

# Floor Loading Specs

# Scissors - Electric | 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/ft²	lb/ft²	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
		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	
	LE Series	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	12 X 16.5	5500	27	70	10.1 x 17.0 x 7.6	233
		530LRT 2 EXT	17300		198	167						
		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.

Revision\_10.07.2019

# Floor Loading Specs

# 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 <sup>2</sup>	lb/ft <sup>2</sup>	psi	psi	lbs	lbs	lbs	in <sup>2</sup>	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.

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# 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 <sup>2</sup>	lb/ft <sup>2</sup>	psi	psi	lbs	lbs	lbs	in <sup>2</sup>	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.

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# 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	ft²	m²	lb/ft²	kg/m²	lbs	kg	lb/in²	kg/cm²	lbs	kg	lb/in²	kg/cm²	lb/ft²	kg/m²
6036	0160069720-present	31299	14200	191	17.8	164	799	N/A	N/A	N/A	N/A	15650	7100	204	14.3	29376	143000
6042	0160069721-present	35149	15945	198	18.4	178	868	N/A	N/A	N/A	N/A	17575	7973	229	16.1	32976	161000
8042	0160069723-present	38249	17352	196	18.2	195	953	N/A	N/A	N/A	N/A	19125	8676	229	16.1	32976	161000
10042	0160069728-present	41630	18882	216	20.1	193	941	20815	9441	98	6.9	20815	9441	227	16	32688	160000
10054	0160069719-present	42980	19497	214	19.9	200	979	21490	9749	102	7.2	21490	9749	233	16.4	33552	164000

- 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.

**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.

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# 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 <sup>2</sup>	m <sup>2</sup>	lb/ft <sup>2</sup>	kg/m <sup>2</sup>	lbs	kg	lb/in <sup>2</sup>	kg/cm <sup>2</sup>	lbs	kg	lb/in <sup>2</sup>	kg/cm <sup>2</sup>	lb/ft <sup>2</sup>	kg/m <sup>2</sup>
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
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.

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# Floor Loading Specs

## 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 <sup>2</sup>	m <sup>2</sup>	lb/ft <sup>2</sup>	kg/m <sup>2</sup>	size	lbs	kg	psi	kg/sq cm	in <sup>2</sup>
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 <sup>2</sup>	m <sup>2</sup>	lb/ft <sup>2</sup>	kg/m <sup>2</sup>	size	lbs	kg	psi	kg/sq cm	in <sup>2</sup>
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



### 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	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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



### 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	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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



## 740AJ 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	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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	Max Tire Load		Max Ground Bearing Pressure		Contact Area
	lbs	kg	lbs	kg	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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.

## 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	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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	ft²	m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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



## 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	ft²	m²	ft²	m²	lb/ft²	kg/m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	in²
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.

## 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	ft²	m²	ft²	m²	lb/ft²	kg/m²	lb/ft²	kg/m²	psi	kg/cm²	psi	kg/sq cm	lbs	kg	in²	cm²
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



## 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	ft²	m²	lb/ft²	kg/m²	lbs	kg	psi	kg/sq m	in²
T20E	5360	2431.3	500	226.8	17.1	1.6	342.7	1673.2	3043	1380.3	270	19.0	TBD
T26E	6834	3099.9	500	226.8	17.1	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	ft²	m²	ft²	m²	lb/ft²	kg/m²	lb/ft²	kg/m²	size	lbs	kg	psi	kg/sq cm	lbs	kg	in²	cm²	in²	cm²
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	217.4
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	217.4

\*\* 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.