

Technical sheet :

TJ 80+



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HANDLING YOUR WORLD

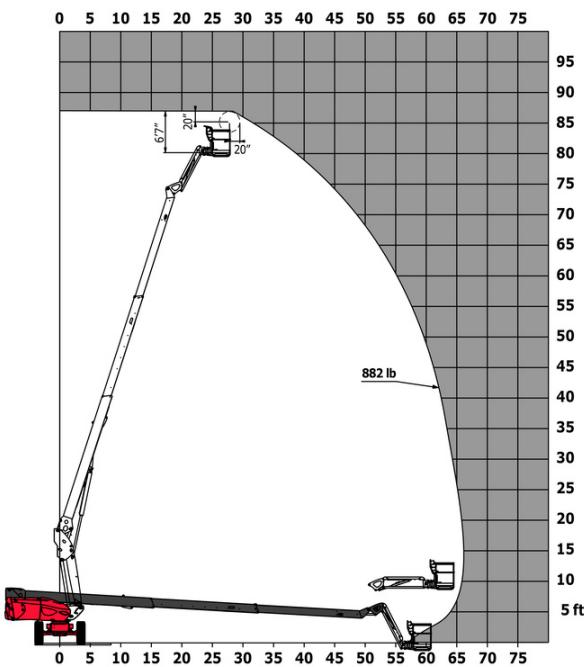
Capacities		Imperial
Working height	h21	84 ft 11 in
Platform height	h7	78 ft 5 in
Maximum outreach		64 ft 8 in
Pendular arm rotation (top / bottom)		+70 ° / -63 °
Platform capacity	Q	899 lb
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3
Weight and dimensions		Imperial
Platform weight*		35946 lb
Platform dimensions (length x width)	l _p / ep	7 ft 7 in x 2 ft 11 in
Floor height (access)	h20	1 ft 4 in
Overall length	l1	35 ft 7 in
Overall width	b1	8 ft 2 in
Overall height	h17	8 ft 11 in
Overall length (stowed)	l9	25 ft 10 in
Overall height (stowed)	h18 ***	9 ft 2 in
Jib length	l13	7 ft 10 in
Counterweight offset (turret at 90°)	a7	4 ft 8 in
Counterweight Oversize / Reach		4 ft 8 in
External turning radius	Wa3	14 ft 3 in
Ground clearance at centre of wheelbase	m2	1 ft 4 in
Wheelbase	y	9 ft 2 in
Performances		Imperial
Drive speed - stowed		3 mph
Drive speed - raised		0.50 mph
Gradeability		37.50 %
Permissible leveling		4 °
Wheels		Imperial
Tires type		Solid tires
Standard tires		40 x 14 in / 1025 x 365 mm
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		2 / 2
Engine/Battery		Imperial
Engine brand / model		Kubota - D1803-CR-TIE4B
Engine norm		Tier 4
Engine power (Hp / kW)		49.60 Hp / 37 kW
Miscellaneous		Imperial
Hydraulic Pressure		5802 PSI
Hydraulic tank capacity		25 US gal
Fuel		19 US gal
Vibration on hands/arms		2 ft/s ²
Standards compliance		Imperial
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

*Varies according to options and standards of the country to which the machine is delivered

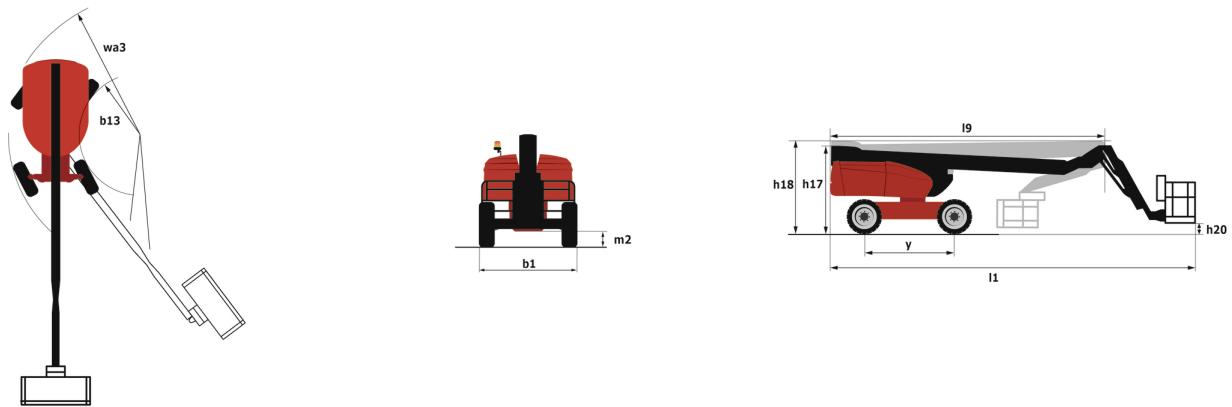
** According to "REDUCE cycle"

TJ 80+ - Load chart

Load Chart for MEWP (Imperial)



TJ 80+ - Dimensional drawing



Equipment

Standard

- 110 V American plug with differential circuit breaker
- 4 wheel drive
- 4 wheel steer with crab mode
- Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
- Backup electrical pump
- Battery cut-off
- CAN bus technology
- Continuous turret rotation
- Differential locking on rear axle
- Easy Manager
- Electronic platform compensation
- Emergency stop button in platform and on frame
- Engine mounted on sliding platform
- Fuel gauge with low level indicator
- Hour meter
- Integrated diagnostic assistance
- Large basket with three entries
- Lift and drive
- Operator presence pedal
- Oscillating front axle
- Remote control for transport
- Turret orientation information
- Water heater

Optional

- Additional storage boxes
- Biodegradable oil
- Catalytic cleaner
- Coded anti-start
- Cold weather protection oil
- Combination Radiator & Hydraulic Oil Cooler
- Electric generator
- Engine compartment with key lock
- Extreme cold diesel fuel
- High-float tires 1046 x 444 / 41x18LL22.5
- Key lock on fuel tank
- Non-marking tires
- Panel support kit
- Secondary Protection System (SPS)
- Tube support kit
- Welder ready package
- Working light



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