

Technical sheet :

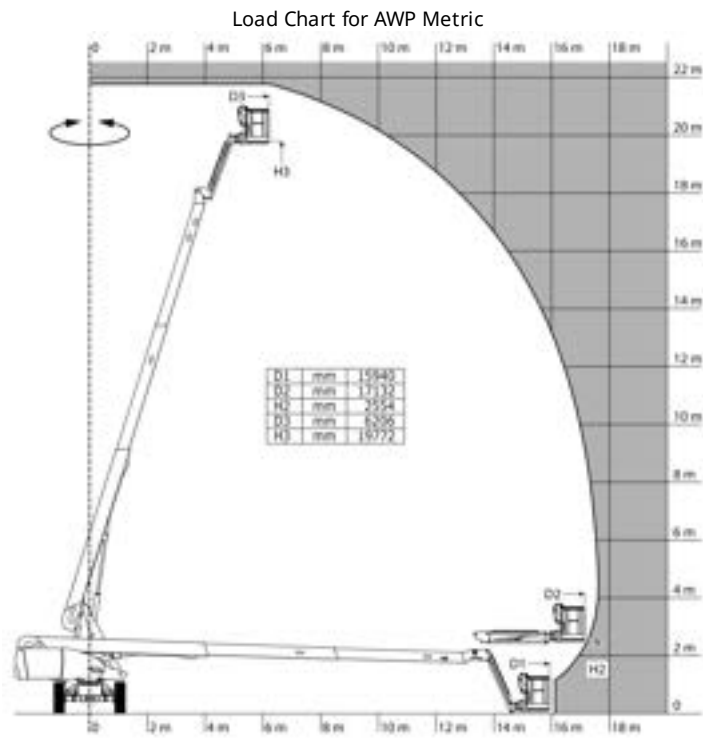
220 TJ ST5



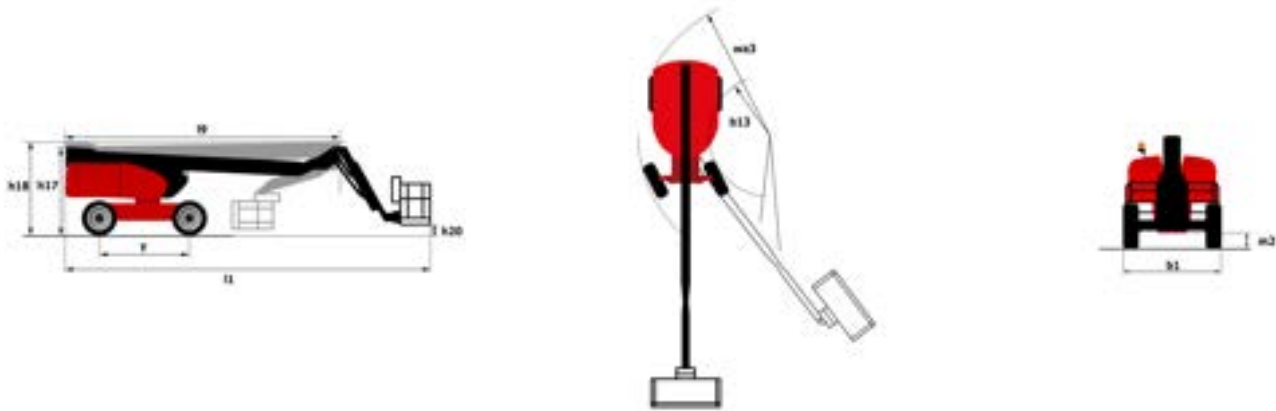
Capacities		Metric
Working height	h21	21.77 m
Platform height	h7	19.77 m
Max. outreach	r1	17.63 m
Pendular arm rotation (top / bottom)		+69 ° / -66 °
Platform capacity	Q	230 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (inside / outside)		2 / 2
Weight and dimensions		
Platform weight*		11850 kg
Platform dimensions (length x width)	lp / ep	2.1 m x 0.8 m
Overall width	b1	2.48 m
Overall length	l1	9.8 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	2.8 m
Performances		
Drive speed - stowed		4.4 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 / 27.5 kW
Miscellaneous		
Ground Pressure		18.2 daN/cm ²
Hydraulic Pressure		340 Bar
Hydraulic tank capacity		94 l
Fuel tank		72 l
Noise to environment (LwA)		105 dB(A)
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

Load chart



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

Optional

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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