Technical sheet:

TJ 80+





		TJ 80+	Created on April 25, 2024 at 7:44:21 PM UT
Capacities		Metric	Imperial
Working height	h21	25.89 m	84 ft 11 in
Floor height (access)	h20	0.40 m	1 ft 4 in
Platform height	h7	23.89 m	78 ft 5 in
Max. outreach		19.70 m	64 ft 8 in
Pendular arm rotation (top / bottom)		+70 ° / -63 °	+70 ° / -63 °
Platform capacity	Q	408 kg	899 lb
Turret rotation		360 °	360 °
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3	3 / 3
Weight and dimensions			
Platform weight*		16305 kg	35946 lb
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m	7 ft 7 in x 2 ft 11 in
Overall length	l1	10.84 m	35 ft 7 in
Overall width	b1	2.48 m	8 ft 2 in
Overall height	h17	2.71 m	8 ft 11 in
Overall length (stowed)	19	7.88 m	25 ft 10 in
Overall height (stowed) **	h18	2.80 m	9 ft 2 in
Jib length	l13	2.40 m	7 ft 10 in
Counterweight offset (turret at 90°)	a7	1.43 m	4 ft 8 in
Counterweight Oversize / Reach		1.42 m	4 ft 8 in
External turning radius	Wa3	4.35 m	14 ft 3 in
Ground clearance at centre of wheelbase	m2	0.41 m	1 ft 4 in
Wheelbase	٧	2.80 m	9 ft 2 in
Performances			
Drive speed - stowed		4.50 km/h	3 mph
Drive speed - raised		0.80 km/h	0.50 mph
Gradeability		37.50 %	37.50 %
Permissible leveling		4 °	4 °
Wheels			
Tires type		Solid Tires Cured-On	Solid Tires Cured-On
Standard tires		40 x 14 in / 1025 x 365 mm	40 x 14 in / 1025 x 365 mm
Drive wheels (front / rear)		2 / 2	2/2
Steering wheels (front / rear)		2/2	2/2
Braking wheels (front / rear)		2/2	2 / 2
Engine/Battery			
Engine brand / model		Kubota - D1803-CR-TIE4B	Kubota - D1803-CR-TIE4B
Engine norm		Tier 4	Tier 4
I.C. Engine power rating / Power		49.60 Hp / 37 kW	49.60 Hp / 37 kW
Miscellaneous			
Ground Pressure		21.30 dan/cm2	309 PSI
Hydraulic Pressure		400 bar	5802 PSI
Hydraulic tank capacity		94	25 US gal
Fuel tank		72	19 US gal
Vibration on hands/arms		< 0.50 m/s²	< 0.50 m/s ²
Standards compliance		2.20 11,70	3.55 11,75
		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6	ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6
This machine is in compliance with:		Standard Canadian EMC	Standard Canadian EMC

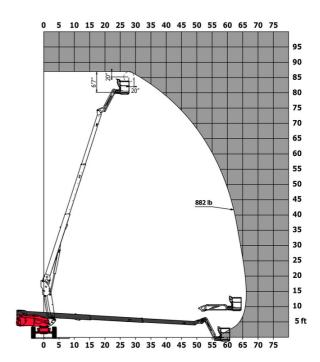
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

TJ 80+ - Load chart

Load Chart for MEWP Metric

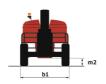
0 2 4 6 8 10 12 14 16 18 20 22 28 26 24 22 20 18 16 14 12 10 8 6 4 2 m

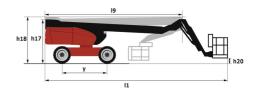
Load Chart for MEWP (Imperial)



TJ 80+ - Dimensional drawing







Equipment

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 Rear axle with limited slip differential 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 Extreme cold diesel fuel High-float tires 1046 x 444 / 41x18LL22.5 Key lock on fuel tank Key lock on turret cover Non-marking tyres Panel support kit SMS : Safe Man System Tube support kit Welder ready package Working light





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