

7.3 Specifications

Models	SJ3215	SJ3219	SJ3220	SJ3226	SJ4726	SJ4732	SJ4740
Weight *	1148 kg 2531 lb	1476 kg 3255 lb	1776 kg 3917 lb	1900 kg 4190 lb	2511 kg 5537 lb	2484 kg 5476 lb	2934 kg 6467 lb
Overall width	0.82 m 32.28 in		0.84 m 33 in		1.20 m 47.29 in		
Overall length	1.80 m 70.87 in		2.33 m 91.61 in			2.40 m 94.66 in	
Overall length - RapidFold	-	1.81 m 71.26 in	-				
Platform size (inside)	0.65 m x 1.54 m 25.59 in x 60.63 in		0.7 m x 2.10 m 27.56 in x 82.75 in		1.06 m x 2.10 m 41.85 in x 82.75 in		1.06 m x 2.19 m 41.85 in x 86.21 in
Height							
Working height	6.27 m 21 ft 2 in	7.48 m 24 ft 6 in	7.78 m 25 ft 6.1 in	9.62 m 31 ft 7 in	9.65 m 31 ft 8 in	11.48 m 37 ft 8 in	13.69 m 44 ft 11 in
Platform elevated height	4.44 m 14 ft 7 in	5.65 m 18 ft 6 in	5.95 m 19 ft 6.1 in	7.79 m 25 ft 7 in	7.71 m 25 ft 7 in	9.65 m 31 ft 8 in	11.86 m 38 ft 11 in
Stowed height (railings down)	1.67 m 65.75 in	1.79 m 70.47 in	1.75 m 68.96 in	1.93 m 76.08 in	1.90 m 74.84 in	1.99 m 78.45 in	2.03 m 79.76 in
Stowed height - RapidFold (railings down)	-	2.02 m 79.70 in	-				
Stowed Height (railings up)	2.03 m 79.92 in	2.14 m 84.25 in	2.10 m 82.85 in	2.29 m 89.95 in	2.29 m 89.95 in	2.38 m 93.58 in	2.53 m 99.53 in
Elevated drive speed trip height	2.13 m 84 in	2.13 m 84 in	2.08 m 82 in	2.08 m 82 in	2.13 m 84 in	2.44 m 96 in	2.74 m 108 in
Pothole drive cutout height	2.20 m 86.5 in	2.7 m 108.5 in	2.04 m 80.50 in	2.43 m 95.63 in	2.62 m 103 in	3.07 m 120.88 in	3.86 m 152 in
Drive height	FULL						
Standard operating times							
Lift time (no load)	15 s	15 s	24 s	45 s	46 s	47 s	61 s
Lower time (no load)	22 s	32 s	32 s	71 s	66 s	57 s	48 s
Lift time (rated load)	17 s	17 s	28 s	47 s	52 s	50 s	68 s
Lower time (rated load)	16 s	24 s	24 s	58 s	49 s	47 s	41 s
Chassis							
Normal drive speed	3.38 km/h 2.1 mph		3.88 km/h 2.4 mph		3.24 km/h 2.0 mph		3.0 km/h 1.9 mph
Elevated drive speed	1.13 km/h 0.7 mph		0.97 km/h 0.6 mph		0.97 km/h 0.6 mph		0.8 km/h 0.5 mph
Gradeability (ramp angle)	25%						
Tires (solid rubber)	12 x 4 x 8			16 x 5 x 12			
Hydraulic oil							
Type	ATF Dexron III						
Tank capacity	11.3 L (3 gal)		30.3 L (8 gal)			28 L (7.5 gal)	
Sound pressure level at platform level							
Does not exceed:	70 db(A)						76 db(A)

* Weight with standard 0.9 m extension platform. Refer to serial nameplate for specific applications.

