDER RISK. IMPROVE PRODUCTIVITY

J0 is the most compact solution in Big Joe's lineup. This task support vehicle is a compact and flexible solution for those looking to replace ladders and improve productivity in warehouse, retail and other industrial and commercial operations. J0 can help workers do a wide range of elevated tasks commonly found in order picking, shelf stocking, inventory management, maintenance and assembly applications. Its simplicity of use and powered load tray makes this Joey model easy to incorporate into a variety of workflows.

FEATURES

Robust Construction

The J0 does not sacrifice durable design to deliver a compact footprint. This model features and all-steel chassis and a stout, rolled steel I-beam lifting mechanism that lends itself to rigidity and helps provide the operator with confidence when working in an elevated position. Comparable to a forklift mast, this design reduces unwanted movement and provides excellent durability. J0 offers a 750 lb. combined payload, including a 300 lb. capacity operator platform, 200 lb. capacity powered tray and 250 lb. capacity lower load deck.



Intuitive Controls

J0 features controls 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 lifting and lowering of the operator platform and load tray, which can be operated independently and features infinitely variable height adjustment. As goods are stacked on the loaded tray or when bulky items are handled, the lowered tray can help improve visibility over the load. A horn button is also conveniently located at the operator's right hand.

Forward and reverse travel is controlled by a thumb lever on the right hand grip. This provides fine motor control, allowing the operator to start, stop and control speed smoothly.





FEATURES

Smart Features for Confident Operations

The J0 operator platform features a low step height for easy ingress, and dual entry gates require little effort for the operator to enter or exit the platform. These gates automatically lock when the operator platform is elevated. An operator presence foot switch prevents travel and lifting without the operator's input. Similarly, a hand sensor built into the right-hand grip prevents travel without the operator's hand on the grip.

To help maintain smooth control, J0's travel speed is progressively reduced in four stages as the operator platform is raised. This design helps support stability while also maintaining productivity.

Standard features such as the forward-facing blue spot light, rear flashing beacon and a lowering control valve accessible at the base of the chassis support both the operator and pedestrians working in the same space.







