Technical sheet:

TJ 85

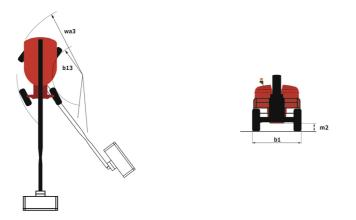


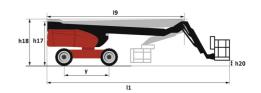


	TJ 85 Ge	ated on November 8, 2025 at 6:46 AM UT
Capacities		Metric
Working height	h21	27.73 m
Platform height	h7	25.73 m
Maximum outreach		21.45 m
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2/3
Weight and dimensions		
Platform weight*		16488 kg
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m
Floor height (access)	h20	0.48 m
Overall length	I1	11.36 m
Overall width	b1	2.48 m
Overall height	h17	2.73 m
Overall length (stowed)	19	8.09 m
Overall height (stowed)	h18 ***	2.71 m
Jib length	l13	3.80 m
Counterweight offset (turret at 90°)	a7	1.43 m
Counterweight Oversize / Reach	u,	1.45 m
External turning radius	Wa3	4.35 m
Ground clearance at centre of wheelbase	m2	0.41 m
Wheelbase	у	2.80 m
Performances	,	2.00 111
Drive speed - stowed		4.50 km/h
Drive speed - raised		0.80 km/h
Gradeability		37.50 %
Wheels		07.55 %
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		272
Engine brand / model		Kubota - D1803-CR-TIE4B
Engine norm		Tier 4
Engine power (Hp / kW)		49.60 Hp / 37 kW
Miscellaneous		45.00 Hp / 57 kW
Ground Pressure		21.30 dan/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 I
Fuel		72
Sound level at platform		0.50 dB
Noise to environment (LwA)		v.sv ab < 102 dB
Vibration on hands/arms		
		< 0.50 m/s²
Standards compliance		ANCI A02 20 2019 CCA P254 6 IO50 002 I 6
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 - Dimensional drawing





Equipment

Turret orientation information

Water heater

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 Horn 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

Optional
Biodegradable oil
Catalytic cleaner
Coded anti-start
Cold weather kit
Electric generator
High-float tires 1046 x 444 / 41x18LL22.5
Initial verification report before putting into service
Key lock on fuel tank
Lockable fuel cap
Non-marking thres
Non-marking thres
On-board generator (3,5 or 5 kW)
Personalized paintwork
Refinery kit
Safety hamess
Screen protection on the lower box control
Secondary Protection System (SPS)
Welder ready package
Working light





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