

Technical sheet :

# TJ 65



 **MANITOU**  
HANDLING YOUR WORLD

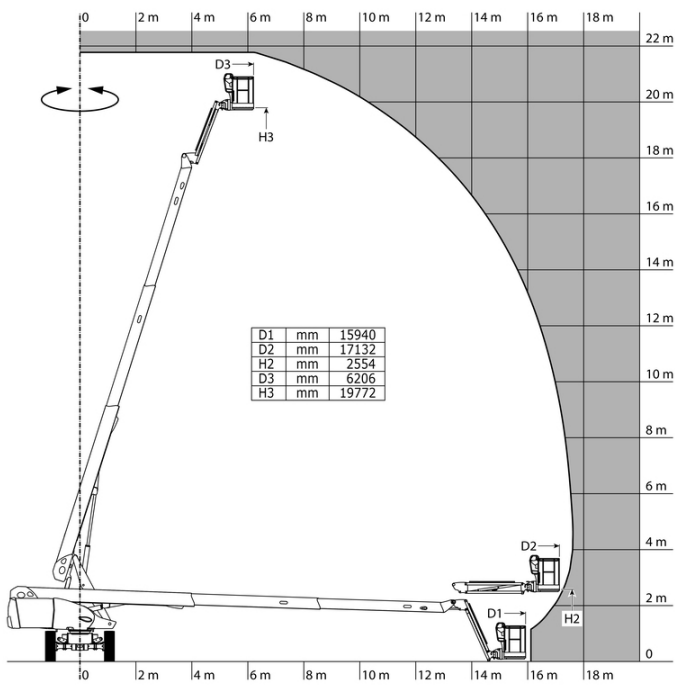
Capacities		Metric
Working height	h21	21.77 m
Platform height	h7	19.77 m
Max. outreach		17.63 m
Pendular arm rotation (top / bottom)		+69 ° / -66 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor)		2
Weight and dimensions		
Platform weight*		11850 kg
Platform dimensions (length x width)	lp / ep	2.10 m x 0.80 m
Floor height (access)	h20	0.39 m
Overall length	l1	9.80 m
Overall width	b1	2.48 m
Overall height	h17	2.66 m
Overall length (stowed)	l9	7.29 m
Overall height (stowed)	h18 **	2.72 m
Jib length	l13	2 m
Counterweight offset (turret at 90°)	a7	1.35 m
Counterweight Oversize / Reach		1.34 m
External turning radius	Wa3	6.19 m
Ground clearance at centre of wheelbase	m2	0.44 m
Wheelbase	y	2.80 m
Performances		
Drive speed - stowed		4.40 km/h
Drive speed - raised		1 km/h
Gradeability		40 %
Wheels		
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 / 0
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Engine brand / model		Kubota - D1803-CR-TIE4B
Engine nom		Tier 4
Engine power (Hp / kW)		49.60 Hp / 37 kW
Miscellaneous		
Ground Pressure		18.20 daN/cm <sup>2</sup>
Hydraulic Pressure		340 bar
Hydraulic tank capacity		94 l
Fuel tank capacity		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

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

\*\* According to "REDUCE cycle"

## TJ 65 - Load chart

Load Chart for MEWP Metric



## TJ 65 - Dimensional drawing



# Equipment

---

## Standard

4 simultaneous movements  
4 wheel drive  
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)  
Backup electrical pump  
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  
Front axle with limited slip  
Fuel gauge with low level indicator  
Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)  
Hour meter  
Integrated diagnostic assistance  
Leveling unlocking  
Management via engine speed bearing  
Oscillating front axle  
Proportional controls  
Turret orientation detection  
Turret orientation detector

## Optional

Antitheft digicode  
Biodegradable oil  
Cold environment package  
Diesel tank locking cap  
Electric plug - 110V - In the basket - With differential circuit breaker - USA (B) type  
High-float tires 1046 x 444 / 41x18LL22.4  
Hydraulic generator  
LED work light - On basket  
Non-marking tires  
Remote control for transport  
Safe Man System (SMS)  
Screen protection on the lower box control  
Water pre-fitting  
Welding pack

**Head Office**

B.P. 249 - 430 rue de l'Aubinière  
44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes