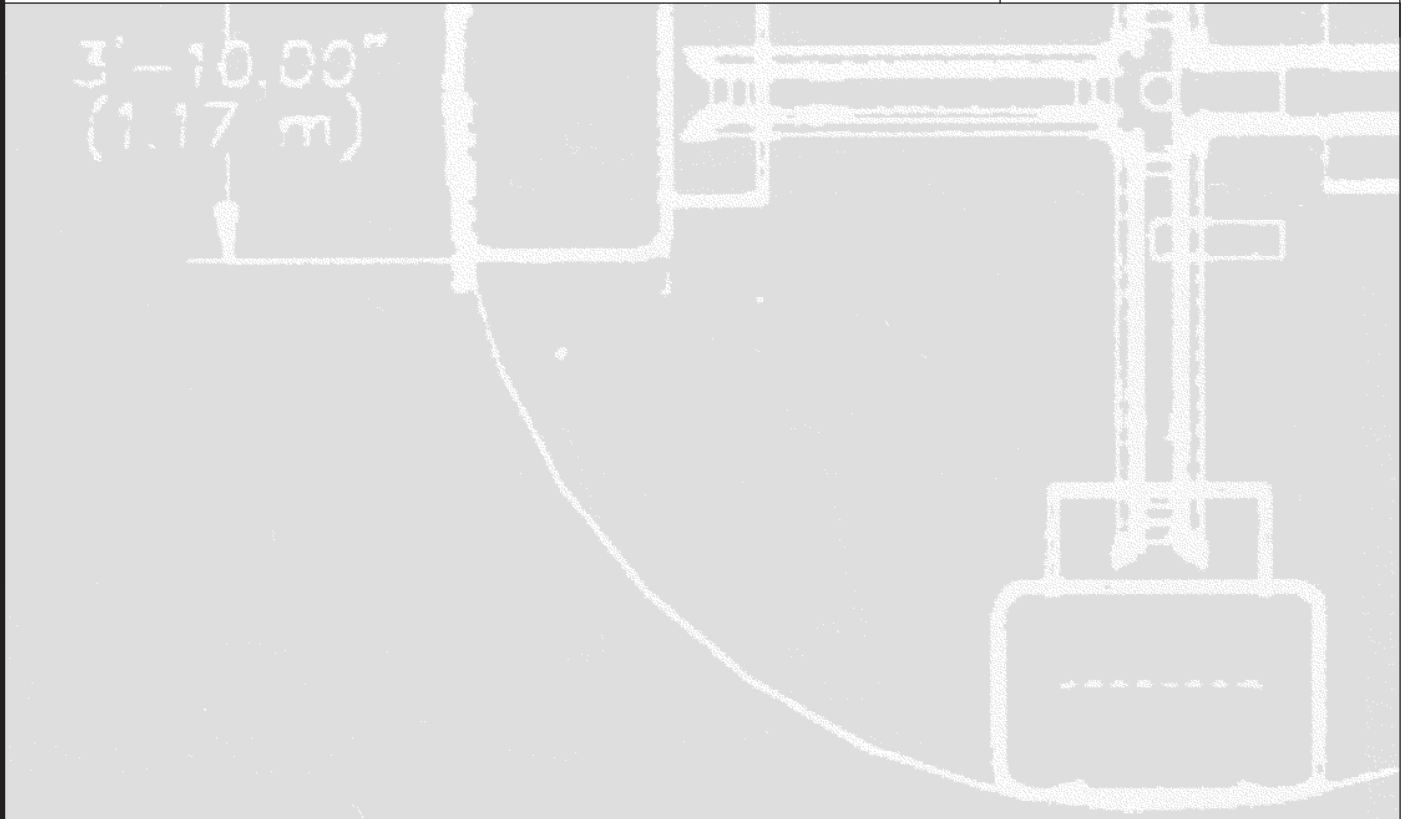




Floor Loading Specifications

First Edition
Fifth Printing
Part No. 97897



Important

Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

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This manual and the specifications in it supersede all previous floor loading specifications published by Genie Industries for the models listed.

This information is accurate as of the date of publication of this manual. Genie reserves the right to update this document as necessary without notice or obligation. Check the Genie website to determine if you are holding the most current publication.

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Definitions

Machine Weight - The weight of the machine, excluding the rated load.

Note: Weights listed on machine serial plates are based on specific machine configurations. They may differ from the weights listed in this manual.

Rated Load - The maximum platform capacity rating.

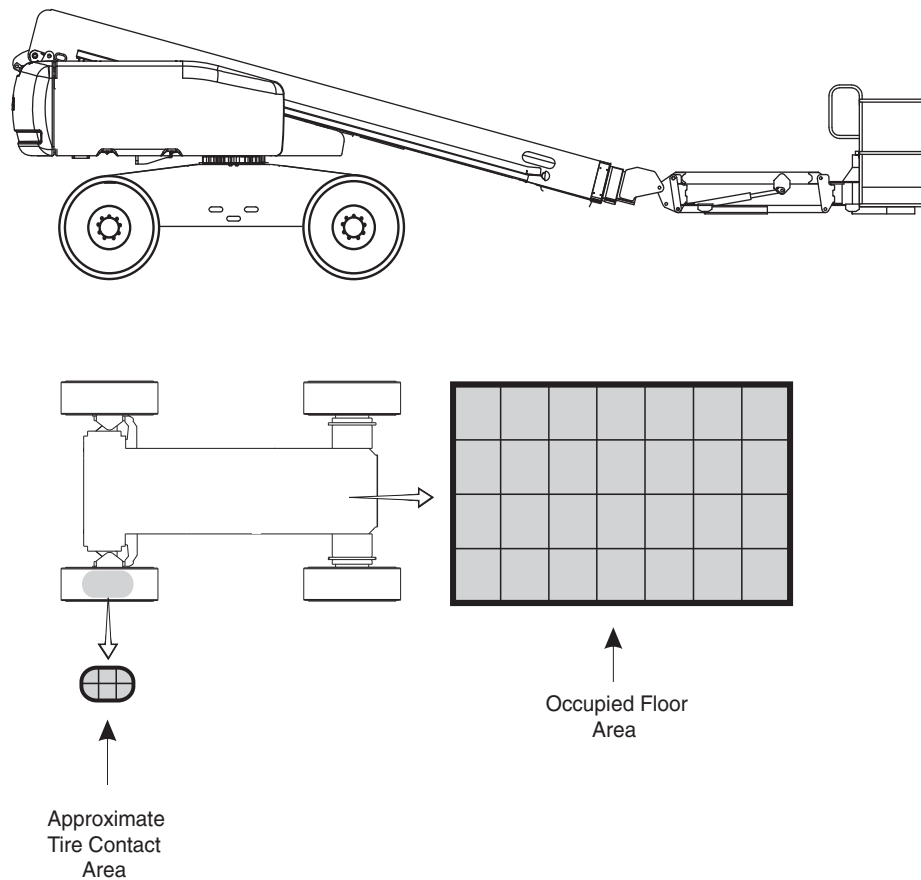
Occupied Floor Area - The projected contact area of the footprint of the machine in the stowed position, calculated as the projected chassis length times the projected chassis width.

Occupied Floor Pressure - The average pressure that the entire machine exerts on the floor while the machine is in the stowed position and supporting its rated load.

Maximum Tire/Outrigger Load - The maximum load that can be exerted by any one tire or outrigger pad while the machine is in its working configuration and supporting its rated load.

Maximum Tire/Outrigger Contact Pressure - The maximum pressure that any one tire exerts on the floor while the machine is in its working configuration and supporting its rated load.

Example:



Scissor Lifts (U.S.)

GS-1530 • GS-1930

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load***	Tire Contact Pressure**
GS-1530 (ANSI/CSA)	before 60000	2563 lbs	600 lbs	13.33 sq ft	237 psf	1157 lbs	128.6 psi
GS-1530 (ANSI/CSA)	after 59999	2594 lbs	600 lbs	13.33 sq ft	240 psf	1175 lbs	130.6 psi
GS-1930 (ANSI/CSA)	before 60000	2714 lbs	500 lbs	13.33 sq ft	241 psf	1129 lbs	125.4 psi
GS-1930 (ANSI/CSA)	after 59999	2718 lbs	500 lbs	13.33 sq ft	241 psf	1302 lbs	144.7 psi

GS-2032 • GS-2632 • GS-3232

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load***	Tire Contact Pressure**
GS-2032 (ANSI/CSA)	before 60000	3503 lbs	800 lbs	19.78 sq ft	218 psf	1225 lbs	122.5 psi
GS-2032 (ANSI/CSA)	after 59999	3554 lbs	800 lbs	19.56 sq ft	223 psf	1699 lbs	113.2 psi
GS-2632 (ANSI/CSA)	before 60000	5150 lbs	500 lbs	19.78 sq ft	286 psf	1815 lbs	181.5 psi
GS-2632 (ANSI/CSA)	after 59999	4407 lbs	500 lbs	19.56 sq ft	251 psf	1773 lbs	118.2 psi
GS-3232 (ANSI/CSA)	after 84866	5185 lbs	500 lbs	19.56 sq ft	291 psf	1700 lbs	113.3 psi

GS-3232 with Outriggers

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Outrigger Load	Outrigger Pad Pressure
GS-3232 (ANSI/CSA)	after 84866	5185 lbs	500 lbs	19.56 sq ft	291 psf	2250 lbs	179 psi

**Maximum localized pressure on each steer tire with platform fully extended.

***Maximum tire load including rated load.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

SCISSOR LIFTS (U.S.)

