Technical sheet:

160 ATJ+ **E**





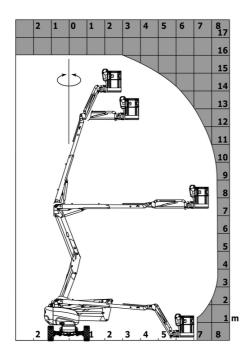


Gipcoticis Mode Washing height b7 1.6.2 m Patrom height b7 1.6.2 m Ownlang 7.4 km 1.2.4 m Pendular am roation (lef / right) 90 ° 90 ° 90 ° Pendular am roation (lef / right) 60 ° 468 kg Turner tension 90 ° 90 ° 90 ° Patrom controlled (light / left) 90 ° 90 ° 90 ° Number of perpic (intex) control) 90 ° 90 ° Platform weight 10 ° 90 ° 3.0 ° Platform weight 10 ° 90 ° 2.30 m is 5 ° 0 Platform weight (secres) 10 ° 90 ° 2.30 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.30 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.30 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.30 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.30 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.30 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.70 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.70 m is 5 ° 0 Owarall wideh 10 ° 90 ° 2.70 m is 5 ° 0			
Part of microstrophe 10	Capacities		Metric
Maximum unimenth 5.34 m Porchainam motation (left / right) 7.44 m Predictiar am motation (left / right) 6.05 / 50° Platform capacity Q 465.50° / 558.0° Flatform capacity Q 408 kg Tuest cutation 50° / 50° 3.0° Number of people (incloor) couldoor) 9 20° 20° Platform engight 0 7.770 kg Platform of people (incloor) 0 9 Platform discossions (length x width) 0 0 20° 20° mx 90° m Platform discossions (length x width) 0 0 0.28 m 0			
Ownhancy 7.44 m Pendular amm station (ber / bottom) 90 / 90 ° Pendular amm station (boy / bottom) 166.50 ° / .65.80 ° Plafform capacity 0 Plafform capacity 330 ° Plafform station (pilet / left) 330 ° Number of people (indoor / outsidor) 3 / 3 World and dimensions 10 ° Plafform weight 10 ° Dowall length 10 ° Owall length 11 ° Owall length 15 ° Devall length (stowed) 16 ° Owall length (stowed) 18 ° Owall length (stowed)	Platform height	h7	14.26 m
Produtal arm instalin (felt / right) 90 / 90 70 70 70 70 70 70 70	Maximum outreach		8.34 m
Pendular am notation (tips / bottom) Fast fast men appeal Fast fast fast fast fast fast fast fast f	Overhang		7.44 m
Flatform capacity 9 488 kg Platform rotation (right / left) 351° Number of papple (nobor / outdoor) 373 Weight and dimensions 10 Platform metablis (right / left) 2 Platform dimensions (leight x width) 10/ cg Ploor beight (access) 20 Overall keight (access) 11 Overall keight (access) 151 Overall keight (access) 161 Overall keight (access) 167 Overall keight (access) 161 Overall keight (access) 37 Overall keight (access) 37 Overall keight (access) 37 Overall keight (access) 38 Overall keight (access)	Pendular arm rotation (left / right)		90 ° / 90 °
Ture totalon 350° Namber of people (lodor f outloor) 90° 790° Weight and dimensions 7790 kg Platform wide for the people (lodor f outloor) 7790 kg Platform weight wide (long in x width) 10° cg 2.20 m x 5.90 m Flore the light (access) 10° cg 0.42 m Oweall length 11 6.88 m Oweall keight 18 4.70 m Oweall keight 20° 30° m 3.78 m Outer keight (stowed) 20° 30° m Wheelbase 20° 2.30 m 3.78 m Ories peed- riaced 20° 30° m 3.50 km/h	Pendular arm rotation (top / bottom)		+66.50 ° / -65.80 °
Platform braiston (ight / left) 3 / 3 / 3 Waight and Gimmations 1 / 7790 kg Platform weight? 1 / 9 / p 2 / 30 m x 0 90 m Platform dimensions (length x width) 1 / 9 / p 2 / 30 m x 0 90 m Floor relight (access) h20 0.22 m Overall length 1 / 1 / 6 / 6.88 m 1 / 1 / 2.28 m Overall height (chosed) 1 / 9 / 2.24 m 2 / 2.48 m Overall height (chosed) 1 / 9 / 4.70 m 2 / 2.24 m Overall height (chosed) 1 / 8 / 2 / 2.24 m 2 / 2.24 m Overall height (chosed) 1 / 8 / 2 / 2.24 m 2 / 2.24 m Overall height (chosed) 1 / 8 / 2 / 2.24 m 2 / 2.24 m Overall height (chosed) 1 / 8 / 2 / 2.24 m 2 / 2.24 m Countreveight Oriente / Reach 2 / 9 / 2.37 m 2.37 m Countreveight offset (turnet at 90A*) 2 / 2 / 2 / 2.30 m 2 / 2 / 2.30 m Countreveight offset (turnet at 90A*) 2 / 2 / 2 / 2.30 m 2 / 2 / 2.30 m External turning and turnet of referebase y 2 2.30 m 2 / 2 / 2.30 m Four septed - timed of wheelbase y 2	Platform capacity	Q	408 kg
Number of people (indoor / cuptooloo) Patient mediumentaions Patient members Patient Pat	Turret rotation		350 °
Weight and dimensions Image: Control of the section of t	Platform rotation (right / left)		90 ° / 90 °
Patform wischit* Ip / ep	Number of people (indoor / outdoor)		3 / 3
Patform wischit* Ip / ep	Weight and dimensions		
Patform dimensions (length x width) Ip / ep 2.30 m x 0.90 m	-		7790 kg
Floor helght (access)	•	lp / ep	•
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Braking wheels (front / rear) 0 / 2 Engine/Battery 48 V Battery voltage 48 V / 480 Ah Battery nominal voltage / capacity 48 V / 480 Ah Battery energy 23 kW/h On-board charger (V / A) 48 V / 60 A Miscellaneous	Drive wheels (front / rear)		
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Battery energy On-board charger (V / A) Miscellaneous Number of cycles with STD Battery (HIRD) Ground Pressure Hydraulic Pressure Hydraulic tank capacity Sound pressure level (platform work station) (LpA) Vibration on hands/arms This machine is in compliance with: 23 kW/h 48 V / 60 A 8	Battery voltage		48 V
On-board charger (V / A) Miscellaneous Number of cycles with STD Battery (HIRD) Ground Pressure Hydraulic Pressure Hydraulic tank capacity Sound pressure level (platform work station) (LpA) Vibration on hands/arms This machine is in compliance with: A 8 V / 60 A 48 V / 60 A 10.60 dan/cm2 10.60 dan/cm2 250 bar 42 1 24 1 70 dB <2.50 m/s² European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) -	Battery nominal voltage / capacity		48 V / 480 Ah
Miscellaneous Incomplete of cycles with STD Battery (HIRD) 50 Ground Pressure 10.60 dan/cm2 Hydraulic Pressure 250 bar Hydraulic tank capacity 24 l Sound pressure level (platform work station) (LpA) 70 dB Vibration on hands/arms < 2.50 m/s²	Battery energy		23 kW/h
Number of cycles with STD Battery (HIRD) Ground Pressure Hydraulic Pressure Hydraulic tank capacity Sound pressure level (platform work station) (LpA) Vibration on hands/arms Standards compliance This machine is in compliance with: 50 50 50 50 50 60 60 60 60 60	On-board charger (V / A)		48 V / 60 A
Ground Pressure Hydraulic Pressure Hydraulic Pressure Hydraulic tank capacity Sound pressure level (platform work station) (LpA) Vibration on hands/arms Standards compliance This machine is in compliance with: 10.60 dan/cm2 124 l 24 l 70 dB **C 2.50 m/s²* **European directives: 2006/42/EC- Machinery (revised ENZ80:2013) - 2004/108/EC (EMC) -	Miscellaneous		
Hydraulic Pressure Hydraulic Pressure Hydraulic tank capacity Sound pressure level (platform work station) (LpA) Vibration on hands/arms Standards compliance This machine is in compliance with: 24 1 70 dB 70 dB < 2.50 m/s² European directives: 2006/42/EC- Machinery (revised ENZ80:2013) - 2004/108/EC (EMC) -	Number of cycles with STD Battery (HIRD)		50
Hydraulic tank capacity Sound pressure level (platform work station) (LpA) Vibration on hands/arms Standards compliance This machine is in compliance with: 24 1 70 dB < 2.50 m/s² European directives: 2006/42/EC- Machinery (revised ENZ80:2013) - 2004/108/EC (EMC) -	Ground Pressure		10.60 dan/cm2
Hydraulic tank capacity Sound pressure level (platform work station) (LpA) Vibration on hands/arms Standards compliance This machine is in compliance with: 24 1 70 dB < 2.50 m/s² European directives: 2006/42/EC- Machinery (revised ENZ80:2013) - 2004/108/EC (EMC) -	Hydraulic Pressure		250 bar
Sound pressure level (platform work station) (LpA) Vibration on hands/arms Standards compliance This machine is in compliance with:	·		24
Vibration on hands/arms Standards compliance European directives: 2006/42/EC- Machinery (revised ENZ80:2013) - 2004/108/EC (EMC) -			70 dB
Standards compliance European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) -	, , , ,		
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			(revised EN280:2013) - 2004/108/EC (EMC) -

