Technical sheet :

280 TJ ST5

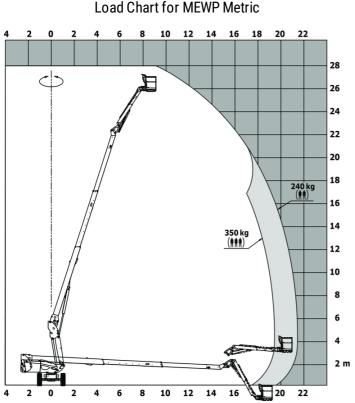




	280 TJ ST5 Created on May 17, 2024 at 7:39:45 A	M UTC
Capacities	Metric	
Working height	h21 27.73 m	
Floor height (access)	h20 0.40 m	
Platform height	h7 25.73 m	
Max. outreach	21.45 m	
Pendular arm rotation (top / bottom)	+56.80 ° / -62 °	
Platform capacity / capacity (maximum)	Q 240 kg / 350 kg	
Turret rotation	Q 240 kg / 530 kg 360 °	
Platform rotation (right / left)	90 ° / 90 °	
,		
Number of people (indoor / outdoor)	3/2	
Weight and dimensions	16500 kg	
Platform weight*		
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	
Jib length	l13 3.80 m	
Telescopic jib length retracted / extended	2800 mm / 4300 mm	
Counterweight offset (turret at 90°)	a7 1.43 m	
Counterweight Oversize / Reach	1.45 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 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	
Engine norm	Stage V	
I.C. Engine power rating / Power	46 Hp / 34.30 kW	
Miscellaneous		
Ground Pressure	21.30 dan/cm2	-
Hydraulic Pressure	400 bar	
Hydraulic oil tank capacity	941	
Fuel tank	761	
Noise to environment (LwA)	< 106 dB	
Vibration on hands/arms	< 0.50 m/s ²	
Standards compliance	< 0.30 III/S-	
This machine is in compliance with:	European directives: 2006/42/EC- Machi (revised EN280:2013) - 2004/108/EC (EM 2006/95/EC (Low voltage)	nery 1C) -

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

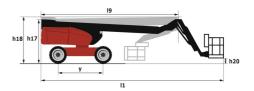
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280 TJ ST5 - Dimensional drawing







Load Chart for MEWP Metric

280 TJ ST5 - Load chart

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
Hom 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 Additional storage boxes Battery blanket Battery cut-off Biodegradable hydraulic oil - Grade 32 Cold weather protection oil 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 On-board generator (3,5 or 5 kW) Panel cradle Personalized paintwork Pipe cradle Safety valve Screen protection on the lower hox control	Additional storage boxes Battery blanket Battery cut-off Biodegradable hydraulic oil - Grade 32 Cold weather protection oil 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 On-board generator (3,5 or 5 kW)	
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Panel cradle Personalized paintwork Pipe cradle Safety kit - Hamess + helmet Safety valve	5 (, , ,	
Personalized paintwork Pipe cradle Safety kit - Hamess + helmet Safety valve	Panel cradle	
Pipe cradle Safety kit - Hamess + helmet Safety valve		
Safety kit - Hamess + helmet Safety valve	Personalized paintwork	
Safety valve	Pipe cradle	
	Safety kit - Harness + helmet	
Screen protection on the lower hox control	Safety valve	
	Screen protection on the lower box control	
Secondary Protection System (SPS)	Secondary Protection System (SPS)	
Socket 230 V + differential circuit breaker	Socket 230 V + differential circuit breaker	
Spark arrester	Spark arrester	
	Working light	



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