




ATLAS

Wheel Excavator 160Wsr

STABLE. STRONG. STEADY.

160WSR



-  **15.0 - 16.5 tons**
-  **95 kW (130 hp)**
-  **0.67 - 1.12 m³**



Technical data

ENGINE

| | | |
|--|--|-------------------------------|
| Power rating acc. to ISO 9249... 95kW (130 HP) | Number of cylinders 4 | Generator 24 V / 100 Ah |
| RPM 1800/min | Bore / cylinder stroke 101 / 126 | Starter 24 V / 4 kW |
| Make / model Deutz TCD 4.1 (Stage 3B) | Cooling system Water-cooled | |
| Design Turbocharger | Air filter Dry air filter | |
| Displacement 4,040 cm ³ | Battery 2 x 12 V / 100 Ah | |

HYDRAULIC SYSTEM

| | | |
|--|--|--|
| • AWE 4 System | • Suction valves for all work functions | • Hydraulic system 1 x Axial piston pump |
| • Load limit controlled high-performance pump | • Load-retaining and fine lowering valves in lifting circuit | • Main pump HPR 135 |
| • Fuel-efficient flow-on-demand control | • Restrictors in the lift and articulating circuits | • Max. oil flow 245 l/min |
| • Sensitive, proportional, independent control | • Primary and secondary overload protection | • Max. operating pressure 340 bar |

SWING ASSEMBLY

| | | |
|----------------|---|--------------------------------|
| • Swing motor: | Axial piston motor with priority valve | • Max. swing speed 9/min |
| • Swing gear: | Planetary transmission | • Swing torque 37.5 kNm |
| • Swing brake: | Pedal-operated multi disk parking brake | |

* working on a slope the superstructure can easily be swung upwards, with lockable foot pedal, when exceeding the hydraulic pressure of 120 bar

TRACTION DRIVE AND BRAKES

| | | |
|--|---|--|
| • Variable displacement motor | • Travel controls via foot pedal valve: | • All-wheel drive |
| • Planetary drives in all four wheel hubs | • Max. speed 20 km/h | • Option: high speed engine 36 km/h |
| • Double-acting brake valve | • Off-road speed 5 km/h | • Dual-circuit brake system Multi-disc |
| • Travel direction pre-selection via steering column mounted lever | • Crawling speed 3 km/h | • Parking brake Spring-loaded brake |

UNDERCARRIAGE

| | | |
|---|--|------------------------------|
| • Steering axle with automatic oscillating axle locking | • 8 tires (twins) 10.00 - 20 | • Turning radius 6,8 m |
| | • 4 tires (optional) 600 / 40-22.5 | |

FILL CAPACITIES

| | | |
|------------------------------|------------------------------|-----------------------------------|
| • Fuel tank 190 litres | • Engine oil 13 litres | • Hydraulic tank 200 litres |
|------------------------------|------------------------------|-----------------------------------|

DRIVER'S CAB

| | | |
|--|--|---|
| • Elastically mounted | DRIVER'S SEAT: | • Type Atlas Comfort Cab 935 |
| • Panorama glazing with heat-absorbing glass | • Air-cushioned comfort seat (optional seat heating) | • Overall length 1,760 mm |
| • The interior is glare-free | • Arm rests and lumbar support | • Width 935 mm |
| • Front window slidable under cab roof | • Seat adjustable separately from console | |
| | CONTROL: | SOUND LEVELS: |
| | • Ergonomic joysticks | • ISO 6396 (L _{pA}) in driver's cab 75 dB(A) |
| | • Slim steering column, height and tilt adjustable | • 2000/14 EG (L _{wA}) ambience level 98 dB(A) |