GS-2046 • GS-2646 • GS-3246

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load***	Tire Contact Pressure**
GS-2046 (ANSI/CSA)	before 60000	4324 lbs	1200 lbs	28.4 sq ft	194 psf	1450 lbs	145 psi
GS-2046 (ANSI/CSA)	after 59999	3883 lbs	1200 lbs	28.11 sq ft	181 psf	2035 lbs	135.7 psi
GS-2646 (ANS/CSAI)	before 60000	4646 lbs	1000 lbs	28.4 sq ft	199 psf	1550 lbs	155 psi
GS-2646 (ANSI/CSA)	after 59999	4207 lbs	1000 lbs	28.11 sq ft	185 psf	2150 lbs	143.4 psi
GS-3246 (ANSI/CSA)	before 60000	6172 lbs	700 lbs	28.11 sq ft	242 psf	2020 lbs	202 psi
GS-3246 (ANSI/CSA)	after 59999	5143 lbs	700 lbs	28.11 sq ft	208 psf	2251 lbs	150.1 psi

GS-2668 DC • GS-3268 DC

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load***	Tire Contact Pressure**
GS-2668DC (ANSI)	Before 41200	6583 lbs	1250 lbs	47.22 sq ft	166 psf	2060 lbs	130 psi
GS-2668DC (ANSI)	After 41199	7953 lbs****	1250 lbs	47.22 sq ft	195 psf	2675 lbs	148.6 psi
GS-3268DC (ANSI)	Before 41200	7550 lbs	1000 lbs	47.22 sq ft	181 psf	2310 lbs	130 psi
GS-3268DC (ANSI)	After 41199	9204 lbs****	1000 lbs	47.22 sq ft	216 psf	3174 lbs	176.3 psi

**Maximum localized pressure on each steer tire with platform fully extended.

***Maximum tire load including rated load.

****Based on machines with tires and outriggers.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

SCISSOR LIFTS (U.S.)

GS-2668 RT • GS-3268 RT

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire/Outrigger Load***	Tire/Outrigger Contact Pressure**	
GS-2668RT (ANSI)	Before 41200	6550 lbs	1250 lbs	47.22 sq ft	165 psf	2060 lbs	52 psi	
GS-2668RT (ANSI)	models with tires	After 41199	7793 lbs****	1250 lbs	47.22 sq ft	191 psf	2641 lbs	146.7 psi
	models with outriggers	After 41199	7793 lbs****	1250 lbs	47.22 sq ft	150 psf	2488 lbs	138.2 psi
GS-3268RT (ANSI)	Before 41200	7520 lbs	1000 lbs	47.22 sq ft	180 psf	2310 lbs	52 psi	
GS-3268RT (ANSI)	models with tires	After 41199	9044 lbs****	1000 lbs	47.22 sq ft	213 psf	3140 lbs	174.4 psi
	models with outriggers	After 41199	9204 lbs****	1000 lbs	47.22 sq ft	169 psf	2888 lbs	160.4 psi

GS-3384 RT • GS-3390 RT • GS-4390 RT • GS-5390 RT

Model	Serial Number	Machine Weight****	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure**	
GS-3384 (ANSI)	models with tires	All	13,531 lbs	2500 lbs	90.42 sq ft	177 psf	4709 lbs	157 psi
	models with outriggers	All	13,721 lbs	2500 lbs	90.42 sq ft	154 psf	4486 lbs	149.5 psi
GS-3390 (ANSI)	models with tires	All	13,683 lbs	2500 lbs	96.88 sq ft	167 psf	4732 lbs	131.4 psi
	models with outriggers	All	13,873 lbs	2500 lbs	96.88 sq ft	146 psf	4507 lbs	125.2 psi
GS-4390 (ANSI)	models with tires	All	14,642 lbs	1500 lbs	96.88 sq ft	167 psf	4878 lbs	135.5 psi
	models with outriggers	All	14,832 lbs	1500 lbs	96.88 sq ft	145 psf	4635 lbs	128.7 psi
GS-5390 (ANSI)	models with tires	All	16,598 lbs	1500 lbs	96.88 sq ft	187 psf	5209 lbs	144.7 psi
	models with outriggers	All	16,788 lbs	1500 lbs	96.88 sq ft	163 psf	4943 lbs	137.3 psi

**Maximum localized pressure on each steer tire with platform fully extended.

***Maximum tire load including rated load.

****Based on machines with tires and outriggers.

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Runabout (U.S.)

GR • GRC-12

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
GR-8	All	1450 lbs	500 lbs	10.86 sq ft	180 psf	513 lbs	86 psi
GR-12	Before 5001	1631 lbs	500 lbs	10.86 sq ft	196 psf	563 lbs	94 psi
GR-12	After 5000	1581 lbs	500 lbs	10.86 sq ft	152 psf	680 lbs	104.62 psi
GRC-12 (ANSI/CSA)	All	1850 lbs	500 lbs	10.86 sq ft	170 psf	760 lbs	116.9 psi
GR-15	Before 5001	1930 lbs	350 lbs	10.86 sq ft	169.9 psf	585 lbs	98 psi
GR-15	After 5000	2192 lbs	500 lbs	10.86 sq ft	209 psf	720 lbs	110.77 psi
GR-20	All	2451 lbs	350 lbs	11.59 sq ft	217 psf	870 lbs	133.85 psi

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Articulating Booms (U.S.)

Z-20 models • Z-30 models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-20/8N	All	10,800 lbs	400 lbs	15.56 sq ft	720 psf	4000 lbs	108 psi
Z-20/8W	All	6840 lbs	500 lbs	22.36 sq ft	328 psf	4000 lbs	108 psi
Z-25/8	All	7430 lbs	500 lbs	22.36 sq ft	355 psf	3970 lbs	108 psi
Z-30/20HD	All	8820 lbs	500 lbs	49.10 sq ft	190 psf	4100 lbs	100 psi
Z-30/20N	All	14,170 lbs	500 lbs	27.42 sq ft	535 psf	7350 lbs	103 psi
Z-30/20NRJ	All	14,220 lbs	500 lbs	27.42 sq ft	537 psf	7500 lbs	103 psi

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (U.S.)

Z-34/22 models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-34/22 DC	All	11,000 lbs	500 lbs	48.17 sq ft	239 psf	5850 lbs	100 psi
Z-34/22N	All	11,400 lbs	500 lbs	38.67 sq ft	308 psf	6450 lbs	103 psi
Z-34/22 Bi-Energy	All	12,000 lbs	500 lbs	48.17 sq ft	260 psf	5550 lbs	100 psi
Z-34/22 2WD IND	All	10,150 lbs	500 lbs	48.17 sq ft	221 psf	5300 lbs	100 psi
Z-34/22 2WD & 4WD	All	10,450 lbs	500 lbs	49.58 sq ft	221 psf	5300 lbs	45 psi

Z-40/23 DC models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-40/23N	All	15,230 lbs	500 lbs	41.80 sq ft	364 psf	7900 lbs	200 psi
Z-40/23N RJ	All	15,300 lbs	500 lbs	41.80 sq ft	366 psf	7900 lbs	200 psi

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (U.S.)

Z-45/25 DC

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-45/25 DC	10000 - 17460	14,600 lbs	500 lbs	51.75 sq ft	292 psf	7400 lbs	100 psi
Z-45/25 DC	17461- 27117	14,940 lbs	500 lbs	51.75 sq ft	298 psf	7400 lbs	100 psi
Z-45/25 DC	After 27117	15,350 lbs	500 lbs	51.75 sq ft	297 psf	8100 lbs	100 psi
Z-45/25J DC	10000 - 17460	16,400 lbs	500 lbs	51.75 sq ft	327 psf	7400 lbs	100 psi
Z-45/25J DC	17461- 27117	15,140 lbs	500 lbs	51.75 sq ft	302 psf	7400 lbs	100 psi
Z-45/25J DC	After 27117	16,300 lbs	500 lbs	51.75 sq ft	315 psf	8100 lbs	100 psi

Z-45/25 Bi-Energy

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-45/25 Bi-Energy	10000 - 17460	15,700 lbs	500 lbs	51.75 sq ft	313 psf	7400 lbs	100 psi
Z-45/25 Bi-Energy	17461- 27117	16,100 lbs	500 lbs	51.75 sq ft	321 psf	7400 lbs	100 psi
Z-45/25 Bi-Energy	After 27117	15,850 lbs	500 lbs	51.75 sq ft	306 psf	8100 lbs	100 psi
Z-45/25J Bi-Energy	10000 - 17460	16,600 lbs	500 lbs	51.75 sq ft	330 psf	7400 lbs	100 psi
Z-45/25J Bi-Energy	17461- 27117	16,300 lbs	500 lbs	51.75 sq ft	325 psf	7400 lbs	100 psi
Z-45/25J Bi-Energy	After 27117	16,800 lbs	500 lbs	51.75 sq ft	325 psf	8100 lbs	100 psi

NOTICE

If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION

Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (U.S.)

Z-45/25 IC models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-45/25 2WD RT	10000 - 17460	13,800 lbs	500 lbs	70.28 sq ft	203 psf	7100 lbs	50 psi
Z-45/25 2WD RT	17461 - 27117	13,600 lbs	500 lbs	70.28 sq ft	201 psf	7100 lbs	50 psi
Z-45/25 2WD RT	After 27117	13,675 lbs	500 lbs	73.13 sq ft	187 psf	8000 lbs	50 psi
Z-45/25J 2WD RT	10000 - 17460	14,700 lbs	500 lbs	70.28 sq ft	216 psf	7200 lbs	50 psi
Z-45/25J 2WD RT	17461 - 27117	14,350 lbs	500 lbs	70.28 sq ft	211 psf	7200 lbs	50 psi
Z-45/25J 2WD RT	After 27117	14,300 lbs	500 lbs	73.13 sq ft	196 psf	8800 lbs	50 psi
Z-45/25 4WD RT	10000 - 17460	14,000 lbs	500 lbs	70.28 sq ft	206 psf	7100 lbs	50 psi
Z-45/25 4WD RT	17461 - 27117	13,800 lbs	500 lbs	70.28 sq ft	203 psf	7100 lbs	50 psi
Z-45/25 4WD RT	After 27117	13,875 lbs	500 lbs	73.13 sq ft	190 psf	8000 lbs	50 psi
Z-45/25J 4WD RT	10000 - 17460	15,800 lbs	500 lbs	70.28 sq ft	232 psf	7200 lbs	50 psi
Z-45/25J 4WD RT	17461 - 27117	14,550 lbs	500 lbs	70.28 sq ft	214 psf	7200 lbs	50 psi
Z-45/25J 4WD RT	After 27117	14,500 lbs	500 lbs	73.13 sq ft	198 psf	8800 lbs	50 psi

NOTICE

If the machine is equipped with high-flotation or foam-filled tires, contact Genie Industries for floor loading specifications.

