Technical sheet:

280 TJ ST5



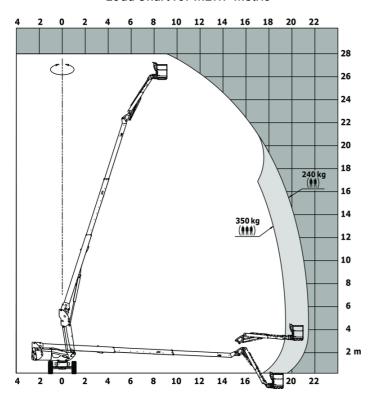


	280 TJ ST 5 (280 TJ ST5 Created on June 16, 2025 at 11:55 AM UTC	
Capacities		Metric	
Working height	h21	27.73 m	
Platform height	h7	25.73 m	
Maximum outreach		21.45 m	
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °	
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg	
Turret rotation		360 °	
Platform rotation (right / left)		90 ° / 90 °	
Number of people (indoor / outdoor)		3 / 2	
Weight and dimensions			
Platform weight*		16500 kg	
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m	
Floor height (access)	h20	0.40 m	
Overall length	11	11.36 m	
Overall width	b1	2.48 m	
Overall height	h17	2.73 m	
Overall length (stowed)	19	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 90Ű)	a7	1.43 m	
Counterweight Oversize / Reach	u,	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	y	2.00 III	
Drive speed - stowed		4.50 km/h	
Drive speed - raised		0.80 km/h	
Gradeability		35 %	
Permissible leveling		4 °	
Wheels		4	
Tires type		Solid Tires Cured-On	
Drive wheels (front / rear)		2 / 2	
Steering wheels (front / rear)		2/2	
- , ,		2/2	
Braking wheels (front / rear) Engine/Battery		2/2	
Engine brand / model		Yanmar - 4TNV88C	
Engine norm		Stage V	
-		-	
I.C. Engine power rating / Power Miscellaneous		46 Hp / 34.30 kW	
Ground Pressure		21.30 dan/cm2	
Hydraulic Pressure		400 bar 94 l	
Hydraulic tank capacity			
Fuel tank		76 I	
Noise to environment (LwA)		< 106 dB	
Vibration on hands/arms		< 0.50 m/s²	
Standards compliance		Furnamental description of COOC (10 FG At 11)	
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" $\,$

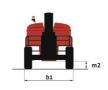
280 TJ ST5 - Load chart

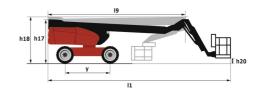
Load Chart for MEWP Metric



280 TJ ST5 - Dimensional drawing







Equipment

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 (Diesel Particulate Filter)

Front axle with limited slip

Fuel gauge with low level indicator

Heavy-duty painted basket 2.30 m

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

Easy link with remote lock

Engine Block Heater

High capacity starting battery

Hydraulic oil heater

Large basket 2.30m with lateral door

Lockable fuel cap

Non marking solid tyres

On-board generator (3,5 or 5 kW)

Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)

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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