Working equipment

EQUIPMENT

| | | |
|--|---|---|
| BASIC UNIT ATLAS 160Wsr (can be combined) | | |
| <ul style="list-style-type: none"> Wheel Excavator 160WSR with complete mounted support plate and dozer blade, standard pivoting radius 1575 mm (4,5 t) | STANDARD EQUIPMENT: | <ul style="list-style-type: none"> Traveling per foot pedal |
| | Hydraulic system: | <ul style="list-style-type: none"> Comfort seat with arm rests and orthopedic lumbar support |
| BOOMS: | <ul style="list-style-type: none"> Grab / grab rotating function | |
| <ul style="list-style-type: none"> Base arm with 2 lifting cylinders and center-mounted articulating cylinder (C53.41) | <ul style="list-style-type: none"> Accumulator for emergency lowering of boom system | EQUIPMENT: |
| <ul style="list-style-type: none"> Intermediate boom with stick cylinder, for base arm C51.41, working length 3,095 mm (C53.46) | <ul style="list-style-type: none"> Pipe-break protection valves for articulated and lifting cylinders | <ul style="list-style-type: none"> Sealed pivot points in the case section of the boom |
| | Cab: | <ul style="list-style-type: none"> Grab storage during road travel |
| | <ul style="list-style-type: none"> Automatic air conditioning system Preparation for radio installation | <ul style="list-style-type: none"> Central lubrication |
| STICKS: | <ul style="list-style-type: none"> Slim steering column, height and tilt adjustable | UNDERCARRIAGE: |
| <ul style="list-style-type: none"> Stick, working length 2,150 mm (D53.2) | <ul style="list-style-type: none"> Fuel gauge | <ul style="list-style-type: none"> Wheels with intermediate rings |
| <ul style="list-style-type: none"> Stick, working length 2,650 mm (D53.3) | <ul style="list-style-type: none"> Battery main switch in negative lead | <ul style="list-style-type: none"> Infinitely adjustable support/dozer blade, with parallel guidance |
| | <ul style="list-style-type: none"> Windshield washer system | <ul style="list-style-type: none"> Toolbox in undercarriage (1 x) |
| BUCKET TIPPING CYLINDER: | <ul style="list-style-type: none"> Sliding window in cab door | |
| <ul style="list-style-type: none"> Bucket tipping cylinder with bucket linkage (F53.1) | <ul style="list-style-type: none"> Storage box | |