CAUTION

Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (U.S.)

Z-45/25 IC models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-45/25 Narrow IC	Before 27118	16,600 lbs	500 lbs	51.75 sq ft	330 psf	7100 lbs	100 psi
Z-45/25 Narrow IC	After 27117	16,750 lbs	500 lbs	51.75 sq ft	324 psf	8000 lbs	100 psi
Z-45/25J Narrow IC	Before 27118	16,800 lbs	500 lbs	51.75 sq ft	334 psf	7200 lbs	100 psi
Z-45/25J Narrow IC	After 27117	16,975 lbs	500 lbs	51.75 sq ft	328 psf	8800 lbs	100 psi

Z-45/22 models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-45/22 DC*	Before 107	13,100 lbs	500 lbs	48.07 sq ft	283 psf	-	100 psi
Z-45/22 GP*	Before 107	12,900 lbs	500 lbs	48.07 sq ft	279 psf	-	30 psi
Z-45/22 RT* 2WD & 4WD	All	14,400 lbs	500 lbs	60.26 sq ft	247 psf	6100 lbs	30 psi
Z-45/22 DC*	After 106	13,900 lbs	500 lbs	49.55 sq ft	291 psf	6300 lbs	100 psi
Z-45/22 GP*	After 106	13,500 lbs	500 lbs	49.55 sq ft	283 psf	6300 lbs	100 psi
Z-45/22 Diesel*	All	13,700 lbs	500 lbs	49.55 sq ft	287 psf	6300 lbs	100 psi
Z-45/22 Bi-Fuel*	All	14,800 lbs	500 lbs	49.55 sq ft	309 psf	6300 lbs	100 psi
Z-45/22 Tri-Fuel*	All	14,600 lbs	500 lbs	49.55 sq ft	305 psf	6300 lbs	100 psi

*Model no longer in production.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (U.S.)

Z-51/30J

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-51/30J	All	15,900 lbs	500 lbs	73.13 sq ft	226 psf	9300 lbs	100 psi

Z-60/34

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-60/34 2WD	Before 4001	21,900 lbs	500 lbs	74.08 sq ft	302 psf	9700 lbs	100 psi
Z-60/34 4WD	Before 4001	22,100 lbs	500 lbs	83.63 sq ft	270 psf	9700 lbs	60 psi
Z-60/34 2WD & 4WD	After 4000	22,520 lbs	500 lbs	90.67 sq ft	251 psf	12,650 lbs	65 psi

Z-80/60 • Z-135/70

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
Z-80/60	All	37,500 lbs	500 lbs	100.72 sq ft	377 psf	22,500 lbs	130 psi
Z-135/70	All	44,900 lbs	600 lbs	223.17 sq ft	204 psf	25,000 lbs	130 psi

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Stick Booms (U.S.)

S-40 • S-45

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
S-40 2WD & 4WD	All	11,650 lbs	500 lbs	75.00 sq ft	162 psf	6350 lbs	45 psi
S-45 2WD & 4WD	All	14,790 lbs	500 lbs	75.00 sq ft	204 psf	8400 lbs	45 psi

S-60 • S-65 • S-60 TRAX • S-65 TRAX • S-60 HC

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
S-60 2WD	Before 656	25,800 lbs	660 lbs	98.67 sq ft	268 psf	-	60 psi
S-60 4WD	Before 656	25,900 lbs	660 lbs	98.67 sq ft	269 psf	-	60 psi
S-60 2WD & 4WD	656 - 9153	26,100 lbs	600 lbs	99.20 sq ft	269 psf	11,000 lbs	85 psi
S-60 2WD & 4WD	After 9153	20,690 lbs	500 lbs	91.19 sq ft	240 psf	10,800 lbs	70 psi
S-65 2WD & 4WD	Before 9152	28,400 lbs	500 lbs	99.20 sq ft	291 psf	13,000 lbs	85 psi
S-65 2WD & 4WD	After 9153	22,270 lbs	500 lbs	91.19 sq ft	272 psf	11,600 lbs	70 psi
S-60 4WD TRAX	All	25,420 lbs	500 lbs	111.46 sq ft	228 psf	9291 lbs	11 psi
S-65 4WD TRAX	All	26,960 lbs	500 lbs	111.46 sq ft	242 psf	10,654 lbs	12 psi
S-60 HC	After 9153	22,208 lbs	750 lbs (unrestricted) 1250 (restricted)	91.90 sq ft	263 psf	11,200 lbs	70 psi

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (U.S.)

S-80

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
S-80 2WD axles retracted	Before 966	33,400 lbs	600 lbs	100.86 sq ft	337 psf	16,000 lbs	100 psi
S-80 2WD axles extended	Before 966	33,400 lbs	600 lbs	126.08 sq ft	270 psf	16,000 lbs	100 psi
S-80 2WD axles retracted	From 965 to 8000	33,230 lbs	600 lbs	100.86 sq ft	351 psf	18,350 lbs	100 psi
S-80 2WD axles extended	From 965 to 8000	33,230 lbs	600 lbs	126.08 sq ft	281 psf	18,350 lbs	100 psi
S-80 2WD	After 8000	35,400 lbs	500 lbs	103.92 sq ft	340 psf	15,901 lbs	100 psi
S-80 4WD axles retracted	Before 966	33,400 lbs	600 lbs	100.86 sq ft	338 psf	16,000 lbs	100 psi
S-80 4WD axles extended	Before 966	33,400 lbs	600 lbs	126.08 sq ft	270 psf	16,000 lbs	100 psi
S-80 4WD axles retracted	From 965 to 8000	33,380 lbs	600 lbs	100.86 sq ft	353 psf	18,350 lbs	100 psi
S-80 4WD axles extended	From 965 to 8000	33,380 lbs	600 lbs	126.08 sq ft	282 psf	18,350 lbs	100 psi
S-80 4WD	After 8000	35,500 lbs	500 lbs	103.92 sq ft	340 psf	15,901 lbs	100 psi

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (U.S.)

S-85

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
S-85 2WD axles retracted	Before 966	35,900 lbs	500 lbs	100.86 sq ft	361 psf	18,000 lbs	100 psi
S-85 2WD axles extended	Before 966	35,900 lbs	500 lbs	126.08 sq ft	289 psf	18,000 lbs	100 psi
S-85 2WD axles retracted	From 965 to 8000	35,710 lbs	500 lbs	100.86 sq ft	374 psf	21,800 lbs	100 psi
S-85 2WD axles extended	From 965 to 8000	35,710 lbs	500 lbs	126.08 sq ft	300 psf	21,800 lbs	100 psi
S-85 2WD	After 8000	37,900 lbs	500 lbs	103.92 sq ft	365 psf	17,558 lbs	100 psi
S-85 4WD axles retracted	Before 966	35,900 lbs	500 lbs	100.86 sq ft	361 psf	18,000 lbs	100 psi
S-85 4WD axles extended	Before 966	35,900 lbs	500 lbs	126.08 sq ft	289 psf	18,000 lbs	100 psi
S-85 4WD axles retracted	From 965 to 8000	35,860 lbs	500 lbs	100.86 sq ft	376 psf	21,800 lbs	100 psi
S-85 4WD axles extended	From 965 to 8000	35,860 lbs	500 lbs	126.08 sq ft	301 psf	21,800 lbs	100 psi
S-85 4WD	After 8000	38,000 lbs	500 lbs	103.92 sq ft	365 psf	17,558 lbs	100 psi

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (U.S.)

S-100 • S-105

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
S-100 axles retracted	Before 136	39,300 lbs	750 lbs	131.04 sq ft	306 psf	16,331 lbs	105 psi
S-100 axles extended	Before 136	39,300 lbs	750 lbs	177.29 sq ft	226 psf	16,331 lbs	105 psi
S-100 axles retracted	After 135	39,700 lbs	750 lbs	125.90 sq ft	318 psf	18,650 lbs	105 psi
S-100 axles extended	After 135	39,700 lbs	750 lbs	167.01 sq ft	240 psf	18,650 lbs	105 psi
S-105 axles retracted	Before 136	39,500 lbs	500 lbs	131.04 sq ft	305 psf	16,041 lbs	105 psi
S-105 axles extended	Before 136	39,500 lbs	500 lbs	177.29 sq ft	226 psf	16,041 lbs	105 psi
S-105 axles retracted	After 135	40,000 lbs	500 lbs	125.90 sq ft	318 psf	21,200 lbs	105 psi
S-105 axles extended	After 135	40,000 lbs	500 lbs	167.01 sq ft	240 psf	21,200 lbs	105 psi

NOTICE

If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION

Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (U.S.)

