

Floor Loading Specs (A92.20)

340AJ Series | 450A Series



340AJ Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
340AJ	9700	4399.9	500	226.8	55.5	5.2	183.8	897.4	265/50D20	4800	2177.3	81	5.7	N/A

450A Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in Transport/Max**		Occupied Floor Pressure in Transport/Max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
450A	16300	7393.7	550	249.5	81.2	7.5	207.5	1013.2	12 X 16.5 FF	8900	4037.0	56.7	4.0	139.5
450AJ	14150	6418.4	550	249.5	81.2	7.5	181.0	883.9	33/1550 X 16.5	7200	3265.9	TBD	TBD	TBD
450AJ HC3	16550	7507	1000	454	81.2	7.5	216.1	1061.5	33/1550 X 16.5 FF	7950	3606	76	5.3	TBD

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

400S Series | 400S Series HC3

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
400S	14376	6521.0	1000	453.6	79.8	7.4	192.7	940.8	12 X 16.5FF	7200	3265.9	60	4.1	N/A
400S HC3	15040	6822.1	1000	453.6	79.4	7.4	202.0	986.4	12 X 16.5FF	8000	3629.0	64.5	4.5	124
460SJ	17394	7889.9	600	272.2	79.8	7.4	225.5	1101.0	12 X 16.5FF	7200	3265.9	60	4.1	N/A
460SJ HC3	20516	9306.1	1000	453.6	79.4	7.4	271.0	1318.9	33X12D610	10600	4808.2	97.1	6.8	107.3

400SC Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Rubber Track Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
400SC	14559	6604.0	1000	453.6	66.4	6.2	234.3	1144.1	N/A	12718	5768.9	5.21	0.4	TBD
460SJC	17998	8163.9	600	272.2	66.4	6.2	280.1	1367.6	N/A	12718	5768.9	8.35	0.6	TBD

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- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

600 Series | 600 Series HC3 | 670SJ Self-Leveling

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
600AJ Narrow	25792	11699.3	500	226.8	76.6	7.1	343.2	1675.9	36x14-20 SOLID	11700	5307.1	77	5.4	164
600AJ 2WS	23412	10619.7	500	226.8	91.2	8.5	262.2	1280.2	355/55D625	11700	5307.1	77	5.4	164
600AJ 4WS	24162	10959.9	500	226.8	91.2	8.5	270.4	1320.4	355/55D625	11700	5307.1	77	5.4	164
600AJ HC3	26057	11819.5	1000	453.6	91.2	8.5	296.5	1447.3	355/55D625	12800	5806.1	96.3	6.8	131
600S 2WS	22159	10051.3	1000	453.6	93	8.6	249.0	1215.9	355/55D625	11800	5352.5	83.1	4.7	197
600S 2WS	22399	10160.2	1000	453.6	93	8.6	251.6	1228.5	355/55D625	11800	5352.5	83.1	4.7	197
600S HC3	22900	10387.4	1000	453.6	93	8.6	257.0	1260.6	355/55D625	12760	5787.9	84	5.9	140
660SJ 2WS	26389	11970.1	750	340.2	91.6	8.5	296.3	1446.6	355/55D625	14720	6677.0	86.4	6.1	TBD
660J 4WS	26629	12078.9	750	340.2	91.6	8.5	298.9	1459.4	355/55D625	14720	6677.0	86.4	6.1	TBD
660SJ HC3	29281	13281.9	1000	453.6	91.6	8.5	330.6	1614.1	355/55D625	15522	7040.8	112	7.9	133.9
670J Self-Leveling	25341	11494.7	750	340.2	93	8.6	280.5	1369.8	355/55D625	TBD	0.0	85.1	6.0	TBD

600SC Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Rubber Track Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
660SJC	27620	12528	750	340.2	92.4	8.58	325.6	1590.0	N/A	N/A	0.0	11.3	0.8	TBD

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs (A92.20)

800 Series



800 Series | 800 Series HC3

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/ max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
800AJ 2WS	34738	15757.2	500	226.8	108.5	10.1	324.8	1585.8	18-625 FF	17755	8053.7	76	5.3	218
800AJ 4WS	34854	15809.8	500	226.8	108.5	10.1	321.2	1568.5	18-625 FF	17755	8053.7	76	5.3	218
800AJ HC3	37530	17023.0	1000	453.6	108.7	10.1	354.5	1730.4	18-625 FF	20200	9163	76	5.3	215.3
800S	34150	15490.4	1000	453.6	108.5	10.1	324.0	1581.8	18-625 FF	17350	7870.0	72	5.1	N/A
800S HC3	33030	14982.4	1000	453.6	107.2	9.96	317.5	1549.8	15-625 FF	17350	7870.0	72	5.1	N/A
860SJ	36888	16732	750	340.2	108.5	10.1	340.8	1664.2	15-625 FF	20200	9162.7	81	5.7	256
860SJ HC3	38040	17254.9	1000	453.6	107.2	10.0	364.3	1778.0	15-625 FF	21100	9571.0	104.6	7.4	180.8

** Occupied floor areas calculations noted in comments

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- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Hybrid Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in Transport/Max**		Occupied Floor Pressure in Transport/Max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
H340AJ	9860	4472.5	500	226.8	55.5	5.2	186.7	911.4	265/50D20 FF	5000	2268.0	64	4.5	N/A
H800AJ	35520	16111.9	500	226.8	108.5	10.1	332.0	1621.0	15-625 FF	N/A	0.0	76	5.3	N/A