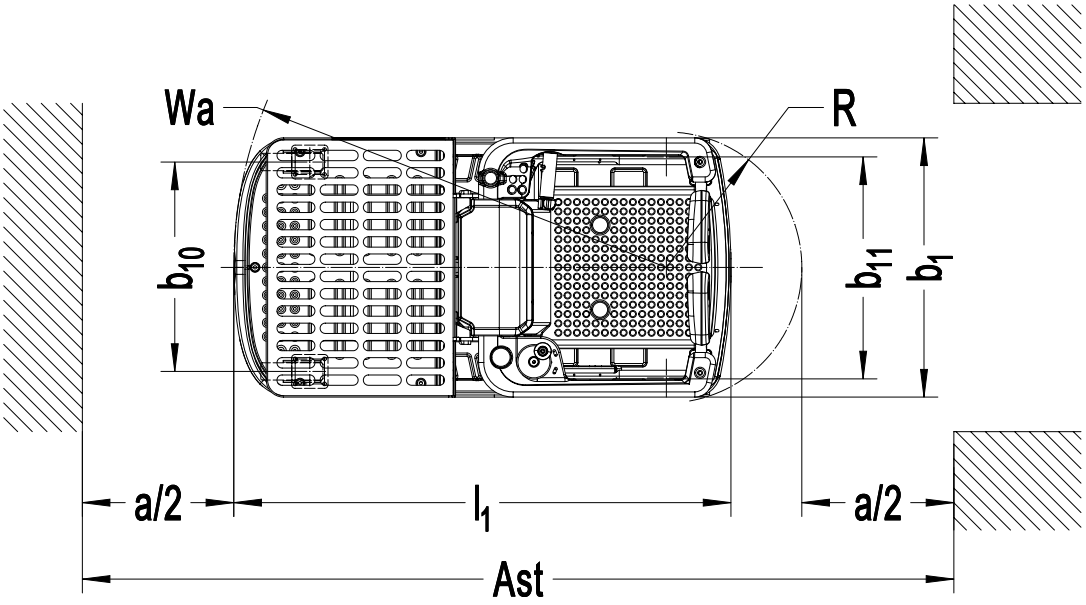
Quality Components

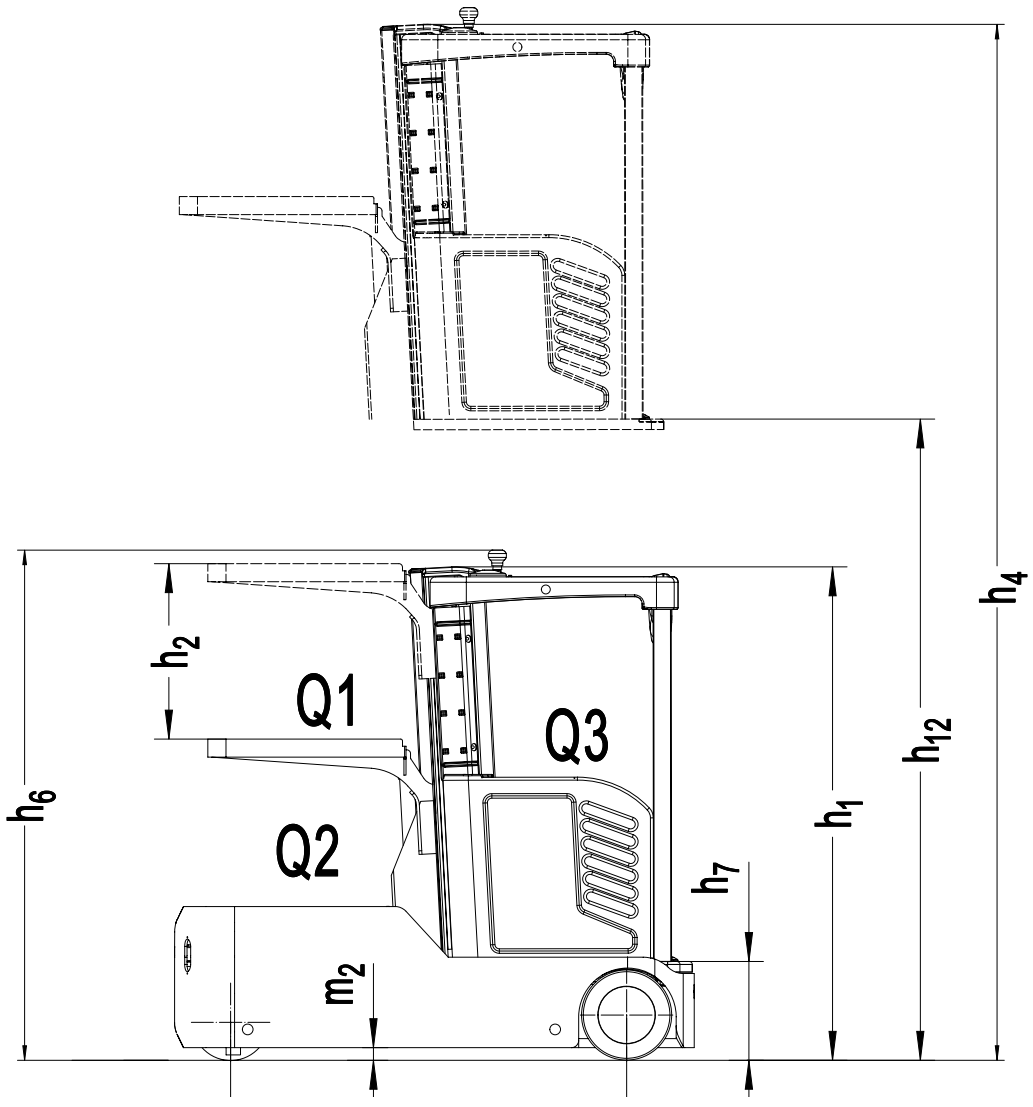
Powering J0 is a 24V permanent magnet DC drive motor that maximizes efficiency, paired with a DC lifting motor and premium motor controllers. The hydraulic system includes an integrated pump and reservoir tucked within the chassis. The load tray lifting cylinder is guarded by an angled cover to reduce the likelihood of damage from items stored on the lower load deck. The entire system is designed for smooth , quiet and reliable performance.

