

Technical sheet :

# 280 TJ ST5

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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		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
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 tank capacity		94 l
Fuel tank		76 l
Noise to environment (LwA)		< 106 dB
Vibration on hands/arms		< 0.50 m/s <sup>2</sup>
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 ST5 - Load chart

Load Chart for MEWP Metric



## 280 TJ ST5 - Dimensional drawing



# Equipment

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## 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 kit - Harness + helmet  
Safety valve  
Screen protection on the lower box control  
Secondary Protection System (SPS)  
Socket 230 V + differential circuit breaker  
Spark arrester  
Working light



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