Technical sheet:

220 TJ ST5



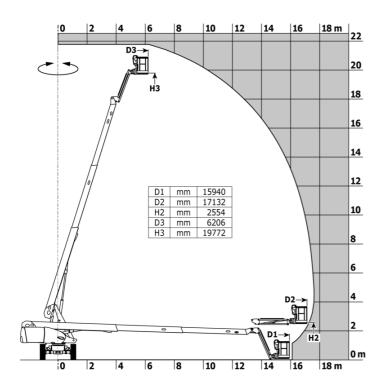


	220 TJ ST 5	Created on May 2, 2024 at 4:20:51 AM UTC
Capacities		Metric
Working height	h21	21.77 m
Floor height (access)	h20	0.39 m
Platform height	h7	19.77 m
Max. outreach		17.63 m
Pendular arm rotation (top / bottom)		+69 ° / -66 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2/2
Weight and dimensions		
Platform weight*		11850 kg
Platform dimensions (length x width)	lp / ep	2.10 m x 0.76 m
Overall length	11	9.81 m
Overall width	b1	2.48 m
Overall height	h17	2.66 m
Overall length (stowed)	19	7.29 m
Overall height (stowed)	h18	2.72 m
Jib length	l13	2 m
Counterweight offset (turret at 90°)	a7	1.35 m
External turning radius	Wa3	6.19 m
Ground clearance at centre of wheelbase	m2	0.44 m
Wheelbase	y	2.80 m
Performances	,	2.00 111
Drive speed - stowed		4.40 km/h
Drive speed - raised		1 km/h
Gradeability		40 %
Permissible leveling		4 °
Wheels		
Tires type		Solid Tires Cured-On
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2/0
Braking wheels (front / rear)		0 / 2
Engine/Battery		07.2
Engine brand / model		Yanmar - 3TNV88C
Engine norm		Stage V
I.C. Engine power rating / Power		37 Hp / 27.50 kW
Miscellaneous		07 Hp / 27.00 KH
Ground Pressure		18.20 dan/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		941
Fuel tank		72
Noise to environment (LwA)		< 105 dB
Standards compliance		\ 10J ub
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

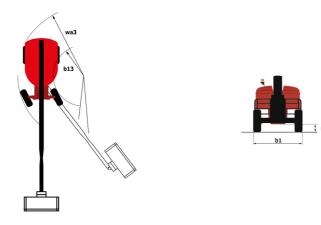
^{*}Varies according to options and standards of the country to which the machine is delivered

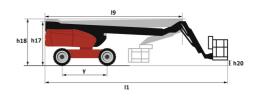
220 TJ ST5 - Load chart

Load Chart for MEWP Metric



220 TJ ST5 - Dimensional drawing





Equipment

230V Predisposition

4 simultaneous movements

4 wheel drive

Audible alarm and illuminated indicator lamp (leveling, overload, lowering)

Backup electrical pump

Connected machine

Continuous turret rotation

Differential locking on rear axle

Easy fast slinging system

Electronic platform compensation

Emergency stop button in platform and on frame

Engine mounted on sliding platform

Engine with DPF

Front axle with limited slip

Fuel gauge with low level indicator

Fully galvanized basket with demountable floor

Hour meter

Integrated diagnostic assistance

LED rotating beacon

LS pump

Large color screen on turret

Leveling unlocking

Oscillating front axle

Proportional controls

Stop & Go system

Optional

110 or 230V plug with differential circuit breaker

Battery blanket

Battery cut-off

Biodegradable hydraulic oil - Grade 32

Engine Block Heater

Galvanized basket 2.100 mm / 6'11" with lateral door

Hydraulic oil for cold temperature

Key lock on fuel tank

Key lock on turret cover

Non marking solid tyres

On-board generator (3,5 or 5 kW)

Personalized paintwork

Remote control for transport

Safety kit - Hamess + helmet

Safety valve

Screen protection on the lower box control

Secondary Protection System (SPS)

Socket 230 V + differential circuit breaker

Solid tyres cured-on

Spark arrester

Turret orientation information

Water predisposition

Working light





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



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