

INNOVATION LEADS TO VALUE



SUNWARD

SWA 16J

ARTICULATED BOOM LIFT



Standard functions

Proportional Control	Anti extrusion device	Tilt Protection System	Load Sensing System
Fault Diagnosis System	Long Distance Communication System	Buzzer	The Horn
Standard 4x4 Driven	Swing out engine tray	360° Degree Continuous Rotation Of Turntable	Hydrostatic Automatic Leveling System
Emergency Descent System	Emergency Pump	Swing Bridge Chassis	Flashing Beacon

Optional Functions

Air line to platform	Biodegradable Hydraulic Fluid	AC power cord to platform	Platform Working Light
GPS Tracking System	Foam Filled Tire		

TECHNICAL PARAMETERS



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Dimensions

Max. working height		16 m
Max. platform height		14 m
Max.horizontal reach		8.02 m
Max.horizontal span radius		8.62 m
Max.up and over clearance		7.6 m
A	Length - stored	6.93 m
	Length - transport	5.9 m
B	Height - stored	2.17 m
C	The wheelbase	2.25 m
D	Overall width	2.3 m
E	Ground clearance - middle	0.35 m
F/G	Working platform dimensions	1.83 x 0.76 m

Performance

Rated load	250 kg
Max. number of workers	2
Platform rotation	160°
Turntable rotation	360°continuous
Turntable tail swing	0
Max. Traveling speed - Stored	6.8 km/h
Max. Traveling speed - Lifting	0.8km/h
Turning radius - Inside/outside	2.09/4.98 m
Max. gradeability (counterweight upwards)	40%
Max. gradeability (counterweight downwards)	45%
Max. allowable working angle	5°
Power source	Kubota V2403
Power and speed of engine	47.9 kW/2700 rpm
Auxiliary power unit	12 V
Hydraulic tank capacity	82 L
Fuel tank capacity	73 L
Tire	33x12-20
Overall weight	7650 kg

* The working height equals to the platform height plus 2 m.

* The gradeability is adaptive to driving on slopes; refer to the Operation Manual for relevant levels of gradeability.