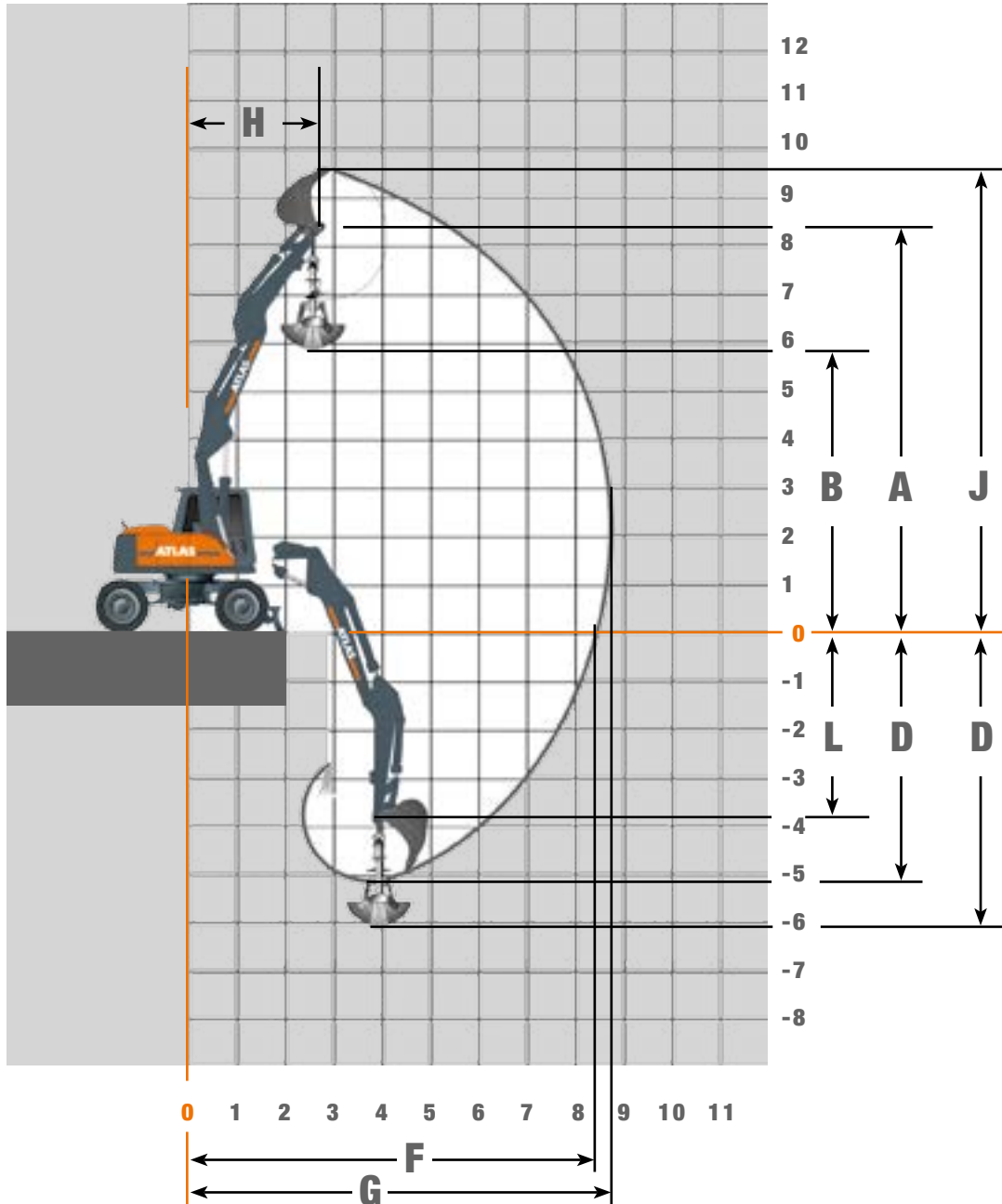
SPECIAL EQUIPMENT

| | |
|---|--|
| Booms: | Superstructure: |
| <ul style="list-style-type: none"> Additional hydraulic unit for variable boom cylinder (B41.39) | <ul style="list-style-type: none"> Heavy counterweight, tailswing 1700 mm (4,9 t) Heavy counterweight, tailswing 1700 mm (5,3 t) without TÜV |
| Cab: | Undercarriage: |
| <ul style="list-style-type: none"> Beacon light Heated driver's seat | <ul style="list-style-type: none"> Wide axles (overall width 2750 mm) Wide dozer blade (overall width 2750 mm) |
| <ul style="list-style-type: none"> Radio with USB | <ul style="list-style-type: none"> Hydraulic installation set Comfort with 10 storage places for oilflow and oilpressure |
| <ul style="list-style-type: none"> LED working lights | |

ATTACHMENTS (SELECTION)

| | Bucket F415 | Bucket F416 | Bucket F417 | Bucket F648 |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|
| Capacity SAE | 0,67 m ³ | 0,82 m ³ | 0,92 m ³ | 1,12 m ³ |
| Cutting width | 850 mm | 1000 mm | 1100 mm | 1300 mm |
| Max. reach support/dozer blade | 6,0 m | 6,5 m | 7,0 m | 5 m |















Working ranges Adjustable boom (C53.41)

















| | STICK LENGTHS | | 2,15 m (D53.2) | | 2,65 m (D53.3) | |
|---|---------------------------|--------|----------------|---------|----------------|--------|
| | Bucket | Grabs | Bucket | Grabs | Bucket | Grabs |
| A | Bucket pivot point | 8.30 m | 8.30 m | 8.70 m | 8.70 m | 8.70 m |
| B | Max. dumping height | - | 5.85 m | - | 6.20 m | 6.20 m |
| D | Max. digging depth | 5.10 m | 6.15 m | 5.60 m | 6.70 m | 6.70 m |
| F | Max. reach | 7.45 m | 7.45 m | 7.90 m | 7.90 m | 7.90 m |
| G | Max. digging reach | 8.85 m | 8.20 m | 9.30 m | 8.70 m | 8.70 m |
| H | Max. arm position | 2.65 m | 2.65 m | 2.65 m | 2.65 m | 2.65 m |
| J | Max. reach height | 9.70 m | - | 10.10 m | - | - |
| L | Lowest bucket pivot point | 3.70 m | 3.70 m | 4.20 m | 4.20 m | 4.20 m |
| | Max. bucket digging force | 130 kN | - | 130 kN | - | - |
| | Max. stick digging force | 82 kN | - | 72 kN | - | - |
| | Grab clamping force | - | 73 kN | - | 73 kN | - |
| | Operating Weight | 15.3 t | 15.5 t | 15.4 t | 15.6 t | 15.6 t |

