Technical sheet :

TJ 85





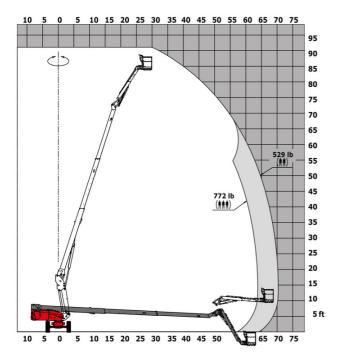
тлвь Created on April 26, 2024 at 12:18:19 AM UTC

		TJBS Cleated Off April 20, 2024 at 12. 16. 19 ANI OTC				
Capacities		Metric	Imperial			
Working height	h21	27.73 m	91 ft			
Floor height (access)	h20	0.48 m 1 ft 7 in				
Platform height	h7	25.73 m	84 ft 5 in			
Max. outreach		21.45 m	70 ft 4 in			
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °	+56.80 ° / -62 °			
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg	529 lb / 772 lb			
Turret rotation		360 °	360 °			
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °			
Number of people (indoor / outdoor)		2/3	2/3			
Weight and dimensions						
Platform weight*		16488 kg	36350 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	1	11.36 m	37 ft 3 in			
Overall width	b1	2.48 m	8 ft 2 in			
Overall height	h17	2.73 m	8 ft 11 in			
Overall length (stowed)	19	8.09 m	26 ft 7 in			
Overall height (stowed) **	h18	2.71 m	8 ft 11 in			
Jib length	113	3.80 m	12 ft 6 in			
Counterweight offset (turret at 90°)	а7	1.43 m	4 ft 8 in			
Counterweight Oversize / Reach		1.45 m	4 ft 9 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	у	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 %			
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			
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			
Sound level at platform		0.50 dB	0.50 dB			
Noise to environment (LwA)		< 102 dB	< 102 dB			
Vibration on hands/arms		< 0.50 m/s²	< 0.50 m/s²			
Standards compliance						
This machine is in compliance with:		ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC	ANSI A92.20-2018 CSA B354.6 ICES-002-Issue 6 Standard Canadian EMC			

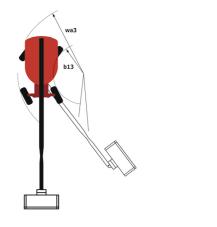
 $\mbox{*Varies}$ according to options and standards of the country to which the machine is delivered

TJ 85 - Load chart

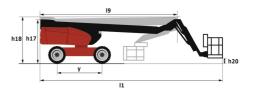
Load Chart for MEWP (Imperial)



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
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
Hom in the platform
Hour meter
Lift and drive
Oscillating front axle
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 / 41x18LL22.5
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 hamess
Screen protection on the lower box control
Welder ready package
Working light



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