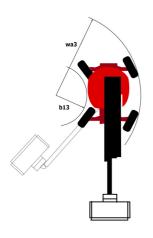
^{*}Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

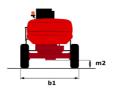
160 ATJ+ e - Load chart

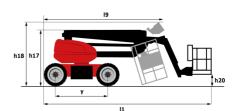
Load Chart for MEWP Metric



160 ATJ+ e - Dimensional drawing







Equipment

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

Basket 1,800 mm

CAN bus technology

Dead man pedal

Differential locking on rear axle

Easy Link with 2 year Service

Easy Manager

Emergency stop button in platform and on frame

Front axle with limited slip

Fully galvanized basket with removable floor - Width: 2100 mm (6 ft. 11 in.)

Horn in the platform

Hour meter

LED rotating beacon

Leveling unlocking

Load sensing pump

Oscillating front axle

Reserve mode

Screen information in the basket

Simplified lifting system without spreader bar

Slinging and securing rings

Steer and rotate

Turret orientation information

Optional

Audio warning on all motion - White noise

Biodegradable hydraulic oil - Grade 32

Biodegradable oil

Bottom screen protection

Continuous turret rotation

Digicode anti-theft device

Easy Link - With access control keypad

Easy link with remote lock

Electric centralized filling

External pneumatic supply source

Foam-filled tires 914 x 381 mm / 36X15D610

Fully galvanized basket 1800mm / 5'11" with lateral door

Galvanized basket 2,100 mm

Galvanized basket with side swing gate - Width: 2100 mm (6 ft. 11 in.)

Key lock on turret covers

Lighting pack

Locking the telescope by parameter setting

OSS - Operation Safety System

Personalized paintwork

Safety kit - Harness + helmet

Water predisposition





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MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes