Technical sheet:

280 TJ ST5



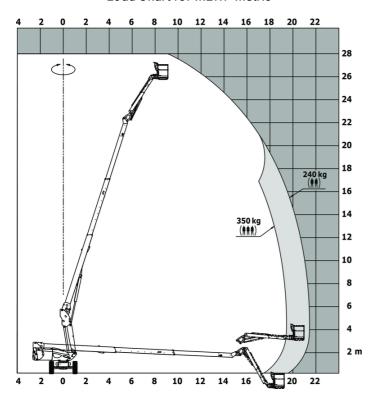


	280 TJ ST 5	Created on July 26, 2025 at 10.55 AM OTC
Capacities		Metric
Working height	h21	27.73 m
Platform height	h7	25.73 m
Maximum outreach		21.45 m
Pendular arm rotation (top / bottom)		+56.80 ° / -62 °
Platform capacity / capacity (maximum)	Q	240 kg / 350 kg
Turret rotation		360 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor)		3 / 2
Weight and dimensions		
Platform weight*		16900 kg
Platform dimensions (length x width)	lp / 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)	19	8.09 m
Overall height (stowed)	h18 ***	2.71 m
Jib length	l13	3.80 m
Counterweight offset (turret at 90Ű)	a7	1.43 m
External turning radius	Wa3	4.35 m
Ground clearance at centre of wheelbase	m2	0.41 m
Wheelbase	у	2.80 m
Performances	,	200
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
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		272
Engine brand / model		Yanmar - 4TNV88C
Engine norm		Stage V
I.C. Engine power rating / Power		46 Hp / 34.30 kW
Miscellaneous		40 Hp / 34.30 KW
Ground Pressure		21.30 dan/cm2
Hydraulic Pressure		400 bar
Hydraulic tank capacity		94 l
Fuel tank		76
Sound pressure level (platform work station) (LpA)		76 I 79 dB
Vibration on hands/arms		/9 dB < 0.50 m/s²
		< 0.50 m/s² 8 l
Daily consumption **		81
Standards compliance		European directives: 2006/49/50 Maskins
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 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" $\,$

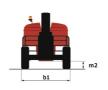
280 TJ ST5 - Load chart

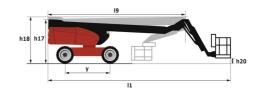
Load Chart for MEWP Metric



280 TJ ST5 - Dimensional drawing







Equipment

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

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 solid tyres

On-board generator (3.5 or 5 kW)

Packing for containerization

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

Panel cradle

Personalized paintwork

Pipe cradle

Rail protection

Safety kit - Hamess + helmet

Socket 230 V + differential circuit breaker

Water predisposition

Working light





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