

Technical sheet :

TJ 85

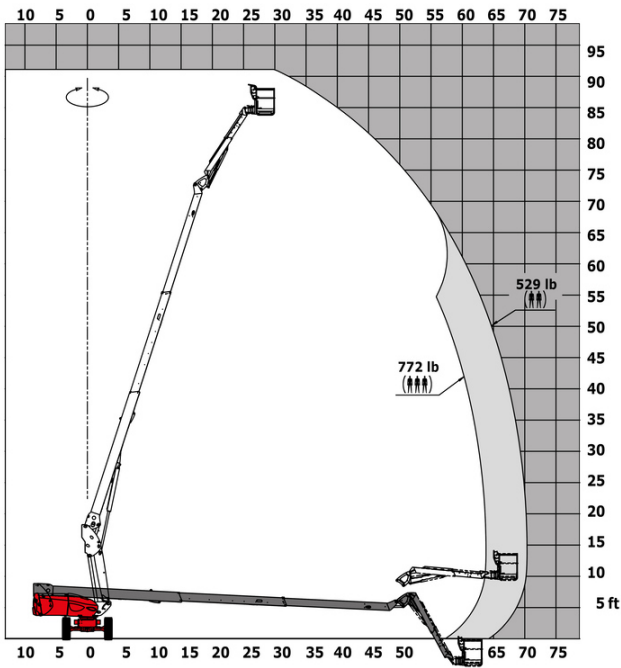


Capacities		Imperial
Working height	h21	91 ft
Platform height	h7	84 ft 5 in
Max. outreach		70 ft 4 in
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °
Platform capacity / capacity (maximum)	Q	529 lb / 772 lb
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 3
Weight and dimensions		
Platform weight*		36350 lb
Platform dimensions (length x width)	lp / ep	7 ft 7 in x 2 ft 11 in
Floor height (access)	h20	1 ft 7 in
Overall length	l1	37 ft 3 in
Overall width	b1	8 ft 2 in
Overall height	h17	8 ft 11 in
Overall length (stowed)	l9	26 ft 7 in
Overall height (stowed)	h18 ***	8 ft 11 in
Jib length	l13	12 ft 6 in
Counterweight offset (turret at 90°)	a7	4 ft 8 in
Counterweight Oversize / Reach		4 ft 9 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		
Drive speed - stowed		3 mph
Drive speed - raised		0.50 mph
Gradeability		37.50 %
Wheels		
Tires type		Solid Tires Cured-On
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		
Engine brand / model		Kubota - D1803-CR-TIE4B
I.C. Engine power rating / Power		49.60 Hp / 37 kW
Miscellaneous		
Ground Pressure		309 PSI
Hydraulic Pressure		5802 PSI
Hydraulic tank capacity		25 US gal
Fuel tank		19 US gal
Sound level at platform		0.50 dB
Noise to environment (LWA)		< 102 dB
Vibration on hands/arms		< 0.50 m/s ²
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

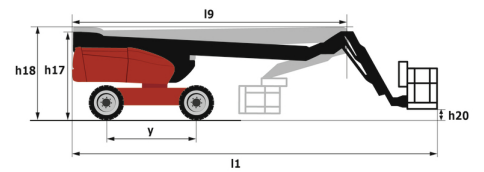
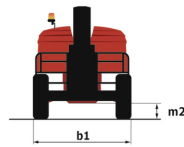
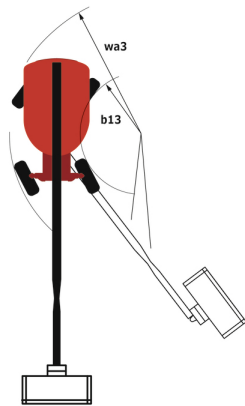
*Varies according to options and standards of the country to which the machine is delivered

TJ 85 - Load chart

Load Chart for MEWP (Imperial)



TJ 85 - Dimensional drawing



Equipment

Standard

- 4 simultaneous movements
- 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
- Dead man pedal
- Differential locking on rear axle
- Electronic platform compensation
- Emergency stop button in platform and on frame
- Engine on swivel chair
- Front axle with limited slip
- Fuel gauge with low level indicator
- Hom in the platform
- Hour meter
- Lift and drive
- Oscillating front axle
- Painted basket for heavy loads 2,300 mm (7ft 7 in.)
- Remote control for transport
- Telescopic jib
- Water heater

Optional

- Biodegradable oil
- Catalytic cleaner
- Coded anti-start
- Cold weather kit
- Electric generator
- High-float tires 1046 x 444 / 41x18LL2.5
- Initial verification report before putting into service
- Key lock on fuel tank
- Lockable fuel cap
- Non-marking tyres
- Non-marking tyres
- On-board generator (3,5 or 5 kW)
- Personalized paintwork
- Refinery kit
- SMS : Safe Man System
- Safety harness
- Screen protection on the lower box control
- Welder ready package
- Working light

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