S-120 • S-125

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
S-120 axles retracted	Before 405	44,000 lbs	750 lbs	133.31 sq ft	336 psf	18,074 lbs	105 psi
S-120 axles extended	Before 405	44,000 lbs	750 lbs	180.36 sq ft	248 psf	18,074 lbs	105 psi
S-120 axles retracted	After 404	44,340 lbs	750 lbs	127.94 sq ft	353 psf	21,250 lbs	105 psi
S-120 axles extended	After 404	44,340 lbs	750 lbs	169.72 sq ft	266 psf	21,250 lbs	105 psi
S-125 axles retracted	Before 405	44,200 lbs	500 lbs	133.31 sq ft	335 psf	18,200 lbs	105 psi
S-125 axles extended	Before 405	44,200 lbs	500 lbs	180.36 sq ft	248 psf	18,230 lbs	105 psi
S-125 axles retracted	After 404	44,640 lbs	500 lbs	127.94 sq ft	353 psf	23,750 lbs	105 psi
S-125 axles extended	After 404	44,640 lbs	500 lbs	169.72 sq ft	265 psf	23,750 lbs	105 psi

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Trailer Mounted Booms (U.S.)

TZ-34/20

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure	Jockey Wheel Contact Pressure
TZ-34/20 (ANSI) w/o platform rotate	Outriggers deployed w ith rated load	All	3195 lbs	500 lbs	112 sq ft	33 psf	2245 lbs	44.89 psi	N/A
	Outriggers stow ed w ithout rated load	All	3195 lbs	0 lbs	16.33 sq ft	198 psf	1464 lbs	45.74 psi	21.95 psi
TZ-34/20 (ANSI) with platform rotate	Outriggers deployed w ith rated load	All	3235 lbs	460 lbs	112 sq ft	33 psf	2245 lbs	44.89 psi	N/A
	Outriggers stow ed w ithout rated load	All	3235 lbs	0 lbs	16.33 sq ft	198 psf	1464 lbs	45.74 psi	21.95 psi

TZ-50

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure	Jockey Wheel Contact Pressure
TZ-50 (ANSI)	Outriggers deployed w ith rated load	All	4853 lbs	500 lb	205 sq ft	26 psf	2837 lbs	28.54 psi	N/A
	Outriggers stow ed w ithout rated load	All	4853 lbs	0 lbs	28 sq ft	173 psf	2111 lbs	50.26 psi	114.7 psi

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

TRAILER MOUNTED BOOMS (U.S.)

TMZ-34/19

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure
TMZ-34/19 (ANSI)	Outriggers deployed with rated load	Before T3400-2	2950 lbs	500 lbs	110 sq ft	31 psf	1725 lbs	35 psi
	Outriggers stowed without rated load	Before T3400-2	2950 lbs	0 lbs	95 sq ft	31 psf	1399 lbs	44 psi
TMZ-34/19 (ANSI)	Outriggers deployed with rated load	After T3499-769	3185 lbs	500 lbs	110 sq ft	34 psf	1843 lbs	37 psi
	Outriggers stowed without rated load	After T3499-769	3185 lbs	0 lbs	95 sq ft	33 psf	1510 lbs	44 psi

TMZ-50/30

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure
TMZ-50/30 (ANSI)	Outriggers deployed with rated load	All	5300 lbs	500 lbs	164.69 sq ft	35 psf	2900 lbs	29 psi
	Outriggers stowed without rated load	All	5300 lbs	0 lbs	119.17 sq ft	44 psf	2438 lbs	65 psi

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Telehandlers (U.S.)

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
TH-528C	All	16,520 lbs	5500 lbs	138.67 sq ft	159 psf	11,010 lbs	50 psi
GTH-636	All	21,000 lbs	6000 lbs	191 sq ft	142 psf	13,750 lbs	50 psi
GTH-644	All	21,500 lbs	6000 lbs	203 sq ft	136 psf	13,740 lbs	50 psi
GTH-842	All	21,500 lbs	8000 lbs	204 sq ft	147 psf	14,965 lbs	50 psi
GTH-844	All	22,500 lbs	8000 lbs	204 sq ft	149 psf	15,160 lbs	50 psi
GTH-1048	before 7112	30,500 lbs	10,000 lbs	225 sq ft	178 psf	20,100 lbs	50 psi
GTH-1056	before 7112	31,500 lbs	10,000 lbs	230 sq ft	180 psf	20,600 lbs	50 psi
GTH-1048	after 7111	29,000 lbs	10,000 lbs	167 sq ft	240 psf	19,500 lbs	50 psi
GTH-1056	after 7111	30,000 lbs	10,000 lbs	167 sq ft	240 psf	19,500 lbs	50 psi

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure	Maximum Tire Load	Tire Contact Pressure
TX-5119	All	9370 lbs	5070 lbs	64.10 sq ft	225 psf	7220 lbs	50 psi
GTH-5519	All	10,000 lbs	5500 lbs	64 sq ft	241 psf	7717 lbs	64 psi
GTH-6622	All	13,000 lbs	6600 lbs	64 sq ft	225 psf	9915 lbs	58 psi

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Scissor Lifts (Metric)

GS-1530 • GS-1532

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
					kg/sq m	kPa		kg/sq cm	kPa
GS-1530 (All)	before 60000	1163 kg	272 kg	1.24 sq m	1160 kg/sq m	11.36 kPa	544 kg	9.05 kg/sq cm	886 kPa
GS-1530 (ANSI/CSA)	after 59999	1177 kg	272 kg	1.24 sq m	1169.59 kg/sq m	11.47 kPa	533 kg	9.19 kg/sq cm	900 kPa
GS-1530 (AUS/CE) Indoor	after 59999	1257 kg	272 kg	1.24 sq m	1234.40 kg/sq m	12.11 kPa	546 kg	9.40 kg/sq cm	921 kPa
GS-1532 (AUS/CE)	after 59999	1269 kg	272 kg	1.27 sq m	1213.58 kg/sq m	11.90 kPa	547 kg	9.43 kg/sq cm	924 kPa

GS-1930 • GS-1932

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
					kg/sq m	kPa		kg/sq cm	kPa
GS-1930 (ALL)	before 59999	1231 kg	227 kg	1.24 sq m	1174 kg/sq m	11.54 kPa	512 kg	8.83 kg/sq cm	865 kPa
GS-1930 (AUS/CE) Indoor	before 59999	1493 kg	227 kg	1.24 sq m	1174 kg/sq m	11.51 kPa	512 kg	8.83 kg/sq cm	865 kPa
GS-1932 (AUS)	before 59999	1503 kg	227 kg	1.32 sq m	1308 kg/sq m	12.84 kPa	582 kg	10.03 kg/sq cm	983 kPa
GS-1930 (ANSI/CSA)	after 59999	1233 kg	227 kg	1.24 sq m	1178.37 kg/sq m	11.56 kPa	591 kg	10.18 kg/sq cm	998 kPa
GS-1930 (AUS/CE) Indoor	after 59999	1476 kg	227 kg	1.24 sq m	1375.01 kg/sq m	13.48 kPa	600 kg	10.35 kg/sq cm	1014 kPa
GS-1932 (AUS/CE)	after 59999	1483 kg	227 kg	1.27 sq m	1346.48 kg/sq m	13.20 kPa	600 kg	10.35 kg/sq cm	1014 kPa

**Maximum localized pressure on each steer tire with platform fully extended.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

SCISSOR LIFTS (METRIC)

GS-2032

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
					kg/sq m	kPa		kg/sq cm	kPa
GS-2032 (ANSI/CSA/CE)	before 60000	1589 kg	363 kg	1.84 sq m	1062 kg/sq m	10.42 kPa	556 kg	8.62 kg/sq cm	845 kPa
GS-2032 (AUS)	before 60000	2044 kg	363 kg	1.84 sq m	1308 kg/sq m	12.85 kPa	773 kg	12.00 kg/sq cm	1176 kPa
GS-2032 (ANSI/CSA)	after 59999	1612 kg	363 kg	1.82 sq m	1087.06 kg/sq m	10.66 kPa	771 kg	7.97 kg/sq cm	781 kPa
GS-2032 (AUS/CE)	after 59999	1830 lbs	363 kg	1.82 sq m	1206.90 kg/sq m	11.84 kPa	802 kg	8.29 kg/sq cm	813 kPa

GS-2632

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
					kg/sq m	kPa		kg/sq cm	kPa
GS-2632 (ANSI/CSA)	before 60000	2336 kg	227 kg	1.84 sq m	1392 kg/sq m	13.68 kPa	823 kg	12.77 kg/sq cm	1251 kPa
GS-2632 (AUS/CE)	before 60000	2504 kg	227 kg	1.84 sq m	1483 kg/sq m	14.57 kPa	848 kg	13.15 kg/sq cm	1289 kPa
GS-2632 (ANSI/CSA)	after 59999	1999 kg	227 kg	1.82 sq m	1225.13 kg/sq m	12.01 kPa	804 kg	8.32 kg/sq cm	815 kPa
GS-2632 (AUS/CE)	after 59999	1959 kg	227 kg	1.82 sq m	1202.91 kg/sq m	11.80 kPa	830 kg	8.58 kg/sq cm	841 kPa

GS-3232

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
					kg/sq m	kPa		kg/sq cm	kPa
GS-3232 (ANSI/CSA/AUS/CE)	All	2352 kg	227 kg	1.82 sq m	1419.37 kg/sq m	13.92 kPa	771 kg	7.98 kg/sq cm	781 kPa

**Maximum localized pressure on each steer tire with platform fully extended.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

SCISSOR LIFTS (METRIC)

GS-3232 with Outriggers

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Outrigger Load	Outrigger Pad Pressure	
GS-3232 (AUS/CE)	All	2352 kg	227 kg	1.82 sq m	1419.37 kg/sq m	13.92 kPa	1021 kg	12.60 kg/sq cm	1234 kPa