Lifting capacities Adjustable boom (C53.41)

Lifting capacities Adjustable boom (C53.41) with stick 2.15 m (D53.2). Tailswing 1,575 mm

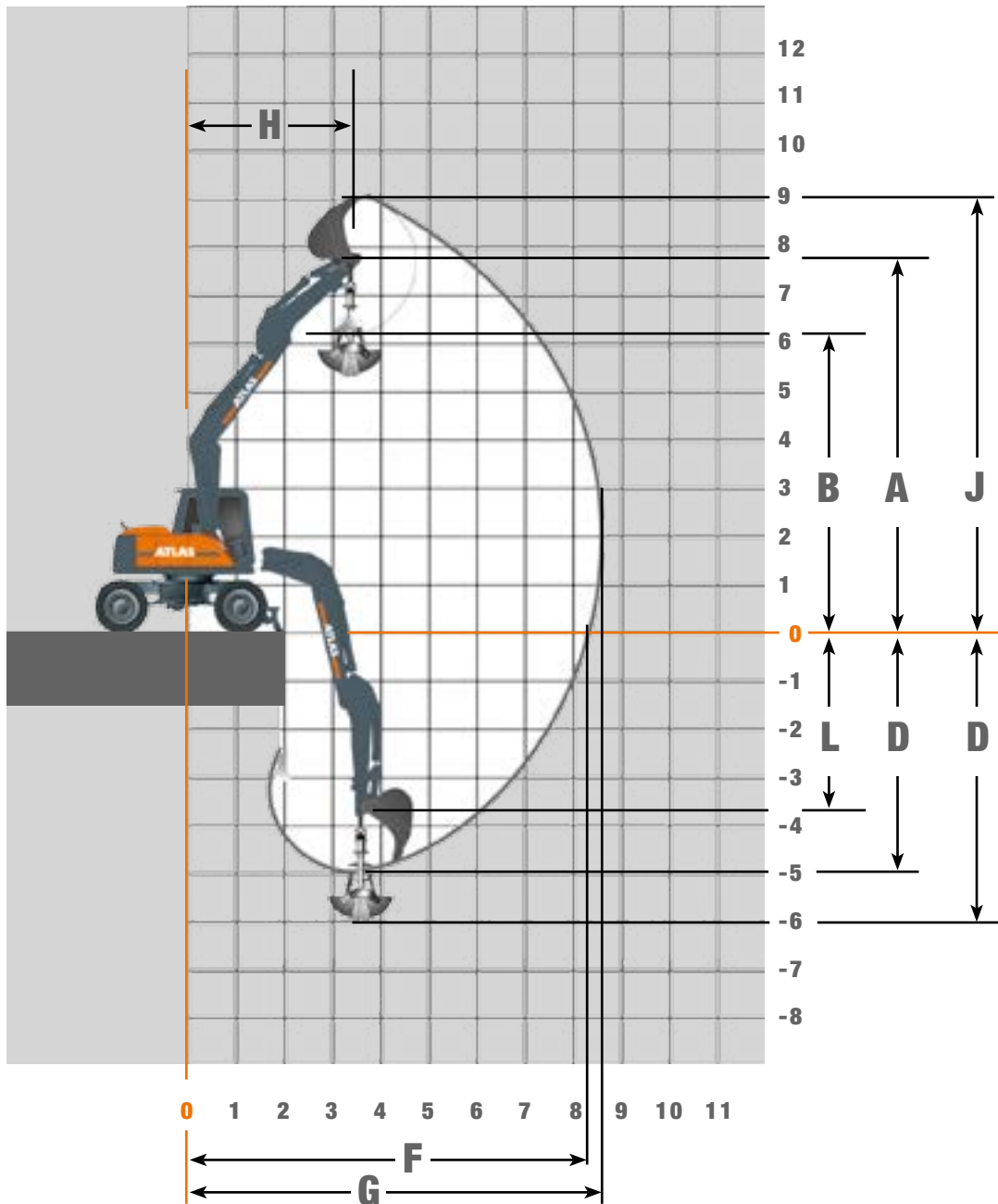
| Height | | 3,0 m | | 4,0 m | | 4,5 m | | 5,0 m | | 6,0 m | | 6,5 m | | 7,0 m | |
|---------|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |
| +6,0 m | Supported by blade | | | 4,7 | 4,5 | 4,4 | 3,8 | 4,2 | 3,2 | | | | | | |
| | Traveling | | | 4,7 | 3,9 | 4,4 | 3,3 | 4,2 | 2,8 | | | | | | |
| +4,5 m | Supported by blade | 6,4 | 6,4 | 5,3 | 4,4 | 4,8 | 3,7 | 4,5 | 3,2 | 3,4 | 2,4 | 3,7 | 2,0 | | |
| | Traveling | 6,4 | 5,8 | 5,3 | 3,8 | 4,8 | 3,2 | 4,5 | 2,8 | 3,7 | 2,0 | 3,3 | 1,7 | | |
| + 3,0 m | Supported by blade | 6,9 | 6,4 | 6,3 | 4,3 | 5,5 | 3,6 | 5,0 | 3,1 | 4,2 | 2,4 | 3,9 | 2,0 | 3,5 | 1,7 |
| | Traveling | 6,9 | 5,4 | 6,3 | 3,6 | 5,5 | 3,1 | 4,7 | 2,7 | 3,7 | 2,0 | 3,3 | 1,7 | 2,8 | 1,5 |
