

TB47J

General Specifications

Aerial Platform

Working height	16 m
Maximum platform height	14.2 m
Horizontal reach	11.9 m
Main boom	
Articulation	-18° to +75°
Extension	2.5 m
Turntable rotation	360° continuous
Turning radius, inside	
Two wheel drive	1.6 m
Four wheel drive	1.7 m
Wheelbase	2.4 m
Ground clearance	25 cm
Maximum wheel load	2,495 kg
Maximum ground pressure	3.8 kg/cm ²
Weight, GVW	
Approximate	6,123 kg
Stowed width	2.4 m
With flotation tires	2.6 m
Stowed length	8.1 m
Stowed length, tucked stow	6.5 m
Stowed height	2.3 m
Stowed height, tucked stow	2.4 m

Platform

Dimensions	
Standard steel	76 cm x 152 cm
Rated work load	227 kg
Optional aluminum	76 cm x 234 cm
Rated work load	227 kg
Optional aluminum	76 cm x 152 cm
Rated work load	227 kg
Rotation	90° CW to 80° CCW
Maximum number of occupants	2 people
Optional AC generator	220 VAC

Function Speed

Turntable rotation, 360 degrees	108 to 113 seconds
Main boom	
Up	65 to 70 seconds
Down	65 to 70 seconds
Extend	40 to 45 seconds
Retract	25 to 30 seconds
Jib	
Up	25 to 35 seconds
Down	25 to 35 seconds
Platform rotation, 170 degrees	8 to 15 seconds
Drive	
High, booms stowed	4.8 km/h
Low, booms elevated	1.6 km/h

Drive System

Standard	Four wheel drive
Optional	Two wheel drive
Gradeability	25%

Tires

Street tread, 10 ply	30 cm x 42 cm
Bar lug, 10 ply	30 cm x 42 cm
Flotation, 10 ply	33/16LL-16.1
Foam filled, 10 ply	Street tread or bar lug

Electrical System

Voltage	12 V DC negative chassis ground
Source	Two - 12 V 600 CCA batteries
Fluid recommended	distilled water

Hydraulic System

Maximum pressure	20,684 kPa
Reservoir capacity	62.4 l
System capacity	94.6 l
Maximum operating temperature	93°C
Hydraulic fluid recommended	
Above -13°C	Mobil DTE-13M (ISO VG32)
Below -13°C	Mobil DTE-11M (ISO VG15)

Engine

Diesel	Cummins B3.3
Diesel	Deutz F3L-2011F

Fuel Tank Capacity

Diesel	75.7 l
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Ambient Air Temperature Operating Range

Celsius	-18°C to 43°C
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Maximum Wind Speed

Gust or steady	45 km/h
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