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7.4 Environment

Model	SJ3215	SJ3219	SJ3220	SJ3226	SJ4726	SJ4732	SJ4740
Electromagnetic compatibility (EMC)	Meets requirements of ISO 13766-1:2018						
Hazardous location rating	MEWP not rated for hazardous locations with potentially flammable gases, explosive gases or particles						MEWP not rated for hazardous locations with potentially flammable gases, explosive gases or particles
	<p>EE-rated machines only:</p> <p>Meets requirements of NFPA 505 (Class I, Division 2, Group D) and UL 583 standards. DO NOT charge the batteries in hazardous areas. Battery charging is not covered by/under the hazardous location rating of MEWP. Refer to the NFPA 505 publication for the charging setup.</p> <p>DO NOT use AC power on the platform.</p>						
Operating temperatures							
-20°C (-4°F) – +40°C (+104°F)							

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7.5 Maximum platform capacities (evenly distributed)

Model	Wind rating	Total platform capacity		Extension platform capacity		Manual side force
SJ3215	0 m/s [0 mph]	272 kg [600 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	272 kg [600 lb]	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ3219	0 m/s [0 mph]	227 kg [500 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	227 kg [500 lb]	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ3220	0 m/s [0 mph]	408 kg [900 lb]	2 Persons	136 kg [300 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	408 kg [900 lb]	1 Person	136 kg [300 lb]	1 Person	200 N [45 lbf]
SJ3226	0 m/s [0 mph]	227 kg [500 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	227 kg [500 lb]	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ4726	0 m/s [0 mph]	454 kg [1000 lb]	3 Persons	136 kg [300 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	454 kg [1000 lb]	2 Persons	136 kg [300 lb]	1 Person	400 N [90 lbf]
SJ4732	0 m/s [0 mph]	318 kg [700 lb]	2 Persons	113 kg [250 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	318 kg [700 lb]	1 Person	113 kg [250 lb]	1 Person	200 N [45 lbf]
SJ4740	0 m/s [0 mph]	350 kg [770 lb]	3 Persons	120 kg [265 lb]	1 Person	400 N [90 lbf]
	12.5 m/s [28 mph]	350 kg [770 lb]	1 Person	120 kg [265 lb]	1 Person	200 N [45 lbf]

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NOTE

Occupants and materials are not to exceed the rated load. Refer to the capacity label at the entrance of the platform and the front kick plate for more information and models equipped with options.

7.6 Floor loading pressure

Model		Weights				Pressures			
		MEWP weight		Max weight per wheel		LCP**		OFL**	
		kg	lb	kg	lb	kPa	psi	kPa	psf
SJ3215	Min*	1148	2531	290	640	670	97	7.9	164
	Max*	1420	3131	490	1080	1093	159	9.7	202
SJ3219	Min*	1476	3255	370	816	797	115.6	10.1	210.9
	Max*	1703	3755	608	1340	1159	168	11.7	244.4
SJ3220	Min*	1776	3917	445	981	536	78	9.6	201
	Max*	2184	4817	853	1880	749	109	11.9	248
SJ3226	Min*	1900	4190	475	1047	552	80	10.3	215
	Max*	2127	4690	794	1750	718	104	11.5	241
SJ4726	Min*	2511	5537	628	1384	632	92	9.5	198
	Max*	2965	6537	1161	2560	903	131	14.2	234
SJ4732	Min*	2484	5476	623	1374	630	91	9.4	197
	Max*	2809	6196	1066	2350	856	124	10.6	222
SJ4740	Min*	2934	6467	735	1620	688	100	10.0	208
	Max*	3284	7237	1270	2800	956	139	11.2	233

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- * **Min:** Minimum MEWP weight (Unloaded platform, no options/attachments)
Max: Maximum MEWP weight (Platform loaded to capacity with options/attachments)

Wheel is the weight that can be experienced on one wheel.

Note: This is more than 25% of the machine weight due to possible weight distribution over the machine and platform.

- ** **LCP:** Local Concentrated Pressure is a measure of how hard the MEWP presses on the area in direct contact with the floor/tire.
OFL: Overall Floor Load (Pressure) is a measure of the average load the MEWP imparts on the whole surface directly underneath the chassis. This has been calculated by dividing the MEWP weight by the overall floor area occupied by the MEWP (on wheels).

Note: The floor covering (e.g., tile, carpet, etc.) or the structure (e.g., beams) of the operating surface must be able to withstand more than the values indicated above.

Note: The LCP or OFL that an individual surface can withstand varies from structure to structure and is generally determined by the engineer or architect for that particular structure.