

MANITOU 180ATJ

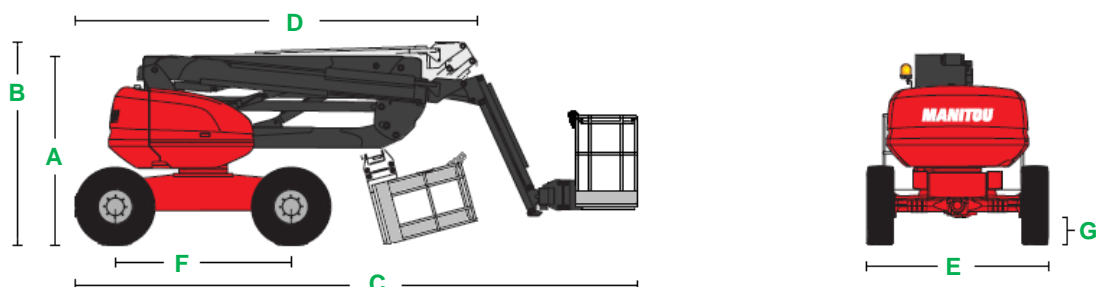


MEASUREMENTS		METRIC	IMPERIAL
Working height maximum*		17.65 m	58 ft
Platform height maximum		15.65 m	51 ft 4 in
Articulation height		7.15 m	23 ft 5 in
Outreach		10.60 m	34 ft 9 in
Platform dimensions (length x width)		0.80 m x 1.80 m	2 ft 7 in x 6 ft
A	Height	2.37 m	7 ft 9 in
B	Height - when folded	2.53 m	8 ft 4 in
C	Length	7.77 m	25 ft 6 in
D	Length - when folded	5.77 m	19 ft
E	Width	2.30 m	7 ft 7 in
F	Wheelbase	2.20 m	7 ft 3 in
G	Ground clearance - centre	42.5 cm	1 ft 5 in

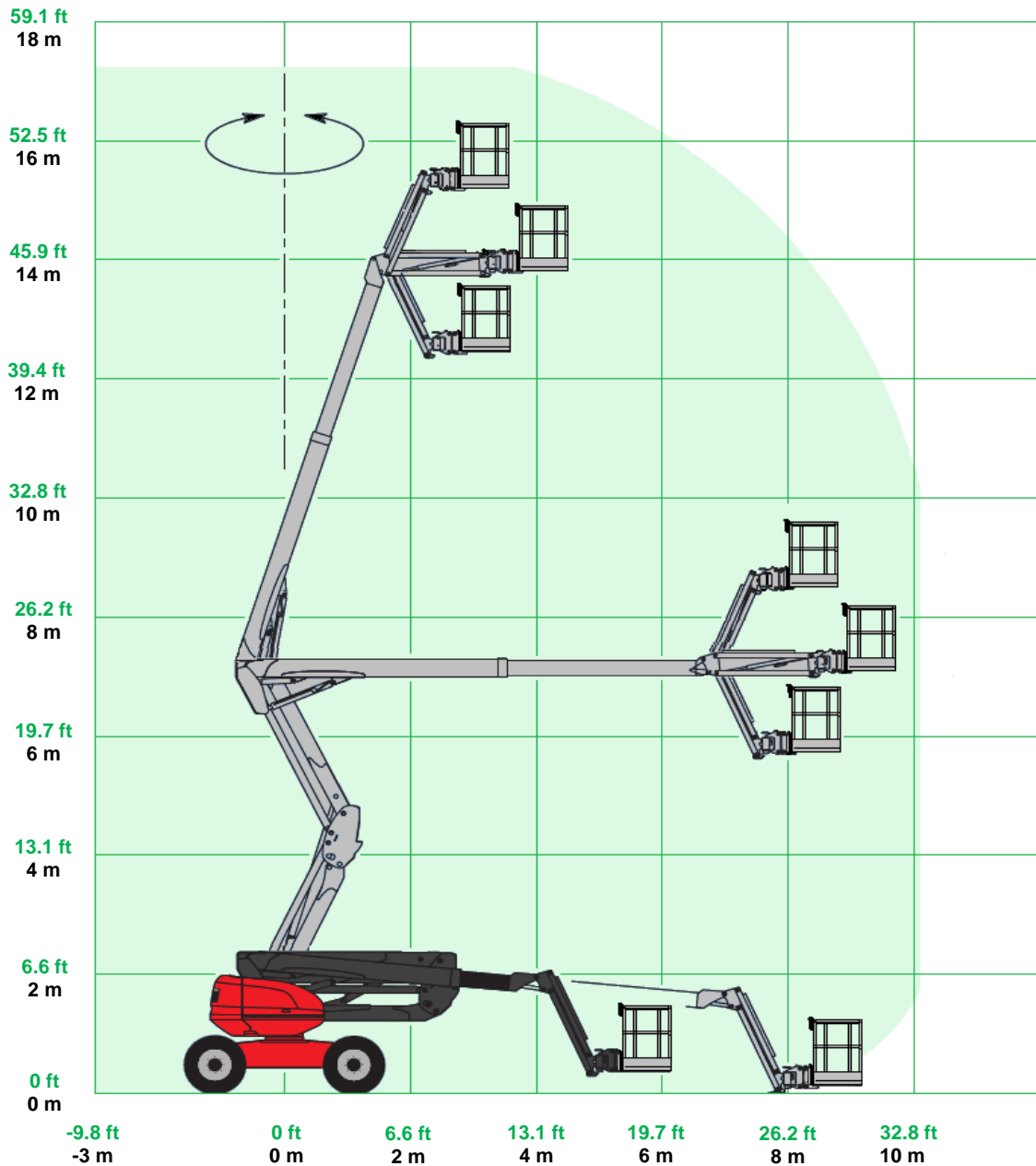
PRODUCTIVITY		
Platform capacity	230 kg	507 lb
Maximum number of persons - indoor / outdoor use	2 / 2	2 / 2
Maximum wind speed (12.5 m/s)	45 km/h	28 mph
Platform rotation	180° (+90° / -90°)	180° (+90° / -90°)
Turret rotation	350°	350°
Jib tilting	140° (+70° / -70°)	140° (+70° / -70°)
Drive speed - stowed	6 km/h	3.72 mph
Drive speed - booms raised**	0.80 km/h	0.49 mph
Gradeability - stowed***	40%	21.80°
Maximum tilt	9%	5°
Inside turning circle	1.32 m	4 ft 4 in
Outside turning circle	3.66 m	12 ft
Basket turning radius	6.87 m	22 ft 6 in
Raise speed	40 sec	40 sec
Controls	proportional	proportional
Drive	four wheel - crab	four wheel - crab
Tyres - foam-filled RT lug	12.5-18	12.5-18
Wheel load maximum (+ offset on 1 wheel)****	5,600 kg	12,345 lb
Floor area supporting 1 wheel****	465 cm ²	-
Pressure****	116.1 N/cm ²	168 psi

POWER		
Power source	Kubota V2403-M diesel 33.5 kW (45 hp)	
Hydraulic tank capacity	54 L	14.26 gal lqd
Diesel tank capacity	52 L	13.73 gal lqd

WEIGHT*****		
	8,090 kg	17,835 lb



MANITOU 180ATJ RANGE OF MOTION



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

**In lift mode (platform raised) the machine is designed to operate on firm, level surfaces only.

***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.