GS-2046

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
GS-2046	before 60000	1961 kg	544 kg	2.64 sq m	949 kg/sq m	9.30 kPa	658 kg	10.20 kg/sq cm	1000 kPa
GS-2046 (ANSI/CSA)	after 59999	1761 kg	544 kg	2.61 sq m	882.83 kg/sq m	8.66 kPa	923 kg	9.55 kg/sq cm	936 kPa
GS-2046 (AUS/CE)	after 59999	1945 kg	544 kg	2.61 sq m	953.17 kg/sq m	9.35 kPa	964 kg	9.97 kg/sq cm	977 kPa

GS-2646

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
GS-2646 (ANSI/CSA/AUS)	before 60000	2107 kg	454 kg	2.64 sq m	970 kg/sq m	9.51 kPa	703 kg	10.91 kg/sq cm	1069 kPa
GS-2646 (CE)	before 60000	2371 kg	454 kg	2.64 sq m	1069 kg/sq m	10.49 kPa	845 kg	13.11 kg/sq cm	1284 kPa
GS-2646 (ANSI/CSA)	after 59999	1908 kg	454 kg	2.61 sq m	904.37 kg/sq m	8.87 kPa	975 kg	10.09 kg/sq cm	988 kPa
GS-2646 (AUS/CE)	after 59999	2412 kg	454 kg	2.61 sq m	1097.16 kg/sq m	10.76 kPa	1136 kg	11.75 kg/sq cm	1152 kPa

**Maximum localized pressure on each steer tire with platform fully extended.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

SCISSOR LIFTS (METRIC)

GS-3246

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
					kg/sq m	kPa		kg/sq cm	kPa
GS-3246 (ALL)	before 60000	2800 kg	318 kg	2.64 sq m	1181 kg/sq m	11.57 kPa	916 kg	14.21 kg/sq cm	1393 kPa
GS-3246 (ANSI/CSA)	after 59999	2333 kg	318 kg	2.61 sq m	1014.83 kg/sq m	9.95 kPa	1021 kg	10.56 kg/sq cm	1035 kPa
GS-3246 (AUS/CE)	after 59999	2781 kg	318 kg	2.61 sq m	1186.43 kg/sq m	11.63 kPa	1183 kg	12.24 kg/sq cm	1199 kPa

GS-2668 DC • GS-3268 DC

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure**	
					kg/sq m	kPa		kg/sq cm	kPa
GS-2668DC	Before 41200	2986 kg	567 kg	4.39 sq m	809 kg/sq m	7.90 kPa	934 kg	9.14 kg/sq cm	896 kPa
GS-2668DC (ANSI/AUS)	After 41199	3607 kg	567 kg	4.39 sq m	951 kg/sq m	9.33 kPa	1213 kg	10.46 kg/sq cm	1024 kPa
GS-2668DC (CE)	After 41199	3810 kg	567 kg	4.39 sq m	997 kg/sq m	9.78 kPa	1293 kg	11.14 kg/sq cm	1091 kPa
GS-3268DC	Before 41200	3425 kg	454 kg	4.39 sq m	884 kg/sq m	8.67 kPa	1048 kg	9.14 kg/sq cm	896 kPa
GS-3268DC (ANSI)	After 41199	4175 kg	454 kg	4.39 sq m	1055 kg/sq m	10.35 kPa	1440 kg	12.41 kg/sq cm	1216 kPa
GS-3268DC (CE)	After 41199	4275 kg	454 kg	4.39 sq m	1078 kg/sq m	10.57 kPa	1443 kg	12.44 kg/sq cm	1219 kPa

**Maximum localized pressure on each steer tire with platform fully extended.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

SCISSOR LIFTS (METRIC)

GS-2668 RT • GS-3268 RT

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure**	
GS-2668RT		Before 41200	2971 kg	567 kg	4.39 sq m	806 kg/sq m	7.91 kPa	934 kg	3.66 kg/sq cm	359 kPa
GS-2668RT (ANSI/AUS)	models with tires	After 41199	3535 kg	567 kg	4.39 sq m	935 kg/sq m	9.17 kPa	1198 kg	10.32 kg/sq cm	1011 kPa
	models with outriggers	After 41199	3535 kg	567 kg	4.39 sq m	730 kg/sq m	7.16 kPa	1128 kg	9.72 kg/sq cm	953 kPa
GS-2668RT (CE)	models with tires	After 41199	3738 kg	567 kg	4.39 sq m	981 kg/sq m	9.62 kPa	1241 kg	10.70 kg/sq cm	1048 kPa
	models with outriggers	After 41199	3738 kg	567 kg	4.39 sq m	767 kg/sq m	7.52 kPa	1175 kg	10.13 kg/sq cm	992 kPa
GS-3268RT		Before 41200	3411 kg	454 kg	4.39 sq m	881 kg/sq m	8.64 kPa	1048 kg	3.66 kg/sq cm	359 kPa
GS-3268RT (ANSI/AUS)	models with tires	After 41199	4102 kg	454 kg	4.39 sq m	1038 kg/sq m	10.18 kPa	1424 kg	12.27 kg/sq cm	1203 kPa
	models with outriggers	After 41199	4175 kg	454 kg	4.39 sq m	824 kg/sq m	8.08 kPa	1310 kg	11.29 kg/sq cm	1106 kPa
GS-3268RT (CE)	models with tires	After 41199	4202 kg	454 kg	4.39 sq m	1062 kg/sq m	10.41 kPa	1445 kg	12.46 kg/sq cm	1221 kPa
	models with outriggers	After 41199	4202 kg	454 kg	4.39 sq m	829 kg/sq m	8.13 kPa	1333 kg	11.49 kg/sq cm	1125 kPa

**Maximum localized pressure on each steer tire with platform fully extended.

***Maximum tire load including rated load.

****Based on machines with tires and outriggers.

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

SCISSOR LIFTS (METRIC)

GS-3384 • GS-3390 • GS-4390 • GS-5390

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure**	
GS-3384 (ANSI)	models with tires	All	6138 kg	1134 kg	8.40 sq m	866 kg/sq m	8.49 kPa	2136 kg	11.05 kg/sq cm	1082 kPa
	models with outriggers	All	6224 kg	1134 kg	8.40 sq m	755 kg/sq m	7.40 kPa	2035 kg	10.52 kg/sq cm	1031 kPa
GS-3384 (CE)	models with tires	All	6224 kg	1134 kg	8.40 sq m	876 kg/sq m	8.59 kPa	2161 kg	11.18 kg/sq cm	1095 kPa
	models with outriggers	All	6224 kg	1134 kg	8.40 sq m	755 kg/sq m	7.40 kPa	2059 kg	10.65 kg/sq cm	1043 kPa
GS-3390 (ANSI)	models with tires	All	6207 kg	1134 kg	8.40 sq m	816 kg/sq m	8.00 kPa	2146 kg	9.25 kg/sq cm	906 kPa
	models with outriggers	All	6293 kg	1134 kg	8.40 sq m	816 kg/sq m	6.97 kPa	2044 kg	8.81 kg/sq cm	863 kPa
GS-3390 (CE)	models with tires	All	6293 kg	1134 kg	8.40 sq m	825 kg/sq m	8.09 kPa	2171 kg	9.36 kg/sq cm	917 kPa
	models with outriggers	All	6293 kg	1134 kg	8.40 sq m	816 kg/sq m	6.97 kPa	2068 kg	8.91 kg/sq cm	873 kPa
GS-4390 (ANSI)	models with tires	All	6641 kg	680 kg	9.00 sq m	813 kg/sq m	7.98 kPa	2212 kg	9.53 kg/sq cm	934 kPa
	models with outriggers	All	6728 kg	680 kg	9.00 sq m	709 kg/sq m	6.95 kPa	2102 kg	9.06 kg/sq cm	888 kPa
GS-4390 (CE)	models with tires	All	6728 kg	680 kg	9.00 sq m	823 kg/sq m	8.07 kPa	2237 kg	9.64 kg/sq cm	945 kPa
	models with outriggers	All	6728 kg	680 kg	9.00 sq m	709 kg/sq m	6.95 kPa	2126 kg	9.16 kg/sq cm	898 kPa
GS-5390 (ANSI)	models with tires	All	7529 kg	680 kg	9.00 sq m	912 kg/sq m	8.94 kPa	2363 kg	10.18 kg/sq cm	998 kPa
	models with outriggers	All	7615 kg	680 kg	9.00 sq m	793 kg/sq m	7.78 kPa	2242 kg	9.66 kg/sq cm	947 kPa
GS-5390 (CE)	models with tires	All	7615 kg	680 kg	9.00 sq m	922 kg/sq m	9.04 kPa	2387 kg	10.29 kg/sq cm	1008 kPa
	models with outriggers	All	7615 kg	680 kg	9.00 sq m	922 kg/sq m	7.78 kPa	2266 kg	9.76 kg/sq cm	957 kPa

**Maximum localized pressure on each steer tire with platform fully extended.

***Maximum tire load including rated load.

****Based on machines with tires and outriggers.

NOTICE

If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION

Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Runabout (Metric)

GR • GRC-12

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
GR-8*	All	658 kg	227 kg	1.01 sq m	878 kg/sq m	8.62 kPa	233 kg	6.06 kg/sq cm	592 kPa
GR-12	Before 5001	740 kg	227 kg	1.01 sq m	956 kg/sq m	9.38 kPa	255 kg	6.60 kg/sq cm	648 kPa
GR-12	After 5000	717 kg	227 kg	1.01 sq m	742.42 kg/sq m	7.28 kPa	308 kg	7.36 kg/sq cm	721.30 kPa
GRC-12 (ANSI/CSA)	All	839 kg	227 kg	1.01 sq m	831.90 kg/sq m	8.16 kPa	345 kg	8.22 kg/sq cm	806.16 kPa
GRC-12 (CE/AUS)	All	932 kg	227 kg	1.01 sq m	865.41 kg/sq m	8.49 kPa	381 kg	9.09 kg/sq cm	891.01 kPa
GR-15	Before 5001	875 kg	159 kg	1.01 sq m	1024 kg/sq m	10.05 kPa	265 kg	6.89 kg/sq cm	676 kPa
GR-15	After 5000	994 kg	227 kg	1.01 sq m	1018.97 kg/sq m	9.99 kPa	327 kg	7.79 kg/sq cm	763.73 kPa
GR-20	All	1112 kg	159 kg	1.08 sq m	1061.24 kg/sq m	10.41 kPa	395 kg	9.41 kg/sq cm	922.84 kPa

