

Technical sheet :

# 280 TJ-X



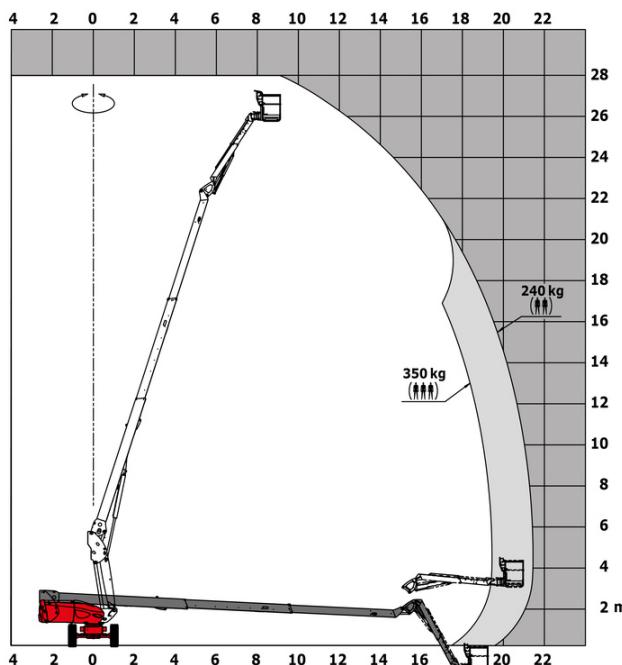
 **MANITOU**  
HANDLING YOUR WORLD

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)		2 / 3	
Weight and dimensions		Metric	
Platform weight*		16650 kg	
Platform dimensions (length x width)	l <sub>p</sub> / 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)	l9	8.09 m	
Overall height (stowed)	h18 ***	2.71 m	
Overall length with platform extension	l15	11.35 m	
Counterweight Oversize / Reach		1.45 m	
Ground clearance at centre of wheelbase	m2	0.41 m	
Wheelbase	y	2.80 m	
Performances		Metric	
Drive speed - stowed		4.50 km/h	
Drive speed - raised		0.80 km/h	
Gradeability		34 %	
Permissible leveling		4 °	
Wheels		Metric	
Drive wheels (front / rear)		2 / 2	
Braking wheels (front / rear)		2 / 2	
Engine/Battery		Metric	
Engine brand / model		Kubota - V2403-M	
Engine norm		Tier 4	
Engine power (Hp / kW)		46 Hp / 34.10 kW	
Miscellaneous		Metric	
Ground Pressure		22.25 dan/cm <sup>2</sup>	
Hydraulic Pressure		250 bar	
Fuel		72 l	
Vibration on hands/arms		0.50 m/s <sup>2</sup>	
Daily consumption **		10.81 l	
Standards compliance		Metric	
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC)	

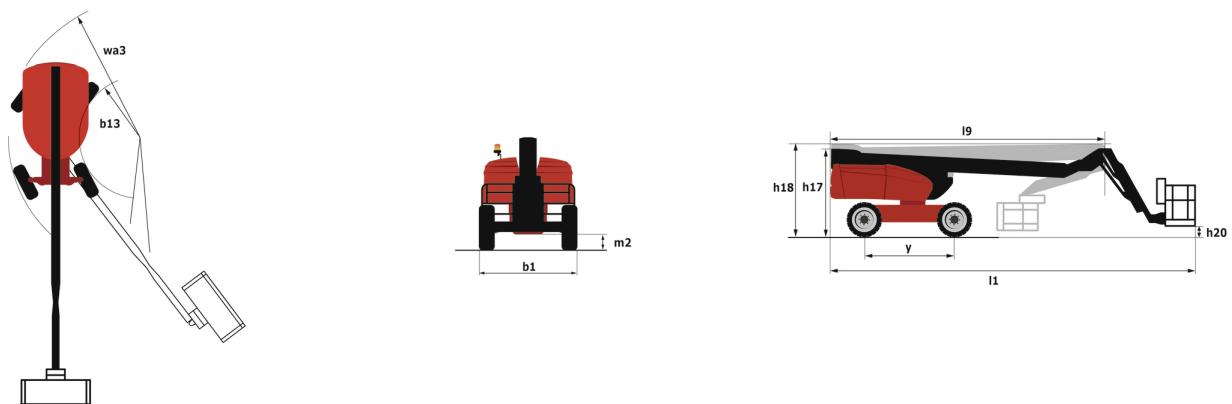
\*Varies according to options and standards of the country to which the machine is delivered  
 \*\* According to "REDUCE cycle"

## 280 TJ-X - Load chart

Load Chart for MEWP Metric



## 280 TJ-X - Dimensional drawing



## Equipment

### Standard

- 20" tyres
- 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
- Continuous turret rotation
- Dead man pedal
- Differential locking on rear axle
- Electronic platform compensation
- Emergency stop button in platform and on frame
- Engine on swivel chair
- Front axle with limited slip
- Fuel gauge with low level indicator
- Horn in the platform
- Integrated diagnostic assistance
- Oscillating front axle
- Painted basket for heavy loads 2,300 mm (7ft 7 in.)

### Optional

- 110 or 230V plug with differential circuit breaker
- Additional storage boxes
- Basket 1,800 mm
- Biodegradable oil
- Catalytic cleaner
- Coded anti-start
- Cold weather protection oil
- Engine compartment with key lock
- High capacity starting battery
- Lockable fuel cap
- Non-marking tires
- On-board generator (3,5 or 5 kW)
- Refinery kit
- SMS : Safe Man System
- Safety harness
- Screen protection on the lower box control
- Water predisposition



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