Technical sheet :

160 ATJ 4WS ST5





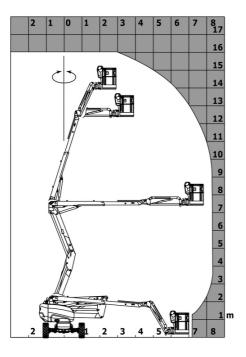
160 ATJ 4WS ST5 Created on June 2, 2025 at 11:48 PM UTC

		Mada
Capacities		Metric
Working height	h21	16.02 m
Platform height	h7	14.02 m
Maximum outreach		8.30 m
Overhang		7.40 m
Pendular arm rotation (top / bottom)		+65 ° / -59.50 °
Platform capacity	Q	230 kg
Turret rotation		350 °
Platform rotation (right / left)		90 ° / 90 °
Number of people (indoor / outdoor)		2/2
Weight and dimensions		
Platform weight*		6160 kg
Platform dimensions (length x width)	lp / ep	1.80 m x 0.80 m
Floor height (access)	h20	0.45 m
Overall length	1	6.68 m
Overall width	b1	2.32 m
Overall height	h17	2.37 m
Overall length (stowed)	19	4.44 m
Overall height (stowed)	h18 ***	2.63 m
External turning radius	Wa3	3.63 m
Ground clearance at centre of wheelbase	m2	0.36 m
Wheelbase	у	2.20 m
Performances		
Drive speed - stowed		5 km/h
Drive speed - raised		1 km/h
Gradeability		45 %
Permissible leveling		5 °
Wheels		
Tires type		Foam-filled
Standard tires		834 x 298 mm
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2/2
Braking wheels (front / rear)		0 / 2
Engine/Battery		
Engine brand / model		Kubota - D1105-E4B
Engine norm		Interim Tier 4, Stage IIIA, Stage V
I.C. Engine power rating / Power		24.50 Hp / 18.50 kW
Miscellaneous		
Ground Pressure		11.60 dan/cm2
Hydraulic Pressure		340 bar
Hydraulic tank capacity		54 I
Fuel tank		52 I
Noise to environment (LwA)		< 105 dB
Daily consumption **		4.08 l
Standards compliance		
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)

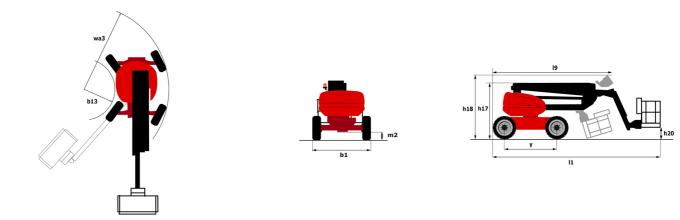
*Varies according to options and standards of the country to which the machine is delivered ** According to "REDUCE cycle" $\,$

160 ATJ 4WS ST5 - Load chart

Load Chart for MEWP Metric



160 ATJ 4WS ST5 - Dimensional drawing



Equipment

2	20V predisposition in the platform
4	simultaneous movements
4	wheel drive
4	wheel steer with crab mode
A	udible alarm and illuminated indicator lamp (leveling, overload, lowering)
В	ackup electrical pump
B	asket 1,800 mm
С	AN bus technology
D	ead man pedal
D	ifferential locking on rear axle
E	asy Link with 2 year Service
E	mergency stop button in platform and on frame
E	ngine compartment with key lock
F	ront axle with limited slip
F	uel gauge with low level indicator
F	ully galvanized basket with demountable floor
Н	om in the platform
Н	our meter
In	tegrated diagnostic assistance
L	eveling unlocking
L	oad sensing pump
0	scillating front axle
S	econdary Protection System (SPS)
S	teer and rotate
S	top & Go system

	al

Battery charger Battery cut-off Biodegradable hydraulic oil - Grade 32 Coded anti-start Cold weather protection oil Fully galvanized basket 1800mm / 5'11" with lateral door Galvanized basket 2,100 mm Galvanized basket 2,100 mm / 6'11" with lateral door High capacity starting battery Lockable fuel cap Non-marking tyres On-board generator (3,5 or 5 kW) Personalized paintwork Safety kit - Hamess + helmet Socket 230 V + differential circuit breaker Spark arresting muffer Tires - 910x370 mm (36x15 in.) - D610 - Foam filled Water heater	
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Galvanized basket 2,100 mm Galvanized basket 2,100 mm / 6'11" with lateral door High capacity starting battery Lockable fuel cap Non-marking tyres On-board generator (3,5 or 5 kW) Personalized paintwork Safety kit - Hamess + helmet Socket 230 V + differential circuit breaker Spark arresting muffer Tires - 910x370 mm (36x15 in.) - D610 - Foam filled Water heater	Cold weather protection oil
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Non-marking tyres On-board generator (3,5 or 5 kW) Personalized paintwork Safety kit - Hamess + helmet Socket 230 V + differential circuit breaker Spark arresting muffer Tires - 910x370 mm (36x15 in.) - D610 - Foam filled Water heater	High capacity starting battery
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Safety kit - Hamess + helmet Socket 230 V + differential circuit breaker Spark arresting muffer Tires - 910x370 mm (36x15 in.) - D610 - Foam filled Water heater	On-board generator (3,5 or 5 kW)
Socket 230 V + differential circuit breaker Spark arresting muffer Tires - 910x370 mm (36x15 in.) - D610 - Foam filled Water heater	Personalized paintwork
Spark arresting muffer Tires - 910x370 mm (36x15 in.) - D610 - Foam filled Water heater	Safety kit - Harness + helmet
Tires - 910x370 mm (36x15 in.) - D610 - Foam filled Water heater	Socket 230 V + differential circuit breaker
Water heater	Spark arresting muffer
	Tires - 910x370 mm (36x15 in.) - D610 - Foam filled
Water predisposition	Water heater
	Water predisposition



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