Maintenance-Free Batteries and Onboard Charger

J0 comes standard with maintenance-free absorbed glass mat (AGM) batteries that provide up to four hours of continuous operation. For longer life and consistent power delivery, a lithium-ion battery is also available. Both battery options include an onboard battery charger, which plugs conveniently into 120V outlets and includes storage for he power cord on the vehicle.

DIAGRAMS





SPECIFICATIONS

Distinguishing mark	1.1	Manufacturer			Big Joe
	1.2	Model designation			J0
	1.3	Drive			Electric
	1.4	Operator type			Order Picker
	1.5	Load capacity	Q	lb.	750
		Operator platform	Q3	lb.	300
		Powered load tray	Q1	lb.	200
		Lower load deck	Q2	lb.	250
	1.9	Wheelbase	y	in.	43
Service weight	2.1	Service weight		lb.	1850
	2.2	Axle loading, laden (front / rear)		lb.	1300 / 905
	2.3	Axle loading, unladen (front / rear)		lb.	840 / 930
Tires/chassis	3.1	Tire type, front / rear			Polyurethane / Non-marking rubber
	3.2	Tire size, front		in.	8.3 x 2.8
	3.3	Tire size, rear		in.	9.8 x 3.9
	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.	22
	3.7	Tread width, rear	b11	in.	25
Dimensions	4.2	Height, mast lowered	h1	in.	54
	4.3	Load tray lift	h2	in.	19
	4.5	Height, mast extended w/std LBR	h4	in.	161
	4.8	Standing height	h7	in.	11
	4.14	Standing height, elevated	h12	in.	118
	4.19	Overall length	l1	in.	56.5
	4.21	Overall width	b1/b2	in.	29.5
	4.31	Ground clearance, lowest point	m1	in.	0.7
	4.32	Ground clearance, center of wheelbase	m2	in.	1.4
	4.35	Turning radius	Wa	in.	49.6
		Operator platform (width x length)		in.	24 x 24
		Powered load tray (width x length)		in.	29 x 21
		Lower load deck (width x length)		in.	20 x 21
Performance Data	5.1	Travel speed, laden/unladen[1]		mph	3.7 / 4.0
	5.2	Lifting speed, laden/unladen		fpm	61 / 49
	5.3	Lowering speed, laden/unladen		fpm	61 / 49
	5.10	Service brake			Regenerative
Electric	6.1	Drive motor rating S2 60min		kW	0.7
	6.2	Lift motor rating at S3 15%		kW	2.2
	6.4	Battery voltage / nominal capacity		V/Ah	24 / 120
	6.5	Battery weight		lb.	170
	8.1	Type of drive control			DC
Additional	10.5	Steering design			Electric
	15.1	Charger output current		A	15

[1] Travel speed limited to 1.9 mph at 17.5 in. elevation, 1.3 mph at 37 in. elevation, 0.6 mph at 76 in. elevation
Note: Joey J0 only for use indoors on smooth and level surfaces

STANDARD/OPTIONAL EQUIPMENT

● Standard
○ Optional

Drive System	24V infinitely variable travel control	●
	Permanent magnet DC motor	●
	Electronic power steering	●
	Automatic, progressive travel speed limit when elevated	●
	Electromagnetic parking brake	●
Battery and Charging	Maintenance-free AGM batteries, 24V / 120Ah	●
	Onboard 120V battery charger	●
	Battery discharge indicator with hour meter	●
	135Ah Lithium-ion battery with onboard 120V charger	○
Wheels & Tires	Polyurethane drive tire	●
	Non-marking rubber trailing tires	●
	Polyurethane casters	●
	Stability tabs	●
	Rail guidance	○

Operator	Left-hand steering control	●
	Right-hand throttle, lift/lower and horn controls	●
	Powered front load tray with 200 lb. capacity	●
	Cushioned floor mat with operator presence switch	●
	Auto-locking swing entry gates	●
	Right-hand operator hand presence sensor	●
	Audible slope alarm	●
	Key switch start	●
Lights and Alarms	Front blue spot light	●
	Rear 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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