

Technical sheet :

280 TJ ST5



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HANDLING YOUR WORLD

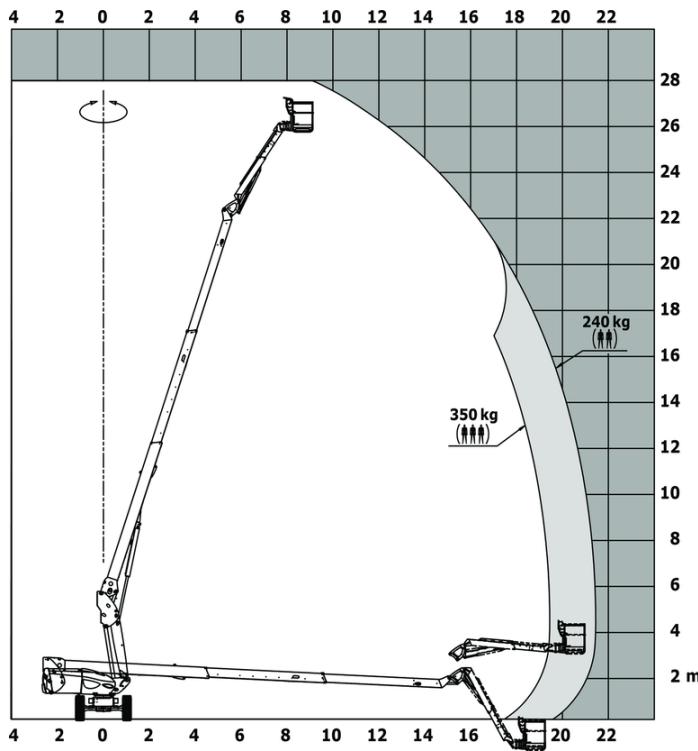
Capacities		Metric
Working height	h21	27.73 m
Platform height	h7	25.73 m
Maximum outreach		21.45 m
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 2
Weight and dimensions		
Platform weight*		16900 kg
Platform dimensions (length x width)	l p / ep	2.30 m x 0.90 m
Floor height (access)	h20	0.48 m
Overall length	l1	11.36 m
Overall width	b1	2.48 m
Overall height	h17	2.73 m
Overall length (stowed)	j9	8.09 m
Overall height (stowed)	h18 ***	2.71 m
Jib length	l13	3.80 m
Counterweight offset (turret at 90°)	a7	1.43 m
External turning radius	Wa3	4.35 m
Ground clearance at centre of wheelbase	m2	0.41 m
Wheelbase	y	2.80 m
Performances		
Drive speed - stowed		4.50 km/h
Drive speed - raised		0.80 km/h
Gradeability		35 %
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 / 2
Braking wheels (front / rear)		2 / 2
Engine/Battery		
Engine brand / model		Yanmar - 4TNV88C
Engine norm		Stage V
Engine power (Hp / kW)		46 Hp / 34.30 kW
Miscellaneous		
Ground Pressure		21.30 dan/cm²
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 l
Fuel		76 l
Sound pressure level (platform work station) (LpA)		79 dB
Vibration on hands/arms		0.50 m/s²
Daily consumption **		8 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

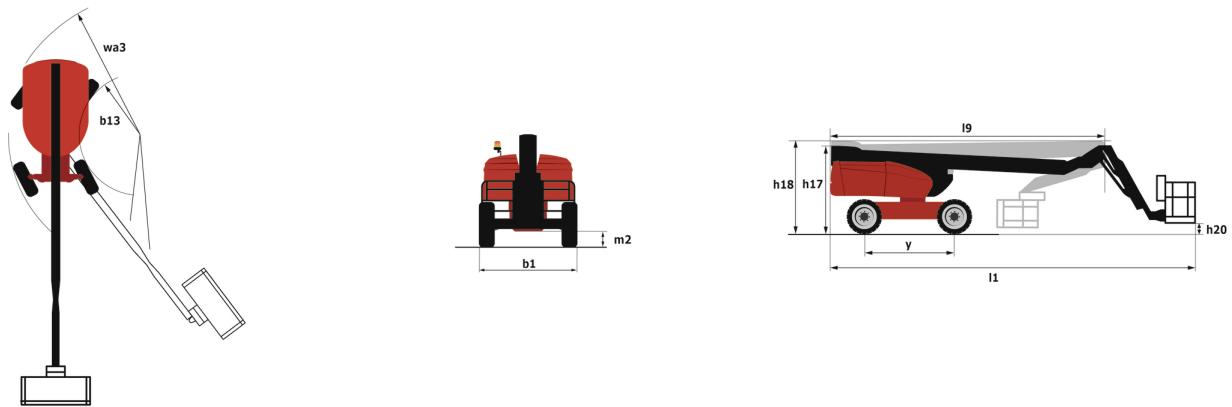
** According to "REDUCE cycle"

280 TJ ST5 - Load chart

Load Chart for MEWP Metric



280 TJ ST5 - Dimensional drawing



Equipment

Standard

- 230V Predisposition
- 4 simultaneous movements
- 4 wheel drive
- 4 wheel steer with crab mode
- Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
- Backup electrical pump
- Connected machine
- Continuous turret rotation
- Dead man pedal
- Differential locking on rear axle
- Electronic platform compensation
- Emergency stop button in platform and on frame
- Engine compartment with key lock
- Engine on swivel chair
- Engine with DPF (Diesel Particulate Filter)
- Front axle with limited slip
- Fuel gauge with low level indicator
- Heavy-duty painted basket 2.30 m
- Horn in the platform
- Hour meter
- Integrated diagnostic assistance
- LED rotating beacon
- LS pump
- Large color screen on turret
- Leveling unlocking
- Oscillating front axle
- Painted basket for heavy loads 2,300 mm (7ft 7 in.)
- Protective cover for control panel
- Remote control for transport
- Secondary Protection System (SPS)
- Stop & Go system
- Telescopic jib
- Turret orientation information
- X Y function
- Yellow and black safety stickers on moving parts

Optional

- Additional storage boxes
- Audio warning on all motion
- Audio warning on movement
- Battery blanket
- Battery charger automatic start
- Battery cut-off
- Biodegradable hydraulic oil - Grade 32
- Cold weather protection oil
- Earthing and shortcircuiting pre-fitting (Bolted ball)
- Easy Link with access control keypad
- Easy link with remote lock
- Engine Block Heater
- External pneumatic supply source
- Hydraulic oil heater
- Key lock on fuel tank
- LED amber strobe light on the basket
- Non marking tires
- On-board generator (3,5 or 5 kW)
- Packing for containerization
- Painted basket - For heavy loads - Width: 2300 mm (7 ft. 7 in.)
- Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)
- Panel cradle
- Personalized paintwork
- Pipe cradle
- Rail protection
- Reflective stripes
- Safety kit - Harness + helmet
- Socket 230 V + differential circuit breaker
- Water predisposition
- Working light


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