



# Task Support Vehicle Operator Elevations up to 192" JX1



- Intuitive controls and driving system designed for operator ergonomics
- Variety of battery and charger options AGM, Lithium, and Flooded
- Designed to combine elevated work platforms, order pickers, and tuggers
- Compact design while encompassing spacious work platform for operator comfort
- 180-degree articulating driveline for zero-turn capabilities
- Anti-fatigue mat for all-day order picking

Manufacturer			EP	EP	EP
Model designation			JX1	JX1	JX1
Drive			Electric	Electric	Electric
Base capacity	Q1	lb.	300 lbs operator compartment	300 lbs operator compartment	300 lbs operator compartment
	Q2	lb.	500 lbs front work platform	500 lbs front work platform	500 lbs front work platform
	Q3	lb.	200 lbs rear tray	200 lbs rear tray	200 lbs rear tray
		lb.		450 lbs operator + Tray above	400 lbs operator + Tray above
Wheelbase	y	in.	45.2"	45.2"	49"
Service weight		lb.	2617	2992	3696
Height of overhead/ guard cabin	h6	in.	62.6"	82.75"	83.25"
Lift height	h3	in.	126" to platform 159" to tray	162" to platform 195" to tray	192" to platform 225" to tray
Height, mast extended	h4	in.	178.6"	235"	265"
Overall length	l1	in.	59"	59"	63.25"
Overall width	b1/b2	in.	31.5"	31.5"	34"
Stand height, elevated	h12	in.	126"	162"	192"
Turning radius	Wa	in.	52.5"	52.5"	56"
Travel speed, loaded/unloaded		mph	3.4 mph standard 5 mph high speed option	3.4 mph standard 5 mph high speed option	3.4 mph standard 5 mph high speed option
Lifting speed, loaded/unloaded		fpm	33.5/41.3	33.5/41.3	33.5/41.3
Lowering speed, loaded/unloaded		fpm	68.9/51.2	68.9/51.2	68.9/51.2
Drive motor rating S2 60 min		kW	1.7	1.7	1.7
Battery voltage/nominal capacity		V/Ah	24V/224Ah AGM 24V/340Ah Lead-acid 24V/205Ah Li-ion	24V/224Ah AGM 24V/340Ah Lead-acid 24V/205Ah Li-ion	24V/224Ah AGM 24V/340Ah Lead-acid 24V/205Ah Li-ion

# Task Support Vehicle

## JX1

Distinguishing mark	1.1	Manufacturer				EP	EP	EP
	1.2	Model designation				JX1	JX1	JX1
	1.3	Drive				Electric	Electric	Electric
	1.4	Operator type				Order-picker	Order-picker	Order-picker
	1.5	Base capacity	Q1	lb.			300 lbs operator compartment	300 lbs operator compartment
Q2			lb.			500 lbs front work platform	500 lbs front work platform	500 lbs front work platform
Q3			lb.			200 lbs rear tray	200 lbs rear tray	200 lbs rear tray
			lb.				450 lbs operator + Tray above	400 lbs operator + Tray above
1.9	Wheelbase	y	in.		45.2"	45.2"	49"	
Service weight	2.1	Service weight		lb.		2617	2992	3696
	2.2	Axle loading, loaded front/rear		lb.		1449.1/2160.5	1631.4/2425.1	1716.6/2689.6
	2.3	Axle loading, unloaded front/rear		lb.		1080.3/1477.1	1146.4/1807.8	1190.5/2182.6
Tires/chassis	3.1	Tire type				Poly drive wheel Poly caster Poly rear wheel	Poly drive wheel Poly caster Poly rear wheel	Poly drive wheel Poly caster Poly rear wheel
	3.2	Tire size, front				9" x 3"	9" x 3"	9" x 3"
	3.3	Tire size, rear				8" x 3"	8" x 3"	8" x 3"
	3.4	Additional wheels (castor wheels)		in.		3" x 2"	3" x 2"	3" x 2"
	3.5	Wheels, number front/rear (x=drive wheels)		in.		1x,2/2	1x,2/2	1x,2/2
	3.6	Tread width, front	b <sub>10</sub>	in.		-	-	-
	3.7	Tread width, rear	b <sub>11</sub>	in.		29.1	29.1	34
Dimensions	4.2	Retracted mast height	h <sub>1</sub>	in.		62.6"	82.75"	83.25"
	4.3	Free lift	h <sub>2</sub>	in.		-	-	-
	4.4	Lift height	h <sub>3</sub>	in.		126" to platform 159" to tray	162" to platform 195" to tray	192" to platform 225" to tray
	4.5	Height, mast extended	h <sub>4</sub>	in.		178.6"	235"	265"
	4.7	Height of overhead guard (cabin)	h <sub>6</sub>	in.		62.6"	82.75"	83.25"
	4.8	Seat height/standing height	h <sub>7</sub>	in.		9.8	9.8	9.8
	4.14	Stand height, elevated	h <sub>12</sub>	in.		126"	162"	192"
	4.15	Lowered height	h <sub>13</sub>	in.		-	-	-
	4.19	Overall length	l <sub>1</sub>	in.		59"	59"	63.25"
	4.20	Length to face of forks	l <sub>2</sub>	in.		-	-	-
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub>	in.		31.5"	31.5"	34"
4.32	Ground clearance, center of wheelbase	m <sub>2</sub>	in.		2	2	2	
4.35	Turning radius	Wa	in.		52.5"	52.5"	56"	
Performance data	5.1	Travel speed, loaded/unloaded		mph		3.4 mph standard 5 mph high speed option	3.4 mph standard 5 mph high speed option	3.4 mph standard 5 mph high speed option
	5.2	Lifting speed, loaded/unloaded		fpm		33.5/41.3	33.5/41.3	33.5/41.3
	5.3	Lowering speed, loaded/unloaded		fpm		68.9/51.2	68.9/51.2	68.9/51.2
	5.8	Max. gradeability, loaded/unloaded		%		0	0	0
	5.10	Service brake				Electromagnetic	Electromagnetic	Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW		1.7	1.7	1.7
	6.2	Lift motor rating at S3 15%		kW		2.2	2.2	2.2
	6.4	Battery voltage/nominal capacity		V/Ah		24V/224Ah AGM 24V/340Ah Lead-acid 24V/205Ah Li-ion	24V/224Ah AGM 24V/340Ah Lead-acid 24V/205Ah Li-ion	24V/224Ah AGM 24V/340Ah Lead-acid 24V/205Ah Li-ion
	6.5	Battery weight		lb.		345	345	660
	6.6	Energy consumption according to DIN EN 16796		kWh/h		- <sup>1)</sup>	- <sup>1)</sup>	- <sup>1)</sup>
Additional data	8.1	Type of drive control				AC	AC	AC
	10.5	Steering design				Electronic	Electronic	Electronic
	10.7	Sound pressure level at the driver's ear		dB(A)		74	74	74
	15.1	Charger output current		A		25, 40, 27, 80	25, 40, 27, 80	25, 40, 27, 80

If there are improvements of technical parameters or configurations, no further notice will be given.  
The diagram shown may contain non-standard configurations.

