

Technical sheet :

# 160 ATJ+ E

OXYGEN



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Capacities		Metric
Working height	h21	16.22 m
Platform height	h7	14.26 m
Maximum outreach		8.34 m
Overhang		7.44 m
Pendular arm rotation (left / right)		90 ° / 90 °
Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °
Platform capacity	Q	408 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		3 / 3
Weight and dimensions		
Platform weight*		7790 kg
Platform dimensions (length x width)	lp / ep	2.30 m x 0.90 m
Floor height (access)	h20	0.42 m
Overall length	l1	6.88 m
Overall width	b1	2.38 m
Overall height	h17	2.48 m
Overall length (stowed)	l9	4.70 m
Overall height (stowed)	h18 ***	2.94 m
Counterweight offset (turret at 90°)	a7	0.37 m
Counterweight Oversize / Reach		0.37 m
External turning radius	Wa3	3.78 m
Ground clearance at centre of wheelbase	m2	0.39 m
Wheelbase	y	2.30 m
Performances		
Drive speed - stowed		5.30 km/h
Drive speed - raised		0.70 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tires type		Foam Filled Non Marking
Standard tires		914 x 381 mm / 36X15D610
Drive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2 / 2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Battery voltage		48 V
Battery nominal voltage / capacity		48 V / 480 Ah
Battery energy		23 kWh
On-board charger (V / A)		48 V / 60 A
Miscellaneous		
Number of cycles with STD Battery (HIRD)		50
Hydraulic Pressure		250 bar
Hydraulic tank capacity		24 l
Noise to environment (LwA)		70 dB
Vibration on hands/arms		2.50 m/s <sup>2</sup>
Standards compliance		
This machine is in compliance with:		European directives: 2006/42/EC- Machinery (revised EN280-1:2022) - 2004/108/EC (EMC) - EMC according to EN 12895 / 2015 +A1 / 2019

\*Varies according to options and standards of the country to which the machine is delivered

\*\* According to "REDUCE cycle"

# 160 ATJ+ e - Load chart

Load Chart for MEWP Metric



# 160 ATJ+ e - Dimensional drawing



# Equipment

## Standard

220V predisposition in the platform  
 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  
 Dead man pedal  
 Differential locking on rear axle  
 Easy Link with 2 year Service  
 Emergency stop button in platform and on frame  
 Front axle with limited slip  
 Horn in the platform  
 Hour meter  
 Integrated diagnostic assistance  
 LED rotating beacon  
 Large color screen on turret  
 Lead acid batteries  
 Load sensing pump  
 Oscillating front axle  
 Painted basket - For heavy loads - Width: 2300 mm (7 ft. 7 in.)  
 Reserve mode  
 Screen information in the basket  
 Secondary Protection System (SPS)  
 Simplified lifting system without spreader bar  
 Slinging and securing rings  
 Steer and rotate  
 Tool box in platform  
 Turret orientation information

## Optional

110 or 230V plug with differential circuit breaker  
 Additional tool boxes (X2)  
 Audio warning on all motion  
 Audio warning on all motion - White noise  
 Audio warning on translation  
 Audio warning on translation - White noise  
 Biodegradable hydraulic oil - Grade 32  
 Digicode anti-theft device  
 Earthing and shortcircuiting pre-fitting (Bolted ball)  
 Easy Link - With access control keypad  
 Easy link with remote lock  
 Electric centralized filling  
 External pneumatic supply source  
 Hydraulic oil heater  
 Iron wheel package  
 Key lock on turret covers  
 LED amber strobe light on the basket  
 LED work light - On basket  
 Lighting pack  
 Locking the telescope by parameter setting  
 OSS - Obstacle Detection  
 OSS - Operation Safety System  
 Painted basket 2.30 m / 7ft 7In for heavy load with lateral door  
 Painted basket for heavy loads 2,300 mm (7ft 7 in.)  
 Painted narrow basket for heavy loads 1800mm (5 ft 11 in.)  
 Panel support kit  
 Personalized paintwork  
 Safety kit - Harness + helmet  
 Tube support kit  
 Water predisposition



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