Technical sheet:

# 220 TJ ST5



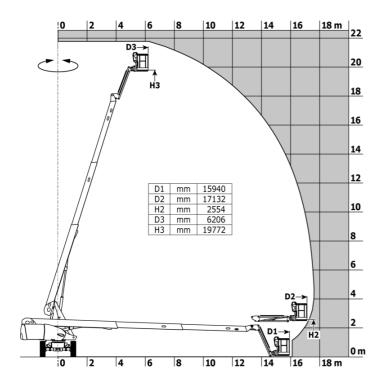


	<b>220 TJ ST5</b> Created on 28 April 2024 at 03:21	1.00 010
Capacities	Metric	
Working height	h21 21.77 m	
Floor height (access)	h20 0.39 m	
Platform height	h7 19.77 m	
Max. outreach	17.63 m	
Pendular arm rotation (top / bottom)	+69 ° / -66 °	
Platform capacity	Q 230 kg	
Turret rotation	360 °	
Platform 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	l1 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	I13 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	y 2.00 III	
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	0/2	
Engine brand / model	Yanmar - 3TNV88C	
Engine norm	Stage V	
I.C. Engine power rating / Power	37 Hp / 27.50 kW	
Miscellaneous	37 Hp / 27.30 KW	
Ground Pressure	18.20 dan/cm2	
Hydraulic Pressure	340 bar	
Hydraulic tank capacity	94 I	
Fuel tank	72	
Noise to environment (LwA)	721 < 105 dB	
Standards compliance	< 100 db	
This machine is in compliance with:	European directives: 2006/42/EC- Macl (revised EN280:2013) - 2004/108/EC (E 2006/95/EC (Low voltage)	hinery EMC) -

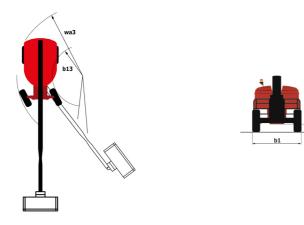
imes Varies according to options and standards of the country to which the machine is delivered

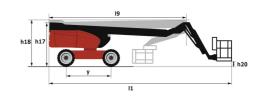
#### 220 TJ ST5 - Load chart

#### 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 - Harness + 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





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