

Technical sheet :

# TJ 80+

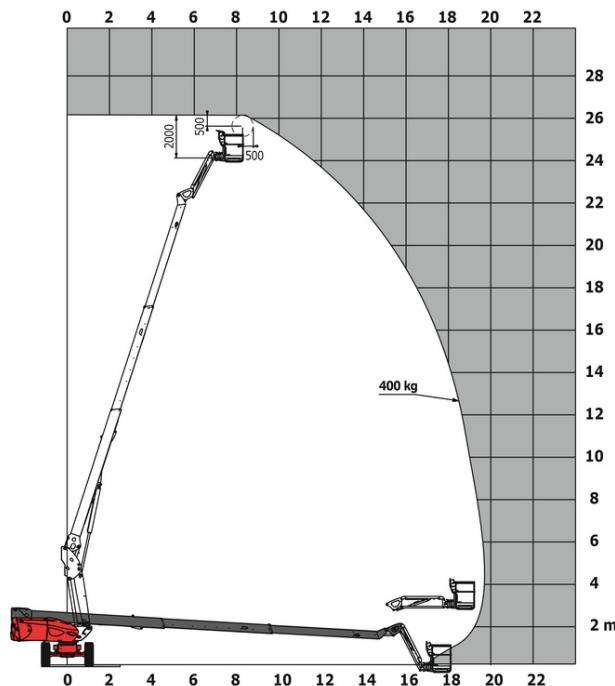


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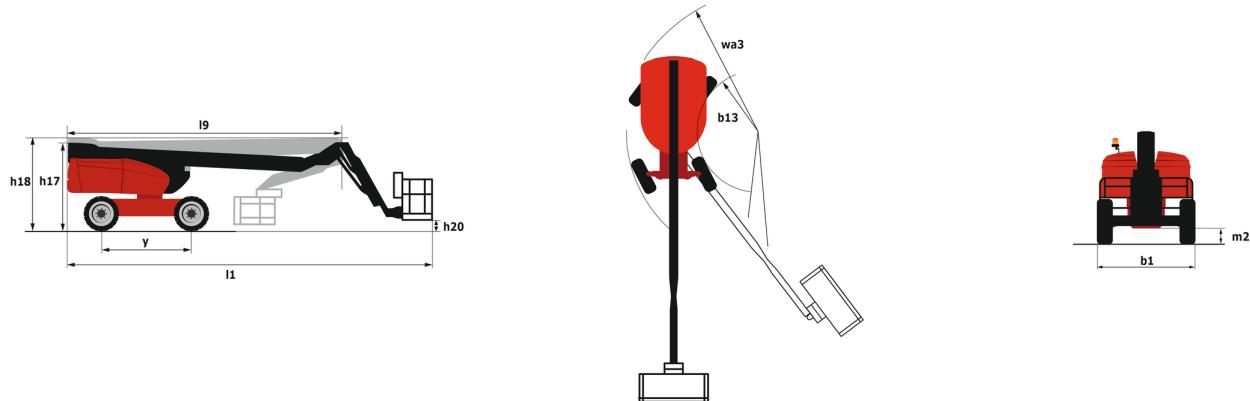
Capacities		Metric
Working height	h21	25.72 m
Platform height	h7	23.89 m
Max. outreach		19.70 m
Pendular arm rotation (bottom)		+63 °
Platform capacity	Q	408 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (inside / outside)		3 / 3
Weight and dimensions		
Platform weight*		16305 kg
Platform dimensions (length x width)	l <sub>p</sub> / ep	2.30 m x 0.90 m
Overall width	b1	2.48 m
Overall length	l1	10.84 m
Overall height	h17	2.71 m
Overall length (stowed)	l9	7.88 m
Overall height (stowed)	h18	2.80 m
Floor height (access)	h20	0.40 m
Jib length	l13	2.40 m
Counterweight offset (turret at 90°)	a7	1.43 m
Internal turning radius (over tyres)	b13	1.97 m
External turning radius	Wa3	4.35 m
Ground clearance at centre of wheelbase	m2	0.41 m
Wheelbase	y	2.80 m
Performances		
Drive speed - stowed		4.70 km/h
Drive speed - raised		0.80 km/h
Gradeability		40 %
Permissible leveling		4 °
Wheels		
Tires type		Solid Tyres Cured-On
Dimensions of front wheels / rear wheels		1,02 x 0,36 - 1,02 x 0,36
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Engine brand / model		Kubota - D1803-CR-TIE4B
Engine nom		Stage V
I.C. Engine power rating / Power (kW)		36.98 kW / 37 kW
Miscellaneous		
Ground Pressure		21.30 dan/cm <sup>2</sup>
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 l
Fuel tank		72 l
Vibration on hands/arms		< 0.50 m/s <sup>2</sup>
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

## TJ 80+ - Load chart

Load Chart for AWP Metric



## TJ 80+ - Dimensional drawing



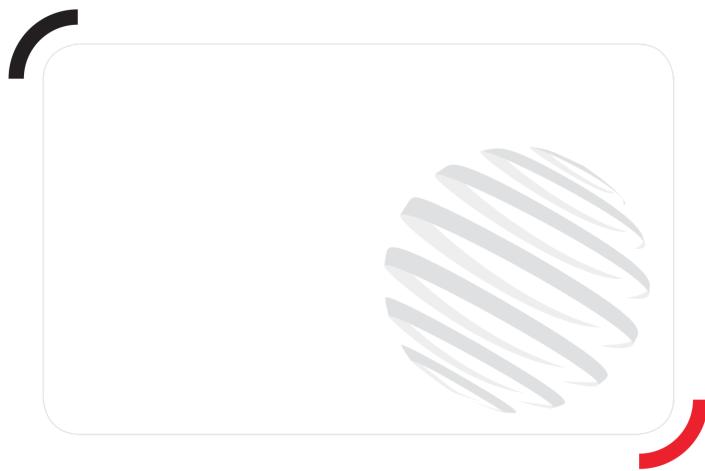
# Equipment

## Standard

- 110 V plug with differential circuit breaker
- 4 wheel drive
- 4 wheel steer with crab mode
- Audible alarm and illuminated indicator lamp (levelling, 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
- Beep on every movement
- Beep upon travel
- Biodegradable oil
- Catalytic cleaner
- Coded anti-start
- Cold weather protection oil
- Combination Radiator & Hydraulic Oil Cooler
- Electric generator
- Extreme cold diesel fuel
- 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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