Electric Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
E300AJP	15705	7123	500	226.8	30	2.8	530.0	2587.8	25 x 7 x 12	8200	3719.5	170	12.0	64
E400AJPn	14900	6758.6	500	226.8	42	3.9	366.7	1790.3	22 x 6 x 17.5 Front 25 x 7 x 12 Rear	7200	3265.9	185	13.0	39
E400An	12800	5806.1	500	226.8	30	2.8	443.3	2164.7	22 x 6 x 17.5 Front 25 x 7 x 12 Rear	6100	2767.0	95	6.7	45
E450AJ	14400	6531.8	500	226.8	51.1	4.7	291.6	1423.7	240/55-17.5	6900	3129.8	110	7.7	95
EC/H600SJ	16710	7579.7	500	226.8	96.2	8.9	178.9	873.5	TBD	7700	3492.7	52	3.7	146
EC/H600SJP	17210	7806.5	500	226.8	96.2	8.9	184.1	898.9	TBD	7700	3492.7	51	3.6	146

** Occupied floor areas calculations noted in comments

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- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Ultra Boom Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport**		Occupied Floor Area Max**		Occupied Floor Pressure in Transport		Occupied Floor Pressure		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	ft ²	m ²	lb/ft ²	kg/m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
1850SJ	59900	27170.6	1000	453.6	169.1	15.7	309.0	28.7	357.2	1744.0	195.5	954.4	445/50D 710 FF	36000	16329.6	119.6	8.4	2771
1500SJ	48000	21772.8	1000	453.6	137.5	12.8	210.4	19.5	352.7	1722.3	230.5	1125.5	445/50D 710 FF	28600	12973.0	113	7.9	TBD
1500AJP	57380	26027.6	1000	453.6	169.1	15.7	309.0	28.7	342.9	1674.1	187.6	916.2	445/50D710 FF	31000	14061.6	120	8.4	2441
1350SJP	44750	20298.6	1000	453.6	135.2	12.6	210.8	19.6	334.7	1634.2	214.7	1048.1	445/50D 710 FF	26250	11907.0	107	7.52	248
1200SJP	41100	18643.0	1000	453.6	135.2	12.6	210.8	19.6	307.7	1502.4	197.3	963.6	445/50D 710 FF	25000	11340.0	99	7.0	204
1250AJP	44000	19958.4	1000	453.6	137.5	12.8	210.4	19.5	323.6	1580.2	211.5	1032.7	445/50D 710 FF	23700	10750.3	100	7.0	246

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
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- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Compact Crawler Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area transport O/R stowed		Occupied Floor Area O/R deployed		Occupied Floor Pressure in Transport		Occupied Floor Pressure O/R deployed		Max Ground Bearing Pressure per Track		Max Ground Bearing Pressure per Outrigger		Max Outrigger Pad Load		Contact Area Outrigger	
	lbs	kg	lbs	kg	ft ²	m ²	ft ²	m ²	lb/ft ²	kg/m ²	lb/ft ²	kg/m ²	psi	kg/cm ²	psi	kg/sq cm	lbs	kg	in ²	cm ²
X430AJ	4932	2237	500	226.8	9.86	0.9	83.9	7.8	550.9	2689.9	64.7	316.1	8.2	0.6	34.1	2.4	TBD	0.0	103.9	670.4
X500AJ	5071	2300	500	226.8	12.58	1.2	89.6	8.3	442.8	2162.3	62.2	303.6	9.7	0.7	35.5	2.5	3892	1765.4	109.4	705.8
X600AJ	6571	2980	500	226.8	12.59	1.2	91.8	8.5	561.6	2742.3	77.0	376.1	9.2	0.6	45	3.2	4833	2192.2	109.4	705.8
X770AJ	9665	4384	500	226.8	21.62	2.0	174.4	16.2	470.2	2295.7	58.3	284.6	7.68	0.5	63	4.4	7020	3184.3	109.4	705.8
X1000AJ	16790	7616	500	226.8	26.77	2.5	312.1	29	652.7	3186.9	56	273.4	11.3	.8	58	4.1	11240	5098.5	194.8	1256.8

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
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- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Toucan Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	lbs	kg	psi	kg/sq m	in ²
20E	4875	2210	500	226.8	17.1	1.6	314.2	1534.0	2755.7	1250.0	254.5	17.9	TBD
26E	6900	3130	500	226.8	17.1	1.6	432.8	2113.1	3880.1	1760.0	318.6	22.4	TBD
32E	10140	4600	500	226.8	26.6	2.5	400.0	1953.3	5291	2400.0	184.9	13.0	TBD

Tow Pro Series

Model	Max Machine Weight ANSI/CSA		Maximum Platform Capacity		Occupied Floor Area Transport O/R Stowed		Occupied Floor Area O/R Deployed ANSI/CSA		Occupied Floor Pressure in Transport		Occupied Floor Pressure O/R deployed ANSI/CSA		Tire	Max Tire Load		Max Ground Bearing Pressure		Max Outrigger Pad Load		Contact Area Radial		Contact Area Outrigger	
	lbs	kg	lbs	kg	ft ²	m ²	ft ²	m ²	lb/ft ²	kg/m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	lbs	kg	in ²	cm ²	in ²	cm ²
T350	3400	1542.2	500	226.8	36.6	3.4	141.1	13.1	106.6	520.3	27.6	135.0	N/A	1984	899.9	22.5	1.6	1950	884.5	33	83.8	85.6	2174
T500J	4750	2154.6	500	226.8	36.6	3.4	141.1	13.1	143.4	700.4	37.2	181.7	N/A	3190	1447.0	30.7	2.2	2740	1242.9	41	104.1	85.6	2174

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- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs (A92.20)

