

Technical sheet :

220 TJ ST5



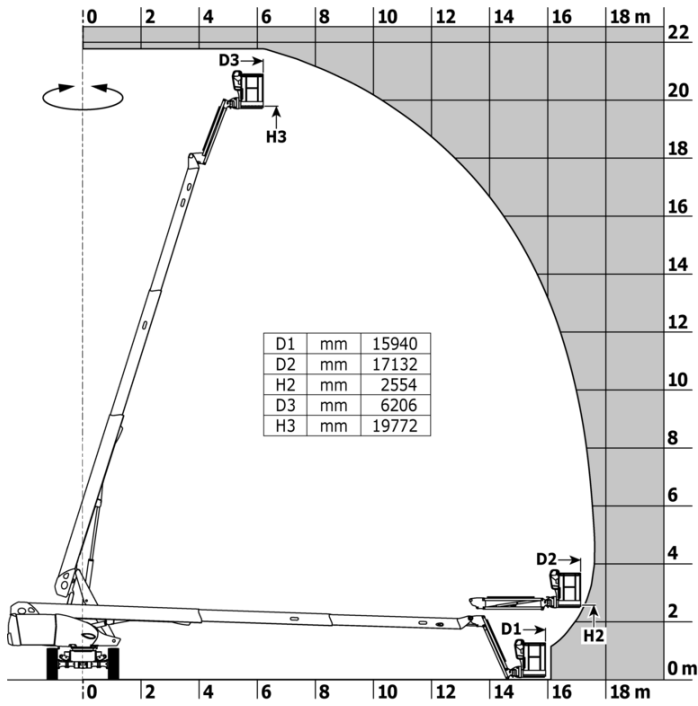
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Capacities		Metric
Working height	h21	21.77 m
Platform height	h7	19.77 m
Max. outreach		17.63 m
Pendular arm rotation (top / bottom)		+69 ° / -66 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number 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
Floor height (access)	h20	0.39 m
Overall length	l1	9.81 m
Overall width	b1	2.48 m
Overall height	h17	2.66 m
Overall length (stowed)	l9	7.29 m
Overall height (stowed)	h18 ***	2.72 m
Jib length	l13	2 m
Counterweight offset (turret at 90Å°)	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		
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		
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 l
Fuel tank		72 l
Noise to environment (LwA)		< 105 dB
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

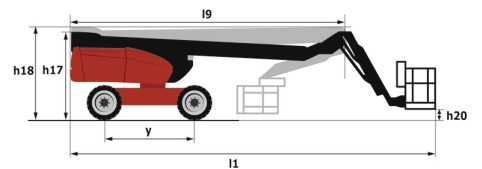
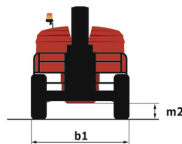
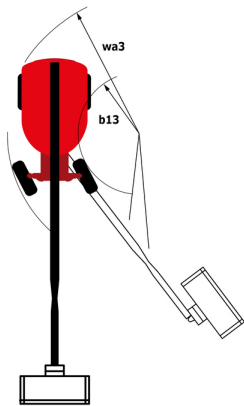
*Varies according to options and standards of the country to which the machine is delivered

220 TJ ST5 - Load chart

Load Chart for MEWP Metric



220 TJ ST5 - Dimensional drawing



Equipment

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
 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 (Diesel Particulate Filter)
 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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