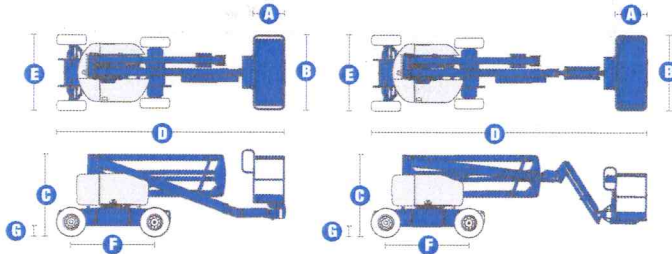


SELF-PROPELLED ARTICULATING BOOMS

Z™-45/25 & Z™-45/25J DC/Bi-Energy



Specifications



MODELS	Z™-45/25 DC & Bi		Z™-45/25J DC & Bi	
	US	Metric	US	Metric
Working height maximum*	51 ft 6 in	15.87 m	51 ft 8 in	15.92 m
Platform height maximum	45 ft 6 in	13.87 m	45 ft 8 in	13.92 m
Horizontal reach maximum	25 ft	7.62 m	25 ft 1 in	7.65 m
Up and over clearance - at platform	23 ft 1 in	7.04 m	23 ft 9 in	7.23 m
at primary arm	23 ft 1 in	7.04 m	22 ft 1 in	6.73 m
A Platform length	2 ft 6 in	.76 m	2 ft 6 in	.76 m
B Platform width	6 ft	1.83 m	6 ft	1.83 m
C Height - stowed	6 ft 7 in	2.00 m	6 ft 7 in	2.00 m
D Length - stowed	18 ft 3 in	5.56 m	22 ft 5 in	6.83 m
E Width	5 ft 10.3 in	1.79 m	5 ft 10.3 in	1.79 m
F Wheelbase	6 ft 8 in	2.03 m	6 ft 8 in	2.03 m
G Ground clearance - center	9.5 in	.24 m	9.5 in	.24 m

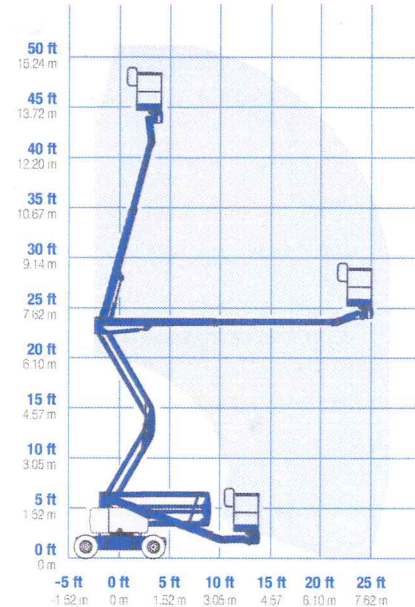
PRODUCTIVITY				
Lift capacity	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	180°		160°	
Vertical jib rotation	—		135°	
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero		zero	
Drive speed - stowed	3.0 mph	4.8 km/h	3.0 mph	4.8 km/h
Drive speed - raised**	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Gradeability - stowed***	30%		30%	
Turning radius - inside	6 ft	1.83 m	6 ft	1.83 m
Turning radius - outside	14 ft	4.26 m	14 ft	4.26 m
Controls	24V DC proportional		24V DC proportional	
Tires	9 x 14.5 in (foam-filled)		9 x 14.5 in (foam-filled)	

POWER				
Power source - DC	48V DC (eight 6 V batteries, 350 Ah capacity)			
Power source - Bi-Energy	48V DC (eight 6 V batteries, 350 Ah capacity) with Kubota 12 hp (8.9 kW) diesel driven alternator			
Auxiliary power unit	24V DC		24V DC	
Hydraulic tank capacity	8 gal	30.3 L	8 gal	30.3 L
Fuel tank capacity	9 gal	34.1 L	9 gal	34.1 L

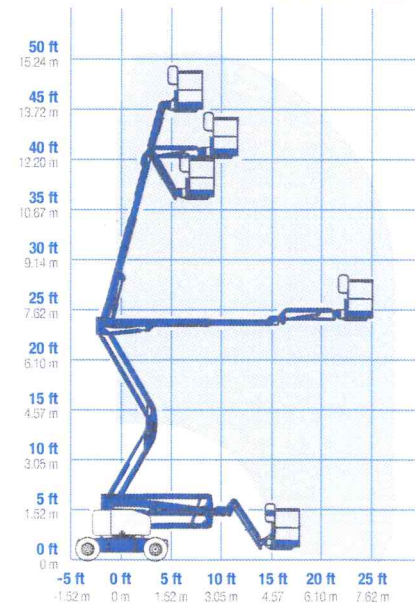
WEIGHT****				
DC	15,350 lbs	6,963 kg	16,300	7,394 kg
Bi-energy	15,850 lbs	7,190 kg	16,800	7,620 kg

STANDARDS COMPLIANCE ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10

RANGE OF MOTION Z™-45/25



RANGE OF MOTION Z™-45/25J



* The metric equivalent of working height adds 2 m to platform height. U.S. 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 ratings.
 **** Weight will vary depending on options and/or country standards.