Scissors - Electric



Model	Max Machine Weight	Maximum Platform Capacity	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R Deployed	Tire	Max Wheel Load	Max Ground Bearing Pressure	Leveling Jack Bearing Pressure	Machine Dimensions (H x L x W)	Turning Radius - Outside	
	lbs	lbs	lb/ft ²	lb/ft ²	size	lbs	psi	psi	ft	in	
R Series	R1932i	2725	507	222.3	N/A	100 x 323	1365	103	N/A	6.9 x 5.73 x 2.67	66
	R1932	3450	507	272.1	N/A	100 x 323	1540	114	N/A	6.9 x 5.73 x 2.67	66
	2632R - INDOOR	4280	507	228.0	N/A	406 x 127	1373	92	N/A	7.35 x 7.86 x 2.67	88.2
	2632R - OUTDOOR	4280	275	216.9	N/A	406 x 127	1373	92	N/A	7.35 x 7.86 x 2.67	88.2
	R2632 - INDOOR	4280	507	228.0	N/A	406 x 127	1373	92	N/A	7.35 x 7.86 x 2.67	88.2
	R2632 - OUTDOOR	4280	275	216.9	N/A	406 x 127	1373	92	N/A	7.35 x 7.86 x 2.67	88.2
	R2646 - IN/OUT	5267	1200	214.9	N/A	125 x 406	2000	137	N/A	7.46 x 7.86 x 3.83	88
	3246R - INDOOR	5410	705	203.2	N/A	406 x 127	2150	131	N/A	8.03 x 7.86 x 3.83	88
	3246R - OUTDOOR	5410	507	196.6	N/A	406 x 127	2150	131	N/A	8.03 x 7.86 x 3.83	88
	R3246 - INDOOR	5410	705	203.2	N/A	406 x 127	2150	131	N/A	8.03 x 7.86 x 3.83	88
	R3246 - OUTDOOR	5410	507	196.6	N/A	406 x 127	2150	131	N/A	8.03 x 7.86 x 3.83	88
	4045R - INDOOR	7000	770	259	N/A	16 x 5	2680	137	N/A	8.33 x 8.83 x 3.75	100
	4045R - OUTDOOR	7000	550	259	N/A	16 x 5	2680	137	N/A	8.33 x 8.83 x 3.75	100
	ES Series	ES1330L	1975	500	225.4	N/A	10 x 3	1365	119	N/A	5.98 x 4.68 x 2.5
ES1530L		1935	500	221.8	N/A	10 x 3	1365	126	N/A	6.23 x 4.68 x 2.5	55
1930ESi - INDOOR		3435	500	257.0	N/A	100 x 323	1540	109	N/A	-	-
1930ES - OUTDOOR		3435	265	241.7	N/A	100 x 323	1540	109	N/A	-	-
ES1932i		2762	507	224.8	N/A	100 x 323	1365	103	N/A	6.9 x 5.73 x 2.67	66
ES1932		3450	507	272.1	N/A	100 x 323	1540	114	N/A	6.9 x 5.73 x 2.67	66
2032ES - INDOOR		4335	800	255.1	N/A	125 x 406	1835	81	N/A	-	-
2032ES - OUTDOOR		4335	350	232.7	N/A	125 x 406	1835	81	N/A	-	-

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Refer to machine operation manual for details. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs (A92.20)

Scissors - Electric



Model		Max Machine Weight	Maximum Platform Capacity	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R Deployed	Tire	Max Wheel Load	Max Ground Bearing Pressure	Leveling Jack Bearing Pressure	Machine Dimensions (H x L x W)	Turning Radius - Outside
		lbs	lbs	lb/ft ²	lb/ft ²	size	lbs	psi	psi	ft	in
ES Series	2632ES	4700	500	258.3	N/A	125 x 406	1835	90	N/A	7.78 x 7.54 x 2.67	81
	ES2632 - INDOOR	4400	507	233.7	N/A	125 x 406	1705	107	N/A	7.35 x 7.86 x 2.67	88.2
	ES2632 - OUTDOOR	4400	275	222.6	N/A	125 x 406	1705	107	N/A	7.35 x 7.86 x 2.67	88.2
	ES2646 - IN/OUT	5295	1200	251.8	N/A	127 x 406	2120	122	N/A	7.46 x 7.86 x 3.83	88
	2646ES	6035	1000	224.0	N/A	125 x 406	2320	87	N/A	7.73 x 8.21 x 3.83	95.1
	3246ES	6450	700	227.7	N/A	125 x 406	2320	87	N/A	7.73 x 8.21 x 3.83	95.1
	ES3246 - INDOOR	5620	705	210.1	N/A	125 x 406	2150	140	N/A	8.03 x 7.86 x 3.83	88
	ES3246 - OUTDOOR	5620	507	203.6	N/A	125 x 406	2150	140	N/A	8.03 x 7.86 x 3.83	88
LE /M	4069LE/M4069	11500	800	215.0	175.7	240/55-17.5	3700	61	N/A	9.21 x 10 x 5.75	186
ERT Series	ERT2669	8250	1500	159.5	130.6	26 x 12	3600	40	27.1	8.05 x 11.58 x 5.77	186
	ERT3669	9425	1000	182.2	149.2	26 x 12	3600	40	30.1	8.57 x 11.58 x 5.77	186
	ERT4069	10558	800	204.1	167.1	26 x 12	3950	44	34.7	8.05 x 11.58 x 5.77	186
	ERT4769	15200	800	293.2	140.6	26 x 12	5000	56	49.9	9.06 x 11.58 x 5.77	186

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Refer to machine operation manual for details. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs (A92.20)

