

GENIE Z-135/70

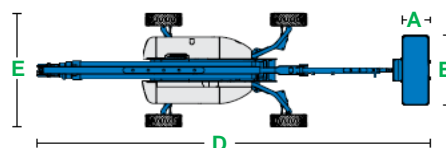
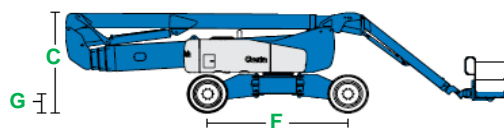


MEASUREMENTS		METRIC	IMPERIAL
Working height maximum*		42.90 m	140 ft 9 in
Platform height maximum		41.15 m	135 ft
Horizontal reach maximum - riser extended		18.03 m	59 ft 2 in
Horizontal reach maximum - riser retracted		21.30 m	69 ft 11 in
Up and over clearance maximum - riser extended		23.01 m	75 ft 6 in
Up and over clearance maximum - riser retracted		9.91 m	32 ft 6 in
Below ground reach		5.87 m	19 ft 3 in
A x B	Platform dimensions (length x width)	0.91 m x 2.44 m	3 ft in x 8 ft
C	Height - stowed	3.10 m	10 ft 2 in
D	Length - stowed	12.93 m	42 ft 5 in
E	Width - axles extended	3.94 m	12 ft 11 in
	Width - axles retracted	2.50 m	8 ft 2 in
F	Wheelbase - axles extended	4.11 m	13 ft 6 in
	Wheelbase - axles retracted	4.72 m	15 ft 6 in
G	Ground clearance - centre	51 cm	1 ft 8 in

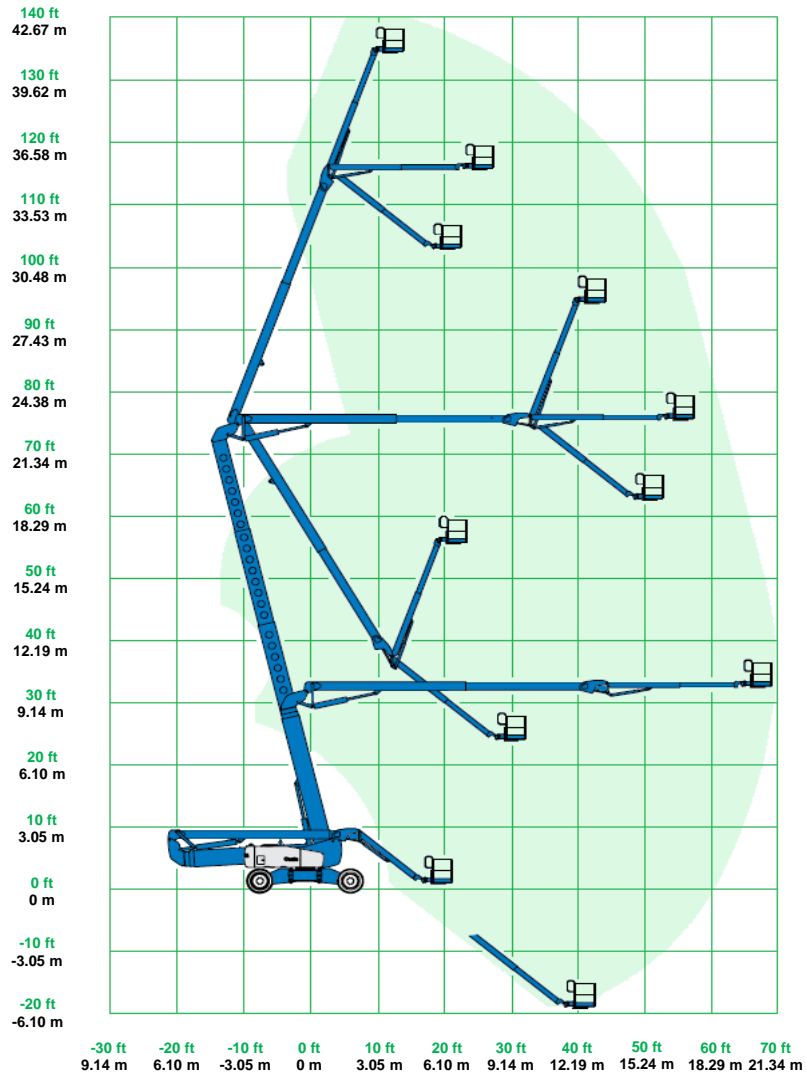
PRODUCTIVITY		
Platform capacity	272 kg	599 lb
Maximum number of persons	2	2
Maximum wind speed (12.5 m/s)	45 km/h	28 mph
Platform rotation	160°	160°
Vertical jib rotation	110°	110°
Turntable rotation	360° continuous	360° continuous
Turntable tailswing - axles extended riser up	0.79 m	2 ft 7 in
Turntable tailswing - riser down	4.27 m	14 ft
Drive speed - stowed	4.8 km/h	2.98 mph
Drive speed - raised	1.1 km/h	0.68 mph
Gradeability - stowed**	45%	24.23°
Inside turning radius - axles extended	2.29 m	7 ft 6 in
Inside turning radius - axles retracted	5.51 m	18 ft 1 in
Outside turning radius - axles extended	5.64 m	18 ft 6 in
Outside turning radius - axles retracted	7.77 m	25 ft 6 in
Raise speed	96 sec	96 sec
Controls	12V DC proportional	12V DC proportional
Tyres - RT lug foam-filled	445/65D22.5	445/65D22.5
Wheel load maximum***	11,340 kg	25,000 lb
Tyre contact pressure***	9.14 kg/cm ² (896 kPa)	130 psi
Occupied floor pressure***	996 kg/m ² (9.76 kPa)	204 psf

POWER		
Power source	Deutz diesel 4 cylinder turbo 55 kW (74 hp)	
Auxiliary power unit	12 V DC	12 V DC
Hydraulic tank capacity	246.1 L	65 gal lqd
Diesel fuel tank capacity	151.4 L	39 gal lqd

WEIGHT****		
	20,262 kg	44,670 lb



GENIE Z135/70 RANGE OF MOTION



*The metric equivalent of working height adds 2 m to platform height. Imperial adds 6 ft to platform height.

**Gradeability applies to driving on slopes. See operator's manual for details regarding slope rating.

***Floor loading information is approximate. It should be used only with adequate safety factors.

****Weight will vary depending on options.