Technical sheet:

# 220 TJ ST5



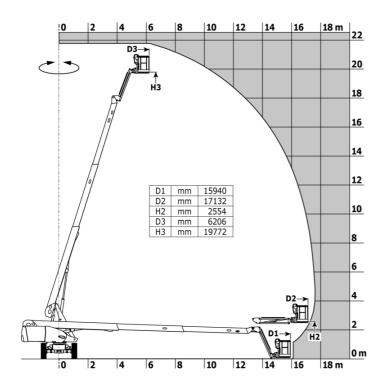


	220 TJ ST 5	Created on July 25, 2025 at 1:23 PM UT
Capacities		Metric
Working height	h21	21.77 m
Platform height	h7	19.77 m
Maximum outreach		17.63 m
Pendular arm rotation (top / bottom)		+69 ° / -66 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2 / 2
Weight and dimensions		
Platform weight*		12000 kg
Platform dimensions (length x width)	lp / ep	2.10 m x 0.76 m
Floor height (access)	h20	0.39 m
Overall length	I1	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 90Ű)	a7	1.35 m
External turning radius	Wa3	6.19 m
Ground clearance at centre of wheelbase	m2	0.44 m
Wheelbase	V	2.80 m
Performances	y	2.00 111
Drive speed - stowed		4.40 km/h
Drive speed - raised		1 km/h
Gradeability		40 %
Permissible leveling		4°
Wheels		4
Tires type		Solid Tires Cured-On
Standard tires		40 x 14 in / 1025 x 365 mm
		40 x 14 iii / 1025 x 365 iiiiii 2 / 2
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		
Braking wheels (front / rear)		0 / 2
Engine/Battery		Variation OTALVOO
Engine brand / model		Yanmar - 3TNV88C
Engine norm		Stage V
I.C. Engine power rating / Power		37 Hp / 27.50 kW
Miscellaneous		
Ground Pressure		18.20 dan/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		94
Fuel tank		76 I
Sound pressure level (platform work station) (LpA)		82 dB
Daily consumption **		5.48 I
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

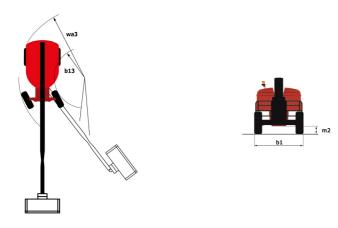
<sup>\*</sup>Varies according to options and standards of the country to which the machine is delivered

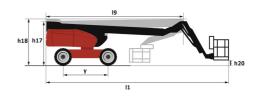
### 220 TJ ST5 - Load chart

#### Load Chart for MEWP Metric



# 220 TJ ST5 - Dimensional drawing





## **Equipment**

#### Standard

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

Dead man pedal

Differential locking on rear axle

Easy fast slinging system

Electronic platform compensation

Emergency stop button in platform and on frame

Engine compartment with key lock

Engine mounted on sliding platform

Engine with DPF (Diesel Particulate Filter)

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

LED rotating beacon

LS pump

Large color screen on turret

Leveling unlocking

Oscillating front axle

Proportional controls

Secondary Protection System (SPS)

Stop & Go system

Turret orientation information

#### Optional

110 or 230V plug with differential circuit breaker

Audio warning on all motion

Audio warning on translation

Battery blanket

Battery cut-off

Biodegradable hydraulic oil - Grade 32

Earthing and shortcircuiting pre-fitting (Bolted ball)

Easy Link - With access control keypad

Easy link with remote lock

Engine Block Heater

External pneumatic supply source

Galvanized basket with side swing gate - Width: 2100 mm (6 ft. 11 in.)

Hydraulic oil for cold temperature

Hydraulic oil heater

Key lock on fuel tank

LED amber strobe light on the basket

Non marking solid tyres

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

Packing for containerization

Personalized paintwork

Rail protection

Remote control for transport

Safety kit - Harness + helmet

Safety valve

Screen protection on the lower box control

Water predisposition

Working light





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