| + 1,5 m | Supported by blade | 8,4 | 6,3 | 7,0 | 4,2 | 6,0 | 3,6 | 5,3 | 3,1 | 4,3 | 2,3 | 3,9 | 2,0 | 3,5 | 1,7 |
| | Traveling | 8,4 | 5,3 | 6,5 | 3,6 | 5,4 | 3,1 | 4,7 | 2,6 | 2,7 | 1,9 | 3,2 | 1,6 | 2,8 | 1,4 |
| + 0 m | Supported by blade | 9,9 | 6,0 | 7,0 | 4,0 | 6,1 | 3,4 | 5,4 | 2,9 | 4,3 | 2,1 | 3,8 | 1,9 | 3,4 | 1,6 |
| | Traveling | 9,9 | 4,9 | 6,5 | 3,3 | 5,5 | 2,8 | 4,7 | 2,4 | 3,5 | 1,8 | 3,1 | 1,5 | 2,7 | 1,4 |
| - 1,5 m | Supported by blade | 10,3 | 5,8 | 7,2 | 3,8 | 6,2 | 3,2 | 5,6 | 2,7 | 4,2 | 2,0 | 3,3 | 1,8 | | |
| | Traveling | 10,3 | 4,7 | 6,6 | 3,1 | 5,5 | 2,7 | 4,6 | 2,3 | 3,4 | 1,7 | 3,0 | 1,5 | | |
| - 3,0 m | Supported by blade | 10,0 | 5,8 | 6,5 | 3,7 | 5,2 | 3,1 | 3,9 | 2,6 | | | | | | |
| | Traveling | 10,0 | 4,7 | 6,5 | 3,0 | 5,2 | 2,5 | 3,9 | 2,2 | | | | | | |