Scissors - Engine



Model		Max Machine Weight	Maximum Platform Capacity (indoor/outdoor if specified)	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R Deployed	Tire	Max Wheel Load	Max Ground Bearing Pressure	Leveling Jack Bearing Pressure	Machine Dimensions (H x L x W)	Turning Radius - Outside
		lbs	lbs	lb/ft ²	lb/ft ²	size	lbs	psi	psi	ft	in
RT Series	RT2669	8090	1500	156.4	128	26 x 12	3600	40	26.6	8.05 x 11.58 x 5.77	186
	RT3369	9080	1000	175.5	143.7	26 x 12	3600	40	29.8	8.57 x 11.58 x 5.77	186
	RT4069	10540	800	203.7	166.8	26 x 12	3950	44	34.6	8.05 x 11.58 x 5.77	186
	RT4769	15200	800	293.8	240.6	26 x 12	5000	56	49.9	9.06 x 11.58 x 5.77	186
Large RT Series	RT3394/330LRT (1 EXT)	11820	2250	148.9	123.4	12 X 16.5 FF	4400	48	69	9.08 x 16 x 7.75	233.5
	RT4394/430LRT (1 EXT)	14300	1500	167.2	138.6	12 X 16.5 FF	4400	56	69	9.83 x 16 x 7.75	233.5
	RT5394/530LRT (1 EXT)	17000	1500	195.6	164.6	12 X 16.5 FF	5500	26.5	70	10.42 x 16 x 7.58	237

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Refer to machine operation manual for details. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs (A92.20)

Verticals | Stockpickers



Model		Max Machine Weight	Maximum Platform Capacity	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R deployed	Max Ground Bearing Pressure Front	Max Ground Bearing Pressure Rear	Max Wheel Load Front	Max Wheel Load Rear	Max Outrigger Pad Load	Contact Area Outrigger	Machine Dimensions (H x L x W)	Turning Radius - Outside
		lbs	lbs	lb/ft ²	lb/ft ²	psi	psi	lbs	lbs	lbs	in ²	ft	in
MSP Series	10MSP	1768	350	224.6	N/A	165	95	690	710	N/A	N/A	4.8 x 5.1 x 2.5	65
	20MSP	2390	400	254	N/A	259	131	565	850	N/A	N/A	6.5 x 4.5 x 2.5	62.3
ES	1230ES	1775	500	366.9	N/A	117	88	1000	750	N/A	N/A	5.5 x 4.6 x 2.5	58
MVL	20MVL	2320	350	252	N/A	277	132	480	855	N/A	N/A	6.5 x 4.5 x 2.5	62.3
AM Series	25AM (DC)/(AC)	905/825	350	191/179	43/40	49	49	N/A	N/A	510	10	6.5 x 4.0 x 2.4	N/A
	30AM (DC)/(AC)	1110/1030	300	214/202	38/36	49	49	N/A	N/A	510	10	6.5 x 4.3 x 2.4	N/A
	38AM (DC)/(AC)	1395/1265	300	258/238	35/33	49	49	N/A	N/A	510	10	8.7 x 4.8 x 2.4	N/A

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Refer to machine operation manual for details. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs (A92.20)

Low Level Access



Model		Max Machine Weight	Maximum Platform Capacity	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R deployed	Max Ground Bearing Pressure Front	Max Ground Bearing Pressure Rear	Max Wheel Load Front	Max Wheel Load Rear	Max Outrigger Pad Load	Contact Area Outrigger	Machine Dimensions (H x L x W)	Turning Radius - Outside	
		lbs	lbs	lb/ft ²	lb/ft ²	psi	psi	lbs	lbs	lbs	in ²	ft	in	
Low Level Access	EcoLift Series	EcoLift 50	397	330	95	N/A	58	74	260	260	N/A	N/A	5.1 x 3.2 x 2.4	N/A
		EcoLift 70	672	330	99	N/A	91	91	320	320	N/A	N/A	6.4 x 4.2 x 2.4	N/A
	LiftPod Series	FT70	208	330	58	N/A	85	67	170	170	N/A	N/A	5.4 x 3.7 x 2.5	N/A
		FT140	326	330	26	N/A	79	79	200	200	N/A	N/A	6.6 x 4.8 x 5.3	N/A
		830P	628	440	110	N/A	99	99	345	345	N/A	N/A	5.1 x 3.9 x 2.5	N/A

- Maximum Machine Weight - The weight of the machine in its heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Refer to machine operation manual for details. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs

SkyTrak Telehandlers



Model	Serial Number Range	Maximum Laden Machine Weight Stowed (boom level, retracted O/R up)		Occupied Floor Area		Occupied Floor Pressure		Maximum Outrigger Load		Outrigger Maximum Ground Bearing Pressure		Maximum Tire Load		Maximum Tire Ground Bearing Pressure			
		lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	lbs	kg	lb/in ²	kg/cm ²	lbs	kg	lb/in ²	kg/cm ²	lb/ft ²	kg/m ²
3013	SOP - present	9534	4325	40	3.7	236	1155	N/A	N/A	N/A	N/A	4767	2163	75.3	5.3	10843.2	53000
6036	0160069720-present	31299	14200	191	17.8	164	799	N/A	N/A	N/A	N/A	15650	7100	177	12.4	25488	124000
6042	0160069721-present	35149	15945	198	18.4	178	868	N/A	N/A	N/A	N/A	17575	7973	187	13.1	26928	131000
8042	0160069723-present	38249	17352	196	18.2	195	953	N/A	N/A	N/A	N/A	19125	8676	190	13.4	27360	134000
10042	0160069728-present	41630	18882	216	20.1	193	941	20815	9441	98	6.9	20815	9441	168	11.8	24192	118000
10054	0160069719-present	42980	19497	214	19.9	200	979	21490	9749	102	7.2	21490	9749	172	12.1	24768	121000
12054	SOP - present	46580	21129	214	19.9	217	1061	23290	10565	112	7.9	23290	10565	183	12.9	26352	129000

