Technical sheet :

220 TJ ST5



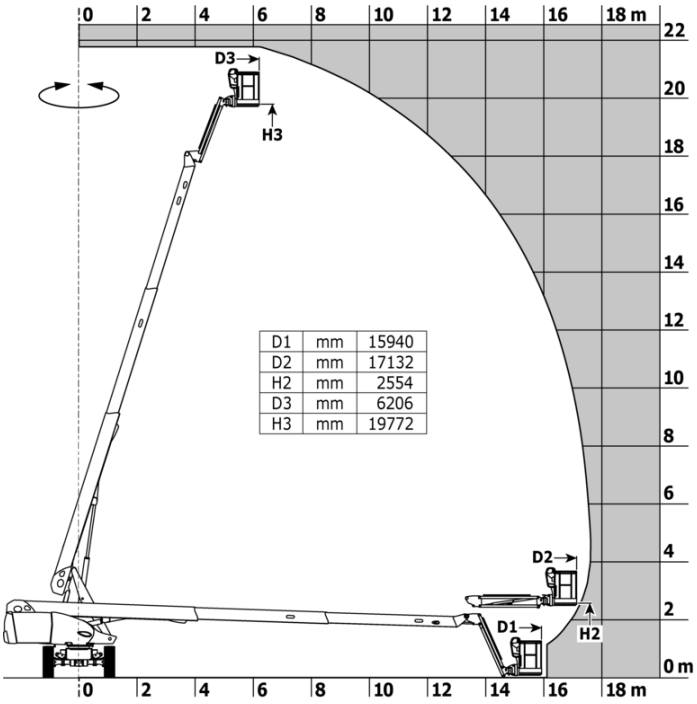
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Capacities		Metric
Working height	h21	21.77 m
Platform height	h7	19.77 m
Maximum outreach		17.63 m
Pendular arm rotation (top / bottom)		+69 ° / -66 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number 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	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 90°)	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
Standard tires		40 x 14 in / 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
Engine norm		Stage V
Engine power (Hp / kW)		37 Hp / 27.50 kW
Miscellaneous		
Ground Pressure		18.20 daN/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		94 l
Fuel		76 l
Sound pressure level (platform work station) (LpA)		82 dB
Daily consumption **		5.48 l
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

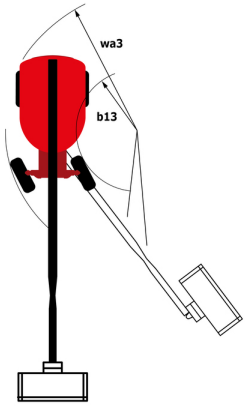
*Varies according to options and standards of the country to which the machine is delivered

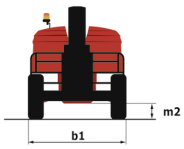
220 TJ ST5 - Load chart

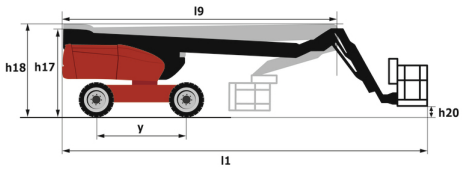
Load Chart for MEWP Metric



220 TJ ST5 - Dimensional drawing







Equipment

Standard
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
Driver presence pedal
Easy fast slinging system
Electrical pre-fitting - 230V
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 removable floor - Width: 2100 mm (6 ft. 11 in.)
Hour meter
Hydraulic oil pre-heater
Integrated diagnostic assistance
Key lock on turret cover
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 detection
Yellow and black safety stickers on moving parts

Optional
Audio warning on all motion
Audio warning on translation
Battery cut-off
Biodegradable hydraulic oil - Grade 32
Biodegradable hydraulic oil - Grade 32
Charger plug - 110V - 16A - United Kingdom (G) type
Compressed air pipe pre-fitting
Diesel tank locking cap
Earthing and short-circuiting pre-fitting (Bolted ball)
Easy Link - With access control keypad
Easy Link - With remote lock
Engine Block Heater
Galvanized basket - Width: 2100 mm (6 ft. 11 in.) + Side swing gate
Hydraulic oil pre-heater
LED amber strobe light on the basket
LED work light - On basket
LED work light - On basket
Non marking tires
On-board generator (3,5 or 5 kW)
Packing for containerisation
Personalized paintwork
Rail protection
Reflective stripes
Remote control for transport
Safety kit - Helmet and harness
Safety valve
Screen protection on the lower box control
Starter battery blanket
Starter battery charger and engine pre-heater with common outlet
Water pre-fitting

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