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Articulating Booms (Metric)

Z-20 • Z-30 models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-20/8N	All	4899 kg	181 kg	1.45 sq m	3514 kg/sq m	34.47 kPa	1814 kg	7.59 kg/sq cm	745 kPa
Z-20/8W	All	3103 kg	227 kg	2.08 sq m	1602 kg/sq m	15.72 kPa	1814 kg	7.59 kg/sq cm	745 kPa
Z-25/8	All	3370 kg	227 kg	2.08 sq m	1731 kg/sq m	16.98 kPa	1800 kg	7.59 kg/sq cm	745 kPa
Z-30/20	All	4001 kg	227 kg	4.56 sq m	927 kg/sq m	9.09 kPa	1859 kg	7.03 kg/sq cm	689 kPa
Z-30/20N	All	6428 kg	227 kg	2.55 sq m	2612 kg/sq m	25.62 kPa	3334 kg	7.24 kg/sq cm	710 kPa
Z-30/20NRJ	All	6450 kg	227 kg	2.55 sq m	2622 kg/sq m	25.71 kPa	3402 kg	7.24 kg/sq cm	710 kPa

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (METRIC)

Z-34/22 models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-34/22 DC	All	4990 kg	227 kg	4.47 sq m	1167 kg/sq m	11.44 kPa	2654 kg	7.03 kg/sq cm	689 kPa
Z-34/22N	All	5171 kg	227 kg	3.59 sq m	1504 kg/sq m	14.75 kPa	2926 kg	7.24 kg/sq cm	710 kPa
Z-34/22 Bi-Energy	All	5443 kg	227 kg	4.47 sq m	1269 kg/sq m	12.45 kPa	2517 kg	7.03 kg/sq cm	689 kPa
Z-34/22 2WD IND	All	4604 kg	227 kg	4.47 sq m	1079 kg/sq m	10.58 kPa	2404 kg	7.03 kg/sq cm	689 kPa
Z-34/22 4WD RT	All	4740 kg	227 kg	4.61 sq m	1079 kg/sq m	10.58 kPa	2404 kg	3.16 kg/sq cm	310 kPa

Z-40/23 models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-40/23N DC	All	6908 kg	227 kg	3.88 sq m	1779 kg/sq m	17.45 kPa	3583 kg	14.06 kg/sq cm	1378 kPa
Z-40/23N RJ DC	All	6940 kg	227 kg	3.88 sq m	1787 kg/sq m	17.53 kPa	3583 kg	14.06 kg/sq cm	1378 kPa

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (METRIC)

Z-45/25 DC

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-45/25 DC	10000 - 17460	6622 kg	227 kg	4.81 sq m	1424 kg/sq m	13.97 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25 DC	17461-27117	6777 kg	227 kg	4.81 sq m	1454 kg/sq m	14.26 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25 DC	After 27117	6963 kg	227 kg	4.81 sq m	1450 kg/sq m	14.22 kPa	3674 kg	7.03 kg/sq cm	689 kPa
Z-45/25J DC	10000 - 17460	7439 kg	227 kg	4.81 sq m	1594 kg/sq m	15.64 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25J DC	17461-27117	6867 kg	227 kg	4.81 sq m	1474 kg/sq m	14.45 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25J DC	After 27117	7394 kg	227 kg	4.81 sq m	1538 kg/sq m	15.08 kPa	3674 kg	7.03 kg/sq cm	689 kPa

Z-45/25 Bi-Energy

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-45/25 Bi-Energy	10000 - 17460	7121 kg	227 kg	4.81 sq m	1528 kg/sq m	14.99 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25 Bi-Energy	17461-27117	7303 kg	227 kg	4.81 sq m	1566 kg/sq m	15.36 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25 Bi-Energy	After 27117	7190 kg	227 kg	4.81 sq m	1494 kg/sq m	14.65 kPa	3674 kg	7.03 kg/sq cm	689 kPa
Z-45/25J Bi-Energy	10000 - 17460	7530 kg	227 kg	4.81 sq m	1613 kg/sq m	15.82 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25J Bi-Energy	17461-27117	7393 kg	227 kg	4.81 sq m	1585 kg/sq m	15.54 kPa	3357 kg	7.03 kg/sq cm	689 kPa
Z-45/25J Bi-Energy	After 27117	7620 kg	227 kg	4.81 sq m	1587 kg/sq m	15.56 kPa	3674 kg	7.03 kg/sq cm	689 kPa

NOTICE

If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION

Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (METRIC)

Z-45/25 IC models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-45/25 2WD RT	10000 - 17460	6259 kg	227 kg	6.53 sq m	993 kg/sq m	9.74 kPa	3221 kg	3.51 kg/sq cm	345 kPa
Z-45/25 2WD RT	17461- 27117	6169 kg	227 kg	6.53 sq m	980 kg/sq m	9.61 kPa	3221 kg	3.51 kg/sq cm	345 kPa
Z-45/25 2WD RT	After 27117	6203 kg	227 kg	6.79 sq m	913 kg/sq m	8.95 kPa	3629 kg	3.51 kg/sq cm	345 kPa
Z-45/25J 2WD RT	10000 - 17460	6668 kg	227 kg	6.53 sq m	1056 kg/sq m	10.36 kPa	3266 kg	3.51 kg/sq cm	345 kPa
Z-45/25J 2WD RT	17461- 27117	6509 kg	227 kg	6.53 sq m	1030 kg/sq m	10.10 kPa	3266 kg	3.51 kg/sq cm	345 kPa
Z-45/25J 2WD RT	After 27117	6486 kg	227 kg	6.79 sq m	957 kg/sq m	9.38 kPa	3992 kg	3.51 kg/sq cm	345 kPa
Z-45/25 4WD RT	10000 - 17460	6350 kg	227 kg	6.53 sq m	1007 kg/sq m	9.88 kPa	3221 kg	3.51 kg/sq cm	345 kPa
Z-45/25 4WD RT	17461- 27117	6259 kg	227 kg	6.53 sq m	993 kg/sq m	9.74 kPa	3221 kg	3.51 kg/sq cm	345 kPa
Z-45/25 4WD RT	After 27117	6294 kg	227 kg	6.79 sq m	928 kg/sq m	9.10 kPa	3629 kg	3.51 kg/sq cm	345 kPa
Z-45/25J 4WD RT	10000 - 17460	7167 kg	227 kg	6.53 sq m	1132 kg/sq m	11.11 kPa	3266 kg	3.51 kg/sq cm	345 kPa
Z-45/25J 4WD RT	17461- 27117	6600 kg	227 kg	6.53 sq m	1044 kg/sq m	10.24 kPa	3266 kg	3.51 kg/sq cm	345 kPa
Z-45/25J 4WD RT	After 27117	6577 kg	227 kg	6.79 sq m	967 kg/sq m	9.48 kPa	3992 kg	3.51 kg/sq cm	345 kPa

NOTICE If the machine is equipped with high-flotation or foam-filled tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (METRIC)

Z-45/25 IC models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-45/25 Narrow IC	Before 27118	7530 kg	227 kg	4.81 sq m	1613 kg/sq m	15.82 kPa	3221 kg	7.03 kg/sq cm	689 kPa
Z-45/25 Narrow IC	After 27117	7598 kg	227 kg	4.81 sq m	1582 kg/sq m	15.51 kPa	3629 kg	7.03 kg/sq cm	689 kPa
Z-45/25J Narrow IC	Before 27118	7620 kg	227 kg	4.81 sq m	1632 kg/sq m	16.01 kPa	3266 kg	7.03 kg/sq cm	689 kPa
Z-45/25J Narrow IC	After 27117	7700 kg	227 kg	4.81 sq m	1601 kg/sq m	15.70 kPa	3992 kg	7.03 kg/sq cm	689 kPa

Z-45/22 models

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-45/22 DC	Before 107	5942 kg	227 kg	4.47 sq m	1381 kg/sq m	13.54 kPa	-	7.03 kg/sq cm	689 kPa
Z-45/22 GP	Before 107	5851 kg	227 kg	4.47 sq m	1360 kg/sq m	13.34 kPa	-	2.10 kg/sq cm	207 kPa
Z-45/22 RT 2WD & 4WD	All	6532 kg	227 kg	5.60 sq m	1207 kg/sq m	11.83 kPa	2766 kg	2.10 kg/sq cm	207 kPa
Z-45/22 DC	After 106	6305 kg	227 kg	4.60 sq m	1418 kg/sq m	13.91 kPa	2857 kg	7.03 kg/sq cm	689 kPa
Z-45/22 GP	After 106	6123 kg	227 kg	4.60 sq m	1379 kg/sq m	13.52 kPa	2857 kg	7.03 kg/sq cm	689 kPa
Z-45/22 Diesel	All	6214 kg	227 kg	4.60 sq m	1399 kg/sq m	13.72 kPa	2857 kg	7.03 kg/sq cm	689 kPa
Z-45/22 Bi-Fuel	All	6713 kg	227 kg	4.60 sq m	1507 kg/sq m	14.78 kPa	2857 kg	7.03 kg/sq cm	689 kPa
Z-45/22 Tri-Fuel	All	6622 kg	227 kg	4.60 sq m	1487 kg/sq m	14.59 kPa	2857 kg	7.03 kg/sq cm	689 kPa