- Maximum Machine Weight - The weight of the machine in its heaviest configuration, excluding the attachment and rated load.
- Rated Load - The maximum capacity rating given in the load chart for the machine and the indicated attachment.
- Occupied Floor Area - The projected ground area of the machine in the stowed position (outriggers up, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width.
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load. "Max weight divided by projected area."
- Maximum tire/Outrigger Load - The maximum load that is supported by one front tire or outrigger pad while the machine is in its working configuration, supporting its rated load at the instant of forward tip. "Max Weight divided by 2" (two front tires).
- Maximum Tire/Outrigger Ground Bearing Pressure - The maximum pressure that is exerted by one front tire or outrigger pad while the machine is in its working configuration and supporting its rated load at the moment of forward tip.

Floor Loading Specs

JLG Telehandlers



Model	Serial Number Range	Maximum Laden Machine Weight Stowed (boom level, retracted, O/R up)		Occupied Floor Area		Occupied Floor Pressure		Maximum Outrigger Load		Outrigger Maximum Ground Bearing Pressure		Maximum Tire Load		Maximum Tire Ground Bearing Pressure			
		lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	lbs	kg	lb/in ²	kg/cm ²	lbs	kg	lb/in ²	kg/cm ²	lb/ft ²	kg/m ²
G5-18A	0160053000- present	18825	8539	99	9.2	191	931	N/A	N/A	N/A	N/A	9413	4269	235	16.5	33840	165000
642- no longer in production	SOP - 4/17/17	32854	14903	185	17.2	178	868	16427	7451.4	99	7.0	16427	7451	210	14.8	30240	148000
742	SOP - present	31347	14218	185	17.2	169	825	N/A	N/A	N/A	N/A	15674	7109	210	14.8	30240	148000
943	SOP - present	38368	17403	192	17.9	200	975	N/A	N/A	N/A	N/A	19184	8702	221	15.6	31824	156000
1043	SOP - present	40215	18241	192	17.9	209	1021	20108	9121	120	8.4	20108	9121	222	15.6	31968	156000
1055	SOP - present	45329	20561	207	19.2	219	1071	22665	10281	136	9.6	22665	10281	240	16.9	34560	169000
1075	SOP - present	55519	25183	230	21.3	242	1181	27760	12592	167	12	27760	12592	164.4	11.6	23673.6	116000
1255	SOP - present	50016	22687	207	19.2	242	1182	25008	11344	148	10.4	25008	11344	248	17.4	35712	174000
1644	SOP - present	51002	23134	196	18.2	261	1274	N/A	N/A	N/A	N/A	25501	11567	162	11.4	23256	114000
1732	SOP - present	49861	22617	189	17.6	264	1288	N/A	N/A	N/A	N/A	24931	11308	161	11.3	23170	113000

- Maximum Machine Weight - The weight of the machine in its heaviest configuration, excluding the attachment and rated load.
- Rated Load - The maximum capacity rating given in the load chart for the machine and the indicated attachment.
- Occupied Floor Area - The projected ground area of the machine in the stowed position (outriggers up, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width.
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load. "Max weight divided by projected area."
- Maximum tire/Outrigger Load - The maximum load that is supported by one front tire or outrigger pad while the machine is in its working configuration, supporting its rated load at the instant of forward tip. "Max Weight divided by 2" (two front tires).
- Maximum Tire/Outrigger Ground Bearing Pressure - The maximum pressure that is exerted by one front tire or outrigger pad while the machine is in its working configuration and supporting its rated load at the moment of forward tip.

Floor Loading Specs

Scissors - Electric | Engine



Pre-A92.20 Specs

Model			Max Machine Weight	Maximum Platform Capacity (indoor/outdoor if specified)	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R Deployed	Tire	Max Wheel Load	Max Ground Bearing Pressure	Leveling Jack Bearing Pressure	Machine Dimensions (H x L x W)	Turning Radius - Outside
			lbs	lbs	lb/ft ²	lb/ft ²	size	lbs	psi	psi	ft	in
Electric Scissors	R Series	1932R	2710	550	214	N/A	12 x 4	1365	130	N/A	6.6 x 5.8 x 2.7	66
		4045R	7000	770/550	259	N/A	16 x 5	2680	137	N/A	8.3 x 8.8 x 3.8	100
	ES Series	1930ES	2710	500	210	N/A	12.5 x 4	1365	109	N/A	6.5 x 6.2 x 2.5	69
		2032ES	3610	800	219	N/A	16 x 5	1660	81	N/A	7.3 x 7.6 x 2.7	81
		2632ES	4635	800	270	N/A	16 x 5	1855	90	N/A	7.7 x 7.6 x 2.7	81
		2646ES	4975	1000	190	N/A	16 x 5	2070	87	N/A	7.8 x 8.3 x 3.8	95
		3246ES	4975	1000	190	N/A	16 x 5	2070	87	N/A	7.8 x 8.3 x 3.8	95
	LE Series	3369LE	9760	1000	188	154	240/55 x 17.5	3200	57	N/A	9.0 x 10.3 x 5.8	186
		M3369LE									9 x 10.2 x 5.8	
		4069LE	10560	800	199	162	240/55 x 17.5	3700	61	N/A	9.3 x 10.3 x 5.8	186
M4069LE		9 x 10.2 x 5.8										
Engine Powered Scissors	LRT Series	330LRT 1 EXT	11820	2250	149	123	12 X 16.5	4400	48	69	9.1 x 6.1 x 7.8	234
		330LRT 2 EXT	12350	2000	152	126						
		330LRT Mega Deck	14225	2000	172	142						
		430LRT	14300	1500	167	139	12 X 16.5	4400	56	69	9.8 x 12.8 x 7.8	234
		430LRT 2 EXT	14830	1250	170	141						
		530LRT	17000	1500	195	165						
	530LRT 2 EXT	17300	198		167	12 X 16.5	5500	27	70	10.1 x 17.0 x 7.6	233	
	530LRT Mega Deck	17800	203		172							
	MRT	260MRT	7330	1250	172	132	26 x 12	2600	33	50	7.8 x 8.8 x 5.8	173

