Technical sheet:

220 TJ ST5





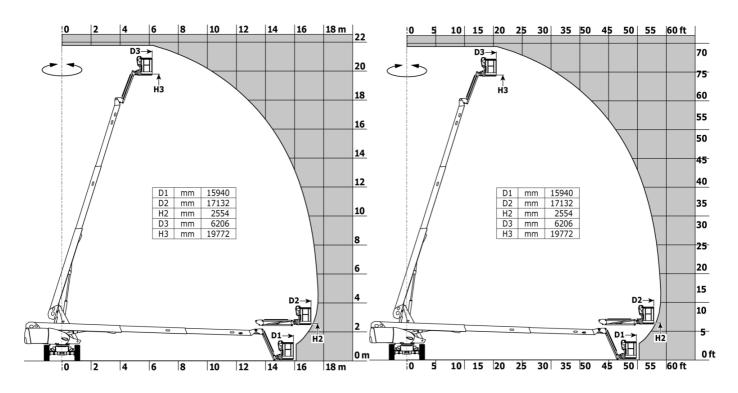
		220 13515	Created on April 25, 2024 at 2:45:37 PM UT
Capacities		Metric	Imperial
Working height	h21	21.77 m	71 ft 5 in
Floor height (access)	h20	0.39 m	1 ft 3 in
Platform height	h7	19.77 m	64 ft 10 in
Max. outreach		17.63 m	57 ft 10 in
Pendular arm rotation (top / bottom)		+69 ° / -66 °	+69 ° / -66 °
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	I1	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		2.00	
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			
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. np / 2.105 lill	5. 11p./ 2.1155 1111
Ground Pressure		18.20 dan/cm2	264 PSI
Hydraulic Pressure		340 bar	4931 PSI
Hydraulic tank capacity		94	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

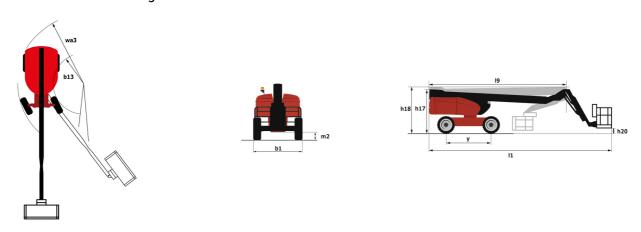
220 TJ ST5 - Load chart

Load Chart for MEWP Metric

Load Chart for MEWP (Imperial)



220 TJ ST5 - Dimensional drawing



Equipment

LED rotating beacon LS pump

Large color screen on turret Leveling unlocking Oscillating front axle Proportional controls Stop & Go system

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

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





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