Technical sheet :

280 TJ



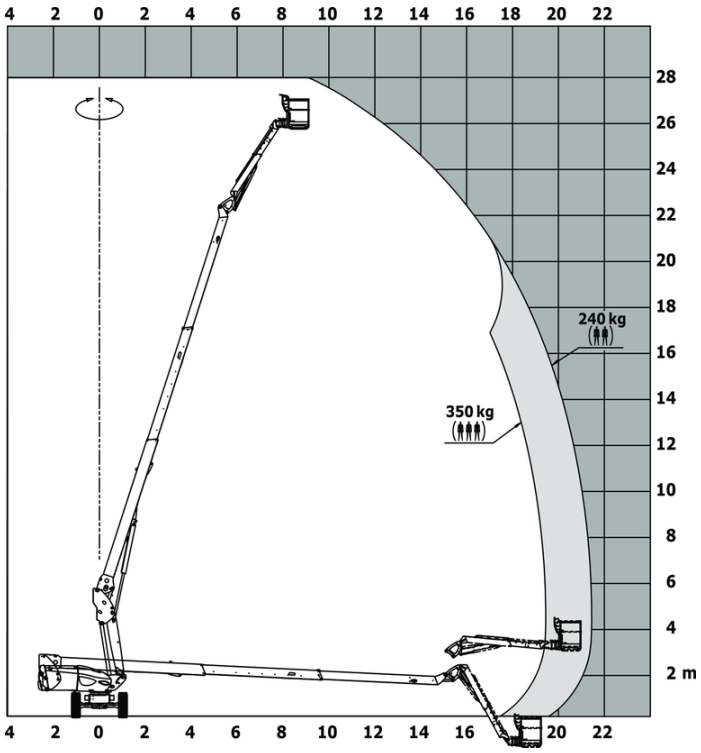
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Capacities		Metric
Working height	h21	27.73 m
Platform height	h7	25.73 m
Max. outreach		21.45 m
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 2
Weight and dimensions		
Platform weight*		16500 kg
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m
Overall length	l1	11.36 m
Overall width	b1	2.48 m
Overall height	h17	2.73 m
Overall length (stowed)	l9	8.09 m
Overall height (stowed)	h18	2.71 m
Floor height (access)	h20	0.40 m
Telescopic jib length retracted / extended		2800 mm / 4300 mm
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		40 %
Permissible leveling		4 °
Wheels		
Tyres type		Solid Tyres Cured-On
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
I.C. Engine power rating / Power (kW)		46 Hp / 34.30 kW
Miscellaneous		
Ground Pressure		21.30 dan/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 l
Fuel tank		76 l
Noise to environment (LwA)		< 102 dB
Vibration on hands/arms		< 0.50 m/s²
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)

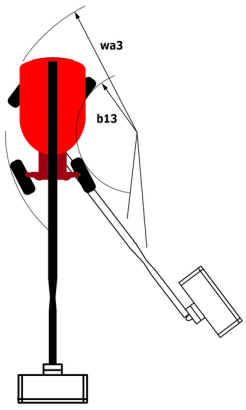
*Varies according to options and standards of the country to which the machine is delivered
** According to "REDUCE cycle"

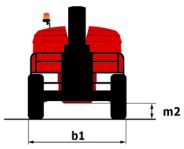
280 TJ - Load chart

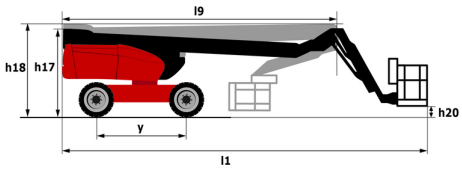
Load Chart for AWP Metric



280 TJ - 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
CAN bus technology
Connected machine
Continuous turret rotation
Dead man pedal
Differential locking on rear axle
Emergency stop button in platform and on frame
Engine on swivel chair
Engine with DPF
Front axle with limited slip
Fuel gauge with low level indicator
Horn in the platform
Hour meter
LED rotating beacon
Large basket with three entries
Oscillating front axle
Remote control for transport
Stop & Go system
Telescopic jib
Turret orientation information
X Y function

Optional
Access control keypad for easy link
Additional storage boxes
Battery blanket
Battery cut-off
Beep on every movement
Beep upon travel
Biodegradable hydraulic oil
Cold weather protection oil
Easy link with remote lock
Engine Block Heater
Highly capacity battery
Hydraulic oil heater
Large basket 2.30m with lateral door
Lockable fuel cap
Narrow basket 1.80m
Non marking solid tyres
Onboard generator (3,5 or 5 kW)
Panel cradle
Personalized paintwork
Pipe cradle
SPS : Secondary protection system
Safety kit (Harness + helmet)
Safety valve
Screen protection on the lower box control
Socket 230 V + differential circuit breaker
Spark arrester
Working light

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