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs

Verticals | Stockpickers



Pre-A92.20 Specs

Model			Max Machine Weight	Maximum Platform Capacity	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R deployed	Max Ground Bearing Pressure Front	Max Ground Bearing Pressure Rear	Max Wheel Load Front	Max Wheel Load Rear	Max Outrigger Pad Load	Contact Area Outrigger	Machine Dimensions (H x L x W)	Turning Radius - Outside
			lbs	lbs	lb/ft ²	lb/ft ²	psi	psi	lbs	lbs	lbs	in ²	ft	in
Self Propelled Verticals	MSP Series	10MSP	1100	350	167	N/A	152	87	400	575	N/A	N/A	4.8 x 5.1 x 2.5	65
		15MSP	2280	500	262	N/A	233	130	615	860	N/A	N/A	6.5 x 4.5 x 2.5	62.3
		20MSP	2280	400	253	N/A	214	128	565	850	N/A	N/A	6.5 x 4.5 x 2.5	62.3
	ES	1230ES	1740	500	201	N/A	117	88	1000	750	N/A	N/A	5.4 x 4.6 x 2.5	58
	MVL Series	15MVL	2235	500	258	N/A	208	130	550	865	N/A	N/A	6.5 x 4.5 x 2.5	62.3
		20MVL	2235	350	244	N/A	182	129	480	855	N/A	N/A	6.5 x 4.5 x 2.5	62.3
Manual Propelled Verticals	SP Series	12SP	1155	500	111	N/A	34	157	N/A	470	358	10	6.5 x 6.1 x 2.8	N/A
		15SP	1240	500	119	N/A	34	172	N/A	515	355	10	6.5 x 6.3 x 2.8	N/A
	AMI	19 AMI	1140	350	110	N/A	36	125	N/A	375	375	10	6.5 x 4.4 x 2.8	N/A
	AM Series	20AM (DC)/(AC)	860/740	350	184/166	52/47	37	37	N/A	N/A	386	10	6.5 x 3.9 x 2.4	N/A
		25AM (DC)/(AC)	905/825	350	191/179	54/50	39	39	N/A	N/A	410	10	6.5 x 4.0 x 2.4	N/A
		30AM (DC)/(AC)	940/890	350	196/188	34/33	38	38	N/A	N/A	396	10	6.5 x 4.3 x 2.4	N/A
		36AM (DC)/(AC)	1160/1060	300	222/207	33/31	38	38	N/A	N/A	390	10	8.7 x 4.6 x 2.4	N/A
		41AM (DC)/(AC)	1230/1100	300	233/213	30/28	40	40	N/A	N/A	412	10	8.7 x 4.8 x 2.4	N/A

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs

Low Level Access



Model		Max Machine Weight	Maximum Platform Capacity	Occupied Floor Pressure in Transport/max	Occupied Floor Pressure O/R deployed	Max Ground Bearing Pressure Front	Max Ground Bearing Pressure Rear	Max Wheel Load Front	Max Wheel Load Rear	Max Outrigger Pad Load	Contact Area Outrigger	Machine Dimensions (H x L x W)	Turning Radius - Outside	
		lbs	lbs	lb/ft ²	lb/ft ²	psi	psi	lbs	lbs	lbs	in ²	ft	in	
Low Level Access	EcoLift Series	EcoLift 50	397	330	95	N/A	160	168	260	260	N/A	N/A	5.1 x 3.2 x 2.4	N/A
		EcoLift 70	695	330	99	N/A	170	75	320	320	N/A	N/A	6.4 x 4.2 x 2.4	N/A
	LiftPod Series	FT70	208	330	58	N/A	85	67	170	170	N/A	N/A	5.4 x 3.7 x 2.5	N/A
		FT140	326	330	26	N/A	79	79	200	200	N/A	N/A	6.6 x 4.8 x 5.3	N/A
		830P	700	440	110	N/A	173	166	345	345	N/A	N/A	5.1 x 3.9 x 2.5	N/A
		1030P	775	551		N/A	489	321	430	430	N/A	N/A	6.1 x 5.3 x 2.5	N/A

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Note: This chart is for reference and covers ANSI specs only. Due to continuous improvements, JLG Industries, Inc., reserves the right to make specification changes without prior notification.

