

Technical sheet :

TJ 85

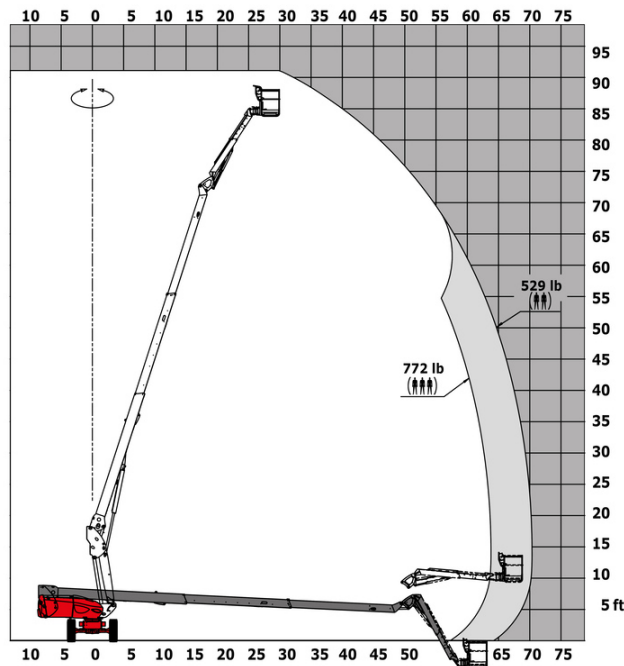


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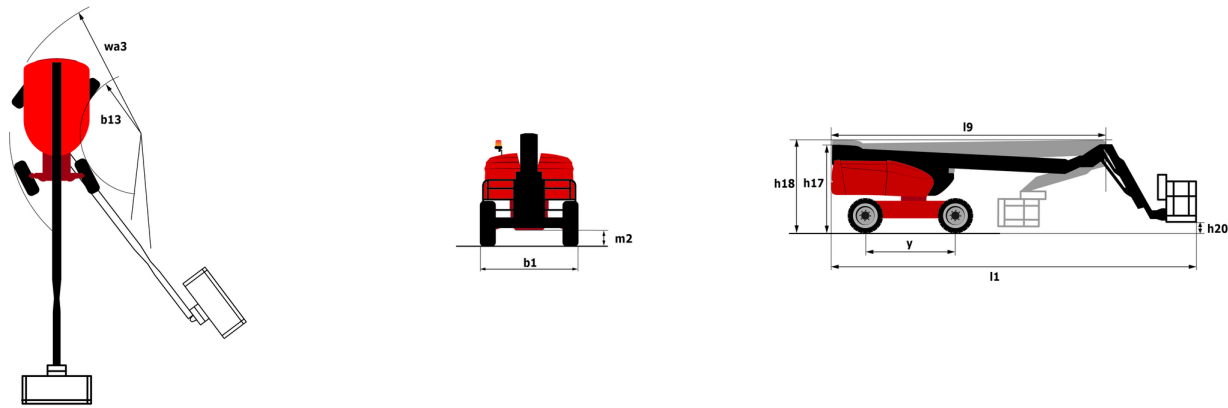
Capacities		Imperial
Working height	h21	91 ft 10 in
Platform height	h7	84 ft 6 in
Max. outreach		70 ft 4 in
Pendular arm rotation (bottom)		+62 °
Platform capacity / capacity (maximum)	Q	529 lb / 772 lb
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		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
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
Floor height (access)	h20	1 ft 7 in
Jib length	l13	12 ft 6 in
Counterweight offset (turret at 90°)	a7	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		
Drive speed - stowed		3 mi/h
Drive speed - raised		0.50 mi/h
Gradeability		37.50 %
Wheels		
Tyres type		Solid Tyres Cured-On
Standard tyres		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 (kW)		49.60 Hp / 37 kW
Miscellaneous		
Ground Pressure		323 PSI
Hydraulic Pressure		5802 PSI
Hydraulic tank capacity		25 US gal
Fuel tank		19 US gal
Sound level at platform		0.50 dB
Vibration on hands/arms		< 0 m/s²
Standards compliance		
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC

TJ 85 - Load chart

Load Chart for AWP 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
Basket 2,300 mm
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
Horn in the platform
Hour meter
Lift and drive
Oscillating front axle
Remote control for transport
Telescopic jib
Water heater

Optional
Beep on every movement
Beep upon travel
Biodegradable oil
Catalytic cleaner
Coded anti-start
Cold weather kit
Electric generator
Initial verification report before putting into service
Key lock on fuel tank
Lockable fuel cap
Non-marking tyres
Non-marking tyres
Onboard 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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