

Technical sheet :

# 160 ATJ+



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| Capacities                              |         | Metric   |
|---|---------|--|
| Working height                          | h21     | 16.21 m  |
| Platform height                         | h7      | 14.21 m  |
| Maximum outreach                        |         | 8.52 m   |
| Overhang                                |         | 7.59 m   |
| 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*                        |         | 7500 kg  |
| Platform dimensions (length x width)    | lp / ep | 2.30 m x 0.90 m  |
| Floor height (access)                   | h20     | 0.38 m   |
| Overall length                          | l1      | 7.09 m   |
| Overall width                           | b1      | 2.45 m   |
| Overall height                          | h17     | 2.47 m   |
| Overall length (stowed)                 | l9      | 4.89 m   |
| Overall height (stowed)                 | h18 *** | 2.94 m   |
| Counterweight offset (turret at 90°)    | a7      | 0.15 m   |
| External turning radius                 | Wa3     | 4.09 m   |
| Ground clearance at centre of wheelbase | m2      | 0.40 m   |
| Wheelbase                               | y       | 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                          |         | 914 x 370 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                             |         | Stage V  |
| I.C. Engine power rating / Power        |         | 24.80 Hp / 18.50 kW  |
| Miscellaneous                           |         |  |
| Ground Pressure                         |         | 11.50 dan/cm2  |
| Hydraulic Pressure                      |         | 340 bar  |
| Hydraulic tank capacity                 |         | 53 l   |
| Fuel tank                               |         | 51 l   |
| Noise to environment (LWA)              |         | < 105 dB   |
| Vibration on hands/arms                 |         | < 0.50 m/s²  |
| Daily consumption **                    |         | 7 l  |
| Standards compliance                    |         |  |
| This machine is in compliance with:     |         | European directives: 2006/42/EC- Machinery (revised EN280:2013) - 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+ - Load chart

Load Chart for MEWP Metric



160 ATJ+ - Dimensional drawing



# Equipment

| Standard  |
|---|
| 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  |
| Connected machine   |
| Dead man pedal  |
| Differential locking on rear axle   |
| Easy fast slinging system   |
| Front axle with limited slip  |
| Fuel gauge with low level indicator   |
| Hom in the platform   |
| Hour meter  |
| Integrated diagnostic assistance  |
| LED rotating beacon   |
| Large basket with three entries   |
| Large color screen on turret  |
| Leveling unlocking  |
| Management via engine speed bearing   |
| Oscillating front axle  |
| Stop & Go system  |

| Optional   |
|--|
| 230V socket with circuit-breaker on boom head              |
| Additional storage boxes                                   |
| Battery blanket  |
| Battery charger automatic start                            |
| Biodegradable hydraulic oil - Grade 32                     |
| Coded anti-start   |
| Continuous turret rotation                                 |
| Engine compartment with key lock                           |
| Fuel tank locking cap                                      |
| High capacity starting battery                             |
| Hydraulic oil heater                                       |
| Large basket 2.30m with lateral door                       |
| Lockable fuel cap  |
| Non-marking tyres  |
| On-board generator (3,5 or 5 kW)                           |
| Painted narrow basket for heavy loads 1800mm (5 ft 11 in.) |
| Panel cradle   |
| Personalized paintwork                                     |
| Pipe cradle  |
| Protection screen and key lock turret                      |
| Safety kit - Harness + helmet                              |
| Safety valve   |
| Secondary Protection System (SPS)                          |
| Socket 230 V + differential circuit breaker                |
| Spark arresting muffler                                    |
| Water heater   |
| Water predisposition                                       |
| Working light  |



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