Lifting capacities Adjustable boom (C53.41) with stick 2.65 m (D53.3). Tailswing 1,575 mm

| Height | | 3,0 m | | 4,0 m | | 4,5 m | | 5,0 m | | 6,0 m | | 6,5 m | | 7,0 m | |
|---------|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |  FRONT |  LATERAL |
| +6,0 m | Supported by blade | | | | | 4,0 | 3,9 | 3,9 | 3,3 | 3,6 | 2,4 | | | | |
| | Traveling | | | | | 4,0 | 3,3 | 3,9 | 2,8 | 3,6 | 2,0 | | | | |
| +4,5 m | Supported by blade | | | 4,8 | 4,5 | 4,4 | 3,8 | 4,2 | 3,2 | 3,7 | 2,5 | 3,4 | 1,8 | | |
| | Traveling | | | 4,8 | 3,8 | 4,4 | 3,2 | 4,2 | 2,8 | 3,7 | 2,1 | 2,9 | 1,5 | | |
| + 3,0 m | Supported by blade | 6,8 | 6,5 | 5,9 | 4,3 | 5,2 | 3,6 | 4,7 | 3,1 | 4,0 | 2,5 | 3,5 | 1,8 | 3,2 | 1,6 |
| | Traveling | 6,8 | 5,5 | 5,9 | 3,6 | 5,2 | 3,1 | 4,7 | 2,7 | 3,7 | 2,1 | 2,9 | 1,5 | 2,6 | 1,3 |
| + 1,5 m | Supported by blade | 8,3 | 6,2 | 6,8 | 4,1 | 5,9 | 3,5 | 5,2 | 3,1 | 4,3 | 2,4 | 3,5 | 1,8 | 3,1 | 1,5 |
| | Traveling | 8,3 | 5,3 | 6,4 | 4,5 | 5,4 | 3,0 | 4,6 | 2,6 | 3,6 | 2,0 | 2,9 | 1,5 | 2,5 | 1,3 |
| + 0 m | Supported by blade | 9,5 | 5,1 | 6,9 | 4,0 | 6,0 | 3,4 | 5,3 | 2,9 | 4,2 | 2,2 | 3,4 | 1,7 | 3,0 | 1,5 |
| | Traveling | 9,5 | 5,0 | 6,4 | 3,3 | 5,4 | 2,8 | 4,6 | 2,5 | 3,6 | 1,9 | 2,7 | 1,4 | 2,4 | 1,2 |
| - 1,5 m | Supported by blade | 10,1 | 5,7 | 7,0 | 3,8 | 6,1 | 3,2 | 5,4 | 2,8 | 4,3 | 2,0 | 3,1 | 1,6 | | |
| | Traveling | 10,1 | 4,6 | 6,6 | 3,1 | 5,5 | 2,7 | 4,7 | 2,3 | 3,4 | 1,7 | 2,7 | 1,3 | | |
| - 3,0 m | Supported by blade | 10,4 | 5,7 | 7,2 | 3,7 | 6,0 | 3,1 | 5,0 | 2,6 | | | | | | |
| | Traveling | 10,4 | 4,6 | 6,5 | 3,0 | 5,3 | 2,5 | 4,5 | 2,2 | | | | | | |

All values in kilogrammes (kg) were determined acc. to ISO 10567 and include a stability factor of 1.33 or 87% of the hydraulic lifting capacity. These values are applicable at the top of the arm with optimum positioning of the corresponding boom.

Working ranges Adjustable boom, mechanical (C53.0)



| | STICK LENGTHS | | 2,15 m (D53.2) | | 2,65 m (D53.3) | |
|---|---------------------------|--------|----------------|--------|----------------|--------|
| | Bucket | Grabs | Bucket | Grabs | Bucket | Grabs |
| A | Bucket pivot point | 7.80 m | 7.80 m | 8.10 m | 8.10 m | 8.10 m |
| B | Max. dumping height | - | 5.30 m | - | 5.65 m | - |
| D | Max digging depth | 4.90 m | 4.90 m | 5.45 m | 6.50 m | 6.50 m |
| F | Max. reach | 7.20 m | 7.20 m | 7.70 m | 7.70 m | 7.70 m |
| G | Max. digging reach | 8.60 m | 8.10 m | 9.05 m | 8.45 m | 8.45 m |
| H | Max. arm position | 3.30 m | 3.30 m | 3.70 m | 3.70 m | 3.70 m |
| J | Max. reach height | 9.15 m | - | 9.50 m | - | - |
| L | Lowest bucket pivot point | 3.55 m | 3.55 m | 4.05 m | 4.05 m | 4.05 m |
| | Max. bucket digging force | 130 kN | - | 130 kN | - | - |
| | Max. stick digging force | 82 kN | - | 72 kN | - | - |
| | Grab clamping force | - | 73 kN | - | 73 kN | - |
| | Operating Weight | 14.8 t | 15.0 t | 14.9 t | 15.1 t | - |