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

ARTICULATING BOOMS (METRIC)

Z-51/30J

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-51/30J	All	7212 kg	227 kg	6.79 sq m	1103 kg/sq m	10.82 kPa	4218 kg	7.03 kg/sq cm	689 kPa

Z-60/34

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-60/34 2WD	Before 4001	9934 kg	227 kg	6.88 sq m	1476 kg/sq m	14.48 kPa	4400 kg	7.03 kg/sq cm	689 kPa
Z-60/34 4WD	Before 4001	10,024 kg	227 kg	7.77 sq m	1319 kg/sq m	12.94 kPa	4400 kg	4.21 kg/sq cm	414 kPa
Z-60/34 2WD & 4WD	After 4000	10,215 kg	227 kg	8.42 sq m	1225 kg/sq m	12.02 kPa	5738 kg	4.57 kg/sq cm	448 kPa

Z-80/60 • Z-135/70

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
Z-80/60 4WS	All	17,010 kg	227 kg	9.36 sq m	1841 kg/sq m	18.05 kPa	10,206 kg	9.14 kg/sq cm	896 kPa
Z-135/70	All	20,366 kg	272 kg	20.73 sq m	996 kg/sq m	9.77 kPa	11,340 kg	9.14 kg/sq cm	896 kPa

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Stick Booms (Metric)

S-40 • S-45

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
S-40 2WD & 4WD	All	5284 kg	227 kg	6.97 sq m	791 kg/sq m	7.76 kPa	2880 kg	3.16 kg/sq cm	310 kPa
S-45 2WD & 4WD	All	6709 kg	227 kg	6.97 sq m	996 kg/sq m	9.77 kPa	3810 kg	3.16 kg/sq cm	310 kPa

S-60 • S-65 • S-60 TRAX • S-65 TRAX • S-60 HC

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
S-60 2WD	Before 656	11,703 kg	299 kg	9.17 sq m	1309 kg/sq m	12.84 kPa	-	4.21 kg/sq cm	414 kPa
S-60 4WD	Before 656	11,748 kg	299 kg	9.17 sq m	1314 kg/sq m	12.89 kPa	-	4.21 kg/sq cm	414 kPa
S-60 2WD & 4WD	656- 9153	11,839 kg	272 kg	9.22 sq m	1314 kg/sq m	12.89 kPa	4990 kg	5.97 kg/sq cm	586 kPa
S-60 2WD & 4WD	After 9153	9385 kg	227 kg	8.47 sq m	1172 kg/sq m	11.49 kPa	4897 kg	4.92 kg/sq cm	483 kPa
S-65 2WD & 4WD	Before 9152	12,882 kg	227 kg	9.22 sq m	1422 kg/sq m	13.95 kPa	5897 kg	5.97 kg/sq cm	586 kPa
S-65 2WD & 4WD	After 9153	10,102 kg	227 kg	8.47 sq m	1328 kg/sq m	13.03 kPa	5260 kg	4.92 kg/sq cm	483 kPa
S-60 TRAX	All	11,530 kg	227 kg	10.35 sq m	1113 kg/sq m	10.92 kPa	4213 kg	0.79 kg/sq cm	77 kPa
S-65 TRAX	All	12,229 kg	227 kg	10.35 sq m	1181 kg/sq m	11.59 kPa	4831 kg	0.84 kg/sq cm	82 kPa
S-60 HC 4WD	All	10,073 kg	340 kg (restricted) 567 kg (unrestricted)	8.54 sq m	1284 kg/sq m	12.60 kPa	5079 kg	4.92 kg/sq cm	483 kPa

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (METRIC)

S-80

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
S-80 2WD axles retracted	Before 966	15,150 kg	272 kg	9.37 sq m	1645 kg/sq m	16.13 kPa	7257 kg	7.03 kg/sq cm	689 kPa
S-80 2WD axles extended	Before 966	15,150 kg	272 kg	11.71 sq m	1317 kg/sq m	12.91 kPa	7257 kg	7.03 kg/sq cm	689 kPa
S-80 2WD axles retracted	From 965 to 8000	15,073 kg	272 kg	9.37 sq m	1714 kg/sq m	16.81 kPa	8321 kg	7.04 kg/sq cm	690 kPa
S-80 2WD axles extended	From 965 to 8000	15,073 kg	272 kg	11.71 sq m	1372 kg/sq m	13.46 kPa	8321 kg	7.04 kg/sq cm	690 kPa
S-80 2WD	After 8000	16,057 kg	227 kg	9.65 sq m	1660 kg/sq m	16.28 kPa	7210 kg	7.04 kg/sq cm	690 kPa
S-80 4WD axles retracted	Before 966	15,150 kg	272 kg	9.37 sq m	1650 kg/sq m	16.18 kPa	7257 kg	7.03 kg/sq cm	689 kPa
S-80 4WD axles extended	Before 966	15,150 kg	272 kg	11.71 sq m	1318 kg/sq m	12.92 kPa	7257 kg	7.03 kg/sq cm	689 kPa
S-80 4WD axles retracted	From 965 to 8000	15,141 kg	272 kg	9.37 sq m	1723 kg/sq m	16.91 kPa	8321 kg	7.04 kg/sq cm	690 kPa
S-80 4WD axles extended	From 965 to 8000	15,141 kg	272 kg	11.71 sq m	1377 kg/sq m	13.51 kPa	8321 kg	7.04 kg/sq cm	690 kPa
S-80 4WD	After 8000	16,103 kg	227 kg	9.65 sq m	1660 kg/sq m	16.28 kPa	7210 kg	7.04 kg/sq cm	690 kPa

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (METRIC)

S-85

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
S-85 2WD axles retracted	Before 966	16,284 kg	227 kg	9.37 sq m	1762 kg/sq m	17.28 kPa	8165 kg	7.03 kg/sq cm	689 kPa
S-85 2WD axles extended	Before 966	16,284 kg	227 kg	11.71 sq m	1406 kg/sq m	13.78 kPa	8165 kg	7.03 kg/sq cm	689 kPa
S-85 2WD axles retracted	From 965 to 8000	16,198 kg	227 kg	9.37 sq m	1826 kg/sq m	17.91 kPa	9885 kg	7.04 kg/sq cm	690 kPa
S-85 2WD axles extended	From 965 to 8000	16,198 kg	227 kg	11.71 sq m	1465 kg/sq m	14.37 kPa	9885 kg	7.04 kg/sq cm	690 kPa
S-85 2WD	After 8000	17,191 kg	227 kg	9.65 sq m	1782 kg/sq m	17.48 kPa	7961 kg	7.04 kg/sq cm	690 kPa
S-85 4WD axles retracted	Before 966	16,284 kg	227 kg	9.37 sq m	1762 kg/sq m	17.28 kPa	8165 kg	7.03 kg/sq cm	689 kPa
S-85 4WD axles extended	Before 966	16,284 kg	227 kg	11.71 sq m	1406 kg/sq m	13.78 kPa	8165 kg	7.03 kg/sq cm	689 kPa
S-85 4WD axles retracted	From 965 to 8000	16,266 kg	227 kg	9.37 sq m	1836 kg/sq m	18.01 kPa	9885 kg	7.04 kg/sq cm	690 kPa
S-85 4WD axles extended	From 965 to 8000	16,266 kg	227 kg	11.71 sq m	1469 kg/sq m	14.42 kPa	9885 kg	7.04 kg/sq cm	690 kPa
S-85 4WD	After 8000	17,237 kg	227 kg	9.65 sq m	1782 kg/sq m	17.48 kPa	7961 kg	7.04 kg/sq cm	690 kPa

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (METRIC)

S-100 • S-105

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
S-100 axles retracted	Before 136	17,826 kg	340 kg	12.17 sq m	1494 kg/sq m	14.65 kPa	7407 kg	7.38 kg/sq cm	724 kPa
S-100 axles extended	Before 136	17,826 kg	340 kg	16.47 sq m	1103 kg/sq m	10.82 kPa	7407 kg	7.38 kg/sq cm	724 kPa
S-100 axles retracted	After 135	18,008 kg	340 kg	11.70 sq m	1552 kg/sq m	15.23 kPa	8457 kg	7.38 kg/sq cm	724 kPa
S-100 axles extended	After 135	18,008 kg	340 kg	15.52 sq m	1172 kg/sq m	11.49 kPa	8457 kg	7.38 kg/sq cm	724 kPa
S-105 axles retracted	Before 136	17,916 kg	227 kg	12.17 sq m	1489 kg/sq m	14.60 kPa	7276 kg	7.38 kg/sq cm	724 kPa
S-105 axles extended	Before 136	17,916 kg	227 kg	16.47 sq m	1103 kg/sq m	10.82 kPa	7276 kg	7.38 kg/sq cm	724 kPa
S-105 axles retracted	After 135	18,144 kg	227 kg	11.70 sq m	1552 kg/sq m	15.23 kPa	9613 kg	7.38 kg/sq cm	724 kPa
S-105 axles extended	After 135	18,144 kg	227 kg	15.52 sq m	1172 kg/sq m	11.49 kPa	9613 kg	7.38 kg/sq cm	724 kPa

NOTICE If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

STICK BOOMS (METRIC)

S-120 • S-125

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
S-120 axles retracted	Before 405	19,958 kg	340 kg	12.39 sq m	1640 kg/sq m	16.08 kPa	8198 kg	7.38 kg/sq cm	724 kPa
S-120 axles extended	Before 405	19,958 kg	340 kg	16.76 sq m	1210 kg/sq m	11.87 kPa	8198 kg	7.38 kg/sq cm	724 kPa
S-120 axles retracted	After 404	20,112 kg	340 kg	11.89 sq m	1723 kg/sq m	16.90 kPa	9636 kg	7.38 kg/sq cm	724 kPa
S-120 axles extended	After 404	20,112 kg	340 kg	15.77 sq m	1299 kg/sq m	12.74 kPa	9636 kg	7.38 kg/sq cm	724 kPa
S-125 axles retracted	Before 405	19,958 kg	227 kg	12.39 sq m	1635 kg/sq m	16.04 kPa	8255 kg	7.38 kg/sq cm	724 kPa
S-125 axles extended	Before 405	19,958 kg	227 kg	16.76 sq m	1210 kg/sq m	11.87 kPa	8255 kg	7.38 kg/sq cm	724 kPa
S-125 axles retracted	After 404	20,248 kg	227 kg	11.89 sq m	1723 kg/sq m	16.90 kPa	10,769 kg	7.38 kg/sq cm	724 kPa
S-125 axles extended	After 404	20,248 kg	227 kg	15.77 sq m	1294 kg/sq m	12.69 kPa	10,769 kg	7.38 kg/sq cm	724 kPa

NOTICE

If the machine is equipped with high-flotation tires, contact Genie Industries for floor loading specifications.

