

Technical sheet :

# **220 TJ ST5**

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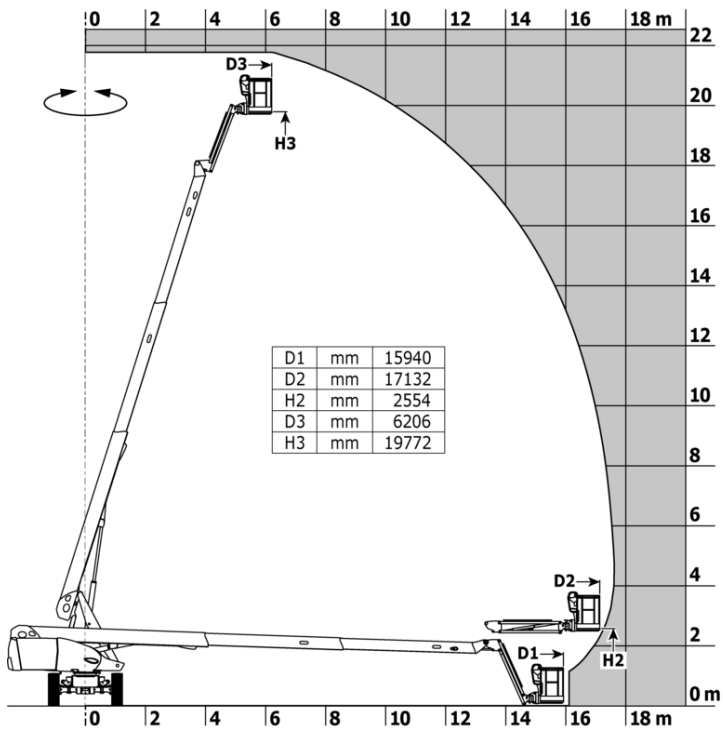


Capacities		Metric
Working height	h21	21.77 m
Platform height	h7	19.77 m
Max. outreach		17.63 m
Pendular arm rotation (top / bottom)		+69 ° / -66 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		11850 kg
Platform dimensions (length x width)	lp / ep	2.10 m x 0.80 m
Overall width	b1	2.48 m
Overall length	l1	9.80 m
Overall height	h17	2.66 m
Overall length (stowed)	l9	7.29 m
Overall height (stowed)	h18	2.72 m
Floor height (access)	h20	0.39 m
Jib length	l13	2 m
Counterweight offset (turret at 90°)	a7	1.35 m
Internal turning radius (over tyres)	b13	2.96 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		
Tyres type		Solid Tyres Cured-On
Dimensions of front wheels / rear wheels		1025 x 365 mm - 1025 x 365 mm
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
I.C. Engine power rating / Power (kW)		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)

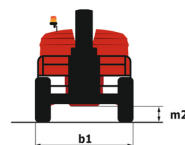
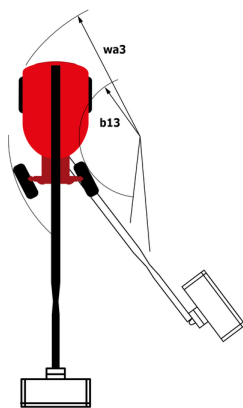
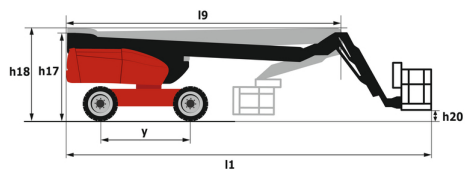
\*Varies according to options and standards of the country to which the machine is delivered

# 220 TJ ST5 - Load chart

## Load Chart for AWP 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  
 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  
 Access control keypad for easy link  
 Air predisposition  
 Battery blanket  
 Battery cut-off  
 Beep on every movement  
 Beep upon travel  
 Biodegradable hydraulic oil  
 Easy link with remote lock  
 Engine Block Heater  
 Galvanized basket 2.100 mm with lateral door  
 Hydraulic oil for cold temperature  
 Key lock on fuel tank  
 Non marking solid tyres  
 Onboard generator (3,5 or 5 kW)  
 Personalized paintwork  
 Remote control for transport  
 SPS : Secondary protection system  
 Safety kit (Harness + helmet)  
 Safety valve  
 Screen protection on the lower box control  
 Socket 230 V + differential circuit breaker  
 Solid tyres cured-on  
 Spark arrester  
 Turret cover with key lock  
 Turret orientation information  
 Water predisposition  
 Working light



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