Lifting capacities Adjustable boom (C53.41), Wide axles 2.75 m, 5.3 t GG

Lifting capacities Adjustable boom (C53.41) with stick 2.15 m (D53.2). Tailswing 1,700 mm

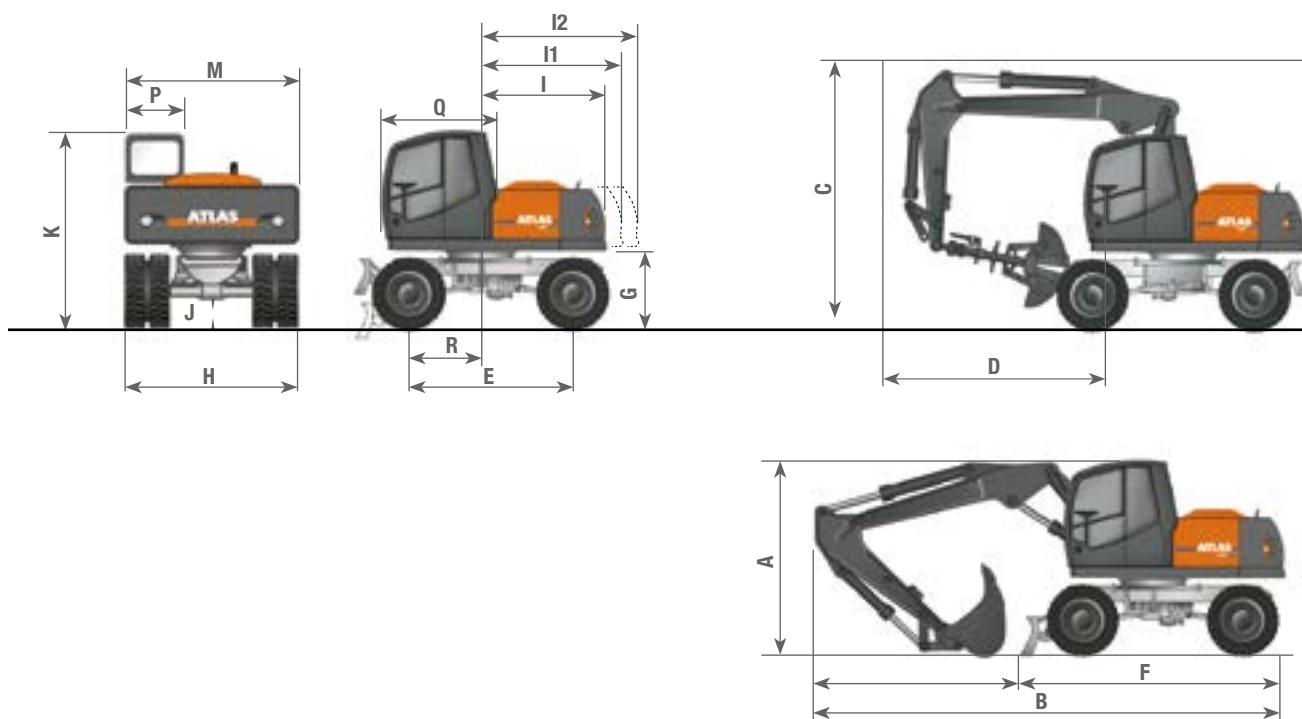
| Height | | 2,5 m | | 