Technical sheet:

220 TJ ST5





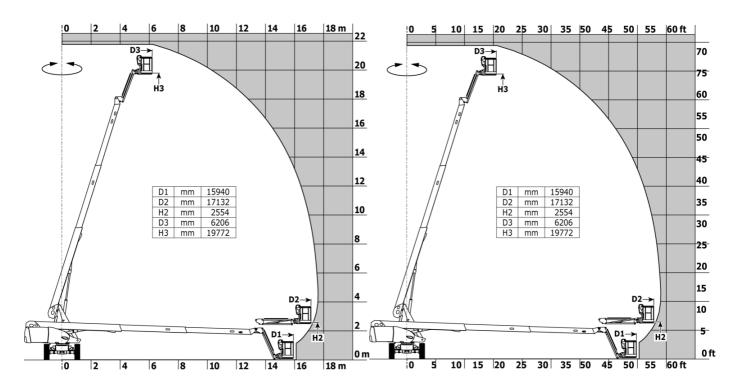
		220 13315	Created on April 25, 2024 at 1:23:57 AM UT
Capacities		Metric	Imperial
Working height	h21	21.77 m	71 ft 5 in
Floor height (access)	h20	0.39 m	1 ft 3 in
Platform height	h7	19.77 m	64 ft 10 in
Max. outreach		17.63 m	57 ft 10 in
Pendular arm rotation (top / bottom)		+69 ° / -66 °	+69 ° / -66 °
Platform capacity	Q	230 kg	507 lb
Turret rotation		360 °	360 °
Platform rotation (right / left)		90 ° / 90 °	90 ° / 90 °
Number of people (indoor / outdoor)		2/2	2/2
Weight and dimensions			
Platform weight*		11850 kg	26125 lb
Platform dimensions (length x width)	lp / ep	2.10 m x 0.76 m	6 ft 11 in x 2 ft 6 in
Overall length	l1	9.81 m	32 ft 2 in
Overall width	b1	2.48 m	8 ft 2 in
Overall height	h17	2.66 m	8 ft 9 in
Overall length (stowed)	19	7.29 m	23 ft 11 in
Overall height (stowed) **	h18	2.72 m	8 ft 11 in
Jib length	l13	2 m	6 ft 7 in
Counterweight offset (turret at 90°)	a7	1.35 m	4 ft 5 in
External turning radius	Wa3	6.19 m	20 ft 4 in
Ground clearance at centre of wheelbase	m2	0.44 m	1 ft 5 in
Wheelbase	у	2.80 m	9 ft 2 in
Performances		2.55 111	7 KZ III
Drive speed - stowed		4.40 km/h	3 mph
Drive speed - raised		1 km/h	0.62 mph
Gradeability		40 %	40 %
Permissible leveling		4 °	4 °
Wheels			
Tires type		Solid Tires Cured-On	Solid Tires Cured-On
Drive wheels (front / rear)		2/2	2/2
Steering wheels (front / rear)		2 / 0	2 / 0
Braking wheels (front / rear)		0 / 2	0 / 2
Engine/Battery		, , <u>, , </u>	
Engine brand / model		Yanmar - 3TNV88C	Yanmar - 3TNV88C
Engine norm		Stage V	Stage V
I.C. Engine power rating / Power		37 Hp / 27.50 kW	37 Hp / 27.50 kW
Miscellaneous		5	
Ground Pressure		18.20 dan/cm2	264 PSI
Hydraulic Pressure		340 bar	4931 PSI
Hydraulic tank capacity		941	25 US gal
Fuel tank		72	19 US gal
Noise to environment (LwA)		< 105 dB	< 105 dB
Standards compliance		100 db	- 100 db
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)	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

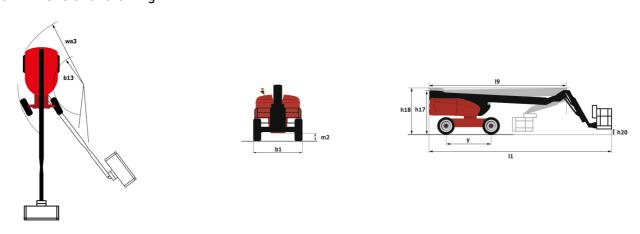
220 TJ ST5 - Load chart

Load Chart for MEWP Metric

Load Chart for MEWP (Imperial)



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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