Floor Loading Specs

340AJ Series | 450A Series



Pre-A92.20 Specs

340AJ Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
340AJ	9700	4399.9	500	226.8	55.5	5.2	183.8	897.4	265/50D20	4800	2177.3	81	5.7	N/A

450A Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in Transport/Max**		Occupied Floor Pressure in Transport/Max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
450AJ	13250	6010.2	550	249.5	81.2	7.5	170.0	829.8	33/1550 X 16.5	7200	3265.9	47.5	3.3	139.5
450A	13250	6010.2	550	249.5	81.2	7.5	170.0	829.8	33/1550 X 16.5	8900	4037.0	62.4	4.4	119

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs

400S Series



Pre-A92.20 Specs

400S Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
400S	13640	6187.1	1000	453.6	80.6	7.5	181.6	886.9	12 X 16.5FF	7200	3265.9	60	4.2	N/A
460SJ	16600	7529.8	600	272.2	80.6	7.5	213.4	1042.0	12 X 16.5FF	9000	4082.4	60	4.2	N/A

400SC Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Rubber Track Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
400SC	14559	6604.0	1000	453.6	66.4	6.17	234.3	1144.1	N/A	12718	5768.9	5.21	0.4	TBD
460SJC	17998	8163.9	600	272.2	66.4	6.17	280.1	1367.6	N/A	12718	5768.9	8.35	0.6	TBD

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs

600 Series



Pre-A92.20 Specs

600 Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
600A	22040	9997.3	1000	453.6	91.1	8.5	252.9	1234.9	IN355/55D625	11700	5307.1	77	5.4	N/A
600AJ	22740	10314.9	1000	453.6	91.1	8.5	260.6	1272.4	IN355/55D625	11700	5307.1	77	5.4	N/A
600S	22070	10011.0	1000	453.6	92.7	8.6	248.9	1215.1	IN355/55D625	12760	5787.9	83	5.8	197
660SJ	26947	12223.2	750	340.2	92.7	8.6	298.8	1458.8	IN355/55D625	14720	6677.0	86	6.0	206

600SC Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Rubber Track Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
600SC	25942	11767.3	1000	453.6	92.4	8.58	291.6	1423.7	N/A	N/A	0.0	9.5	0.7	TBD
660SJC	29339	13308.2	750	340.2	92.4	8.58	325.6	1590.0	N/A	N/A	0.0	11.3	0.8	TBD

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs

740AJ Series | 800 Series



Pre-A92.20 Specs

740AJ Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/ max		Tire size	Max Tire Load		Max Ground Bearing Pressure		Contact Area in ²
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²		lbs	kg	psi	kg/sq cm	
740AJ	37400	16964.6	500	226.8	108.5	10.1	349.3	1705.6	445/55D19.5 FF	17755	8053.7	84	5.9	255

800 Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/ max		Tire size	Max Tire Load		Max Ground Bearing Pressure		Contact Area in ²
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²		lbs	kg	psi	kg/sq cm	
800A	35500	16102.8	1000	453.6	108.5	10.1	336.4	1642.6	385/65D19.5	17755	8053.7	76	5.3	218
800AJ	35500	16102.8	500	226.8	108.5	10.1	331.8	1620.1	385/65D19.5	17755	8053.7	76	5.3	218
800S	33030	14982.4	1000	453.6	108.5	10.1	313.6	1531.4	41/18LLX22.5 FF	17350	7870.0	72	5.1	256
860SJ	36230	16433.9	750	340.2	108.5	10.1	340.8	1664.2	41/18LLX22.5 FF	20200	9162.7	81	5.7	256

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs

Hybrid Series | Electric Series



Pre-A92.20 Specs

Hybrid Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in Transport/Max**		Occupied Floor Pressure in Transport/Max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
H340AJ	9700	4399.9	500	226.8	55.5	5.2	183.8	897.4	265/50D20	4800	2177.3	59	4.1	N/A
H800AJ	35520	16111.9	500	226.8	108.5	10.1	332.0	1621.0	265/50D20	N/A	0.0	76	5.3	N/A

Electric Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
E300AJ	15060	6831.2	500	226.8	30	2.8	518.7	2532.5	25x7x12	8200	3719.5	170	12.0	64
E300AJP	15400	6985.4	500	226.8	30	2.8	530.0	2587.8	25x7x12	8200	3719.5	170	12.0	64
E400AJP	13700	6214.3	500	226.8	51.1	4.7	277.9	1356.8	IN240/55-17.5	6260	2839.5	74	5.2	85
E400AJPn	14900	6758.6	500	226.8	42	3.9	366.7	1790.3	22x6x17.5 Front	7200	3265.9	185	13.0	39
E400An	13100	5942.2	500	226.8	42	3.9	323.8	1581.1	22x6x17.5 Front	6100	2767.0	95	6.7	45
E450AJ	15100	6849.4	500	226.8	51.1	4.7	305.3	1490.6	IN240/55-17.5	6900	3129.8	110	7.7	95
E450A PFP	13100	5942.2	500	226.8	51.1	4.7	266.1	1299.5	IN240/55-17.5	6100	2767.0	95	6.7	95
E450A	12800	5806.1	500	226.8	51.1	4.7	260.3	1270.8	IN240/55-17.5	6100	2767.0	95	6.7	95
E600J	16710	7579.7	500	226.8	96.2	8.9	178.9	873.5	14x22.5 Foam Filled	7700	3492.7	52	3.7	146
E600JP	17210	7806.5	500	226.8	96.2	8.9	184.1	898.9	14x22.5 Foam Filled	7700	3492.7	51	3.6	146