CAUTION

Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Trailer Mounted Booms (Metric)

TZ-34/20 (ANSI, AUS)

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure		Jockey Wheel Contact Pressure
TZ-34/20 (ANSI, AUS) w/o platform rotate	Outriggers deployed w with rated load	All	1431 kg	227 kg (ANSI) 200 kg (AUS)	10.36 sq m	162 kg/sq m	1.59 kPa	1018 kg	3.16 kg/sq cm	310 kPa	N/A
	Outriggers stowed w without rated load	All	1431 kg	0 kg	1.52 sq m	970 kg/sq m	9.52 kPa	664 kg	3.21 kg/sq cm	315 kPa	151 kPa
TZ-34/20 (ANSI, AUS) with platform rotate	Outriggers deployed w with rated load	All	1449 kg	209 kg (ANSI) 181 kg (AUS)	10.36 sq m	162 kg/sq m	1.59 kPa	1018 kg	3.16 kg/sq cm	310 kPa	N/A
	Outriggers stowed w without rated load	All	1449 kg	0 kg	1.52 sq m	970 kg/sq m	9.52 kPa	664 kg	3.21 kg/sq cm	315 kPa	151 kPa

TZ-34/20 (CE)

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure		Jockey Wheel Contact Pressure
TZ-34/20 (CE) w/o platform rotate	Outriggers deployed w with rated load	All	1438 kg	200 kg	10.36 sq m	162 kg/sq m	1.59 kPa	1014 kg	3.14 kg/sq cm	308 kPa	N/A
	Outriggers stowed w without rated load	All	1438 kg	0 kg	1.37 sq m	1083 kg/sq m	10.62 kPa	706 kg	3.43 kg/sq cm	336 kPa	81 kPa
TZ-34/20 (CE) with platform rotate	Outriggers deployed w with rated load	All	1456 kg	181 kg	10.36 sq m	162 kg/sq m	1.59 kPa	1014 kg	3.14 kg/sq cm	308 kPa	N/A
	Outriggers stowed w without rated load	All	1456 kg	0 kg	1.37 sq m	1083 kg/sq m	10.62 kPa	706 kg	3.43 kg/sq cm	336 kPa	81 kPa

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

TRAILER MOUNTED BOOMS (METRIC)

TZ-50 (ANSI, AUS)

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure		Jockey Wheel Contact Pressure
TZ-50 (ANSI, AUS) w/o platform rotate	Outriggers deployed with rated load	All	1996 kg	227 kg (ANSI) 200 kg (AUS)	19 sq m	127 kg/sq m	1.24 kPa	1286 kg	2.01 kg/sq cm	197 kPa	N/A
	Outriggers stowed without rated load	All	1996 kg	0 kg	3 sq m	844 kg/sq m	8.27 kPa	957 kg	3.53 kg/sq cm	347 kPa	791 kPa
TZ-50 (ANSI, AUS) with platform rotate	Outriggers deployed with rated load	All	2000.5 kg	227 kg (ANSI) 200 kg (AUS)	19 sq m	127 kg/sq m	1.24 kPa	1286 kg	2.01 kg/sq cm	197 kPa	N/A
	Outriggers stowed without rated load	All	2000.5 kg	0 kg	3 sq m	844 kg/sq m	8.27 kPa	957 kg	3.53 kg/sq cm	347 kPa	791 kPa

TZ-50 (CE)

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure		Jockey Wheel Contact Pressure
TZ-50 (CE) w/o platform rotate	Outriggers deployed with rated load	All	2030 kg	227 kg (ANSI) 200 kg (AUS)	19 sq m	127 kg/sq m	1.24 kPa	1286 kg	2.00 kg/sq cm	197 kPa	N/A
	Outriggers stowed without rated load	All	2030 kg	0 kg	2 sq m	1005 kg/sq m	9.86 kPa	1035 kg	3.82 kg/sq cm	375 kPa	431 kPa
TZ-50 (CE) with platform rotate	Outriggers deployed with rated load	All	2034.5 kg	227 kg (ANSI) 200 kg (AUS)	19 sq m	127 kg/sq m	1.24 kPa	1286 kg	2.00 kg/sq cm	197 kPa	N/A
	Outriggers stowed without rated load	All	2034.5 kg	0 kg	2 sq m	1005 kg/sq m	9.86 kPa	1035 kg	3.82 kg/sq cm	375 kPa	431 kPa

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

TRAILER MOUNTED BOOMS (METRIC)

TMZ-34/19

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure	
TMZ-34/19*	Outriggers deployed w ith rated load	Before T3400-2	1338 kg	227 kg	10.22 sq m	153 kg/sq m	1.50 kPa	782 kg	2.46 kg/sq cm	241 kPa
	Outriggers stow ed w ithout rated load	Before T3400-2	1338 kg	0 kg	8.83 sq m	152 kg/sq m	1.49 kPa	635 kg	3.09 kg/sq cm	303 kPa
TMZ34/19*	Outriggers deployed w ith rated load	After T3499-769	1445 kg	227 kg	10.22 sq m	164 kg/sq m	1.60 kPa	836 kg	2.60 kg/sq cm	255 kPa
	Outriggers stow ed w ithout rated load	After T3499-769	1445 kg	0 kg	9.10 sq m	159 kg/sq m	1.56 kPa	685 kg	3.09 kg/sq cm	303 kPa

TMZ-50/30

Model		Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire/Outrigger Load	Tire/Outrigger Contact Pressure	
TMZ-50/30* (ANSI)	Outriggers deployed w ith rated load	All	2404 kg	227 kg	15.30 sq m	172 kg/sq m	1.69 kPa	1315 kg	2.04 kg/sq cm	200 kPa
	Outriggers stow ed w ithout rated load	All	2404 kg	0 kg	11.07 sq m	217 kg/sq m	2.13 kPa	1106 kg	4.57 kg/sq cm	448 kPa
TMZ-50/30* (CE)	Outriggers deployed w ith rated load	All	2336 kg	227 kg	15.30 sq m	167 kg/sq m	1.64 kPa	1281 kg	1.99 kg/sq cm	195 kPa
	Outriggers stow ed w ithout rated load	All	2336 kg	0 kg	11.07 sq m	211 kg/sq m	2.07 kPa	1125 kg	4.57 kg/sq cm	448 kPa

*Model no longer in production.

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Telehandlers (Metric)

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
TH528C	All	7493 kg	2495 kg	12.88 sq m	775 kg/sq m	7.60 kPa	4994 kg	3.52 kg/sq cm	345 kPa
GTH636	All	9525 kg	2722 kg	18 sq m	693 kg/sq m	6.80 kPa	6237 kg	3.52 kg/sq cm	345 kPa
GTH644	All	9752 kg	2722 kg	19 sq m	664 kg/sq m	6.51 kPa	6232 kg	3.52 kg/sq cm	345 kPa
GTH842	All	9752 kg	3629 kg	19 sq m	718 kg/sq m	7.04 kPa	6802 kg	3.52 kg/sq cm	345 kPa
GTH844	All	10,206 kg	3629 kg	19 sq m	728 kg/sq m	7.13 kPa	6891 kg	3.52 kg/sq cm	345 kPa
GTH1048	before 7112	13,835 kg	4536 kg	21 sq m	869 kg/sq m	8.52 kPa	9117 kg	3.52 kg/sq cm	345 kPa
GTH1056	before 7112	14,288 kg	4536 kg	21 sq m	879 kg/sq m	8.62 kPa	9344 kg	3.52 kg/sq cm	345 kPa
GTH1048	after 7111	13,182 kg	4536 kg	16 sq m	869 kg/sq m	8.52 kPa	8845 kg	3.52 kg/sq cm	345 kPa
GTH1056	after 7111	13,636 kg	4536 kg	16 sq m	879 kg/sq m	8.62 kPa	8845 kg	3.52 kg/sq cm	345 kPa

Model	Serial Number	Machine Weight	Rated Load	Occupied Floor Area	Occupied Floor Pressure		Maximum Tire Load	Tire Contact Pressure	
					kg/sq m	kPa		kg/sq cm	kPa
TX5119	All	4250 kg	2300 kg	5.95 sq m	1100 kg/sq m	10.79 kPa	3275 kg	3.52 kg/sq cm	345 kPa
GTH5519	All	4536 kg	2495 kg	6 sq m	1177 kg/sq m	11.54 kPa	3500 kg	4.50 kg/sq cm	441 kPa
GTH6622	All	5897 kg	2994 kg	6 sq m	1099 kg/sq m	10.77 kPa	4497 kg	4.08 kg/sq cm	400 kPa

CAUTION Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.