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs

Ultra Boom Series



Pre-A92.20 Specs

Ultra Boom Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport**		Occupied Floor Area Max**		Occupied Floor Pressure in Transport		Occupied Floor Pressure		Tire	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	ft ²	m ²	lb/ft ²	kg/m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	in ²
1850SJ	59900	27170.6	1000	453.6	169.1	15.7	309.0	28.7	360.1	1758.5	197.1	962.3	445/50D 710 FF	36000	16329.6	119.6	8.4	277.1
1500SJ	48000	21772.8	1000	453.6	137.5	12.8	210.4	19.5	356.4	1740.0	232.9	1137.1	445/50D 710 FF	28600	12973.0	113	7.9	TBD
1500AJP	56630	25687.4	1000	453.6	169.1	15.7	309.0	28.7	340.8	1664.0	186.5	910.6	445/50D 710 FF	31000	14061.6	122.5	8.6	244.1
1350SJP	44750	20298.6	1000	453.6	135.2	12.6	210.8	19.6	338.4	1652.2	217.0	1059.7	445/50D 710 FF	26250	11907.0	105	7.4	248
1200SJP	41100	18643.0	1000	453.6	135.2	12.6	210.8	19.6	311.4	1520.4	199.7	975.1	445/50D 710 FF	25000	11340.0	100	7.0	204
1250AJP	44000	19958.4	1000	453.6	137.5	12.8	210.4	19.5	327.3	1598.0	213.9	1044.3	445/50D 710 FF	23700	10750.3	100	7.0	246

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs

Compact Crawler Series



Pre-A92.20 Specs

Compact Crawler Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area transport O/R stowed		Occupied Floor Area O/R deployed		Occupied Floor Pressure in Transport		Occupied Floor Pressure O/R deployed		Max Ground Bearing Pressure per Track		Max Ground Bearing Pressure per Outrigger		Max Outrigger Pad Load		Contact Area Outrigger	
	lbs	kg	lbs	kg	ft ²	m ²	ft ²	m ²	lb/ft ²	kg/m ²	lb/ft ²	kg/m ²	psi	kg/cm ²	psi	kg/sq cm	lbs	kg	in ²	cm ²
X430AJ	4932	2237.2	500	226.8	9.86	0.9	83.9	7.8	550.9	2689.9	64.7	316.1	8.2	0.6	34.1	2.4	TBD	0.0	103.9	670.4
X500AJ	5071	2300.2	500	226.8	12.58	1.2	89.6	8.3	442.8	2162.3	62.2	303.6	9.7	0.7	35.5	2.5	3892	1765.4	109.4	705.8
X600AJ	6571	2980.6	500	226.8	12.59	1.2	91.8	8.5	561.6	2742.3	77.0	376.1	9.2	0.6	45	3.2	4833	2192.2	109.4	705.8
X770AJ	9665	4384.0	500	226.8	21.62	2.0	174.4	16.2	470.2	2295.7	58.3	284.6	7.68	0.5	63	4.4	7020	3184.3	109.4	705.8
X1000AJ	16975	7700	500	226.8	26.77	2.5	312.1	29	652.7	3186.9	56	273.4	11.3	.8	58	4.1	11240	5098.5	194.8	1256.8

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.

Floor Loading Specs

Toucan Series | Tow Pro Series

Pre-A92.20 Specs

Toucan Series

Model	Max Machine Weight		Maximum Platform Capacity		Occupied Floor Area in transport/Max**		Occupied Floor Pressure in Transport/max		Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft ²	m ²	lb/ft ²	kg/m ²	lbs	kg	psi	kg/sq m	in ²
T20E	5360	2431.3	500	226.8	171	1.6	342.7	1673.2	3043	1380.3	270	19.0	TBD
T26E	6834	3099.9	500	226.8	171	1.6	428.9	2094.1	3485	1580.8	285	20.0	TBD
T32E	9480	4300.1	500	226.8	26.6	2.5	375.2	1831.9	5030	2281.6	178	12.5	TBD

Tow Pro Series

Model	Max Machine Weight ANSI/CSA		Maximum Platform Capacity		Occupied Floor Area Transport O/R Stowed		Occupied Floor Area O/R Deployed ANSI/CSA		Occupied Floor Pressure in Transport		Occupied Floor Pressure O/R deployed ANSI/CSA		Tire	Max Tire Load		Max Ground Bearing Pressure		Max Outrigger Pad Load		Contact Area Radial		Contact Area Outrigger	
	lbs	kg	lbs	kg	ft ²	m ²	ft ²	m ²	lb/ft ²	kg/m ²	lb/ft ²	kg/m ²	size	lbs	kg	psi	kg/sq cm	lbs	kg	in ²	cm ²	in ²	cm ²
T350	3400	1542.2	500	226.8	36.6	3.4	141.1	13.1	106.6	520.3	276	135.0	N/A	1984	899.9	22.5	1.6	1950	884.5	33	83.8	85.6	2174
T500J	4750	2154.6	500	226.8	36.6	3.4	141.1	13.1	143.4	700.4	372	181.7	N/A	3190	1447.0	30.7	2.2	2740	1242.9	41	104.1	85.6	2174

** Occupied floor areas calculations noted in comments

- Maximum Machine Weight - The weight of the machine in it's heaviest configuration, excluding accessories.
- Maximum Platform Capacity (Rated load) - The maximum allowable weight in platform, excluding accessories.
- Occupied Floor Area - Transport - The projected ground area of the machine in the stowed position (tires retracted, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Area, Max - The projected ground area of the machine in the working position (tires extended, boom level and fully retracted). Calculated as the projected chassis length multiplied by the projected chassis width
- Occupied Floor Pressure - The average pressure that the entire machine exerts on the projected ground area while the machine is in the stowed position and supporting its rated load.
- Maximum Tire Load - The maximum load that is supported by one front tire while the machine is in its working configuration, supporting its rated load.
- Maximum Tire Ground Bearing Pressure - The maximum pressure that is exerted by one front tire while the machine is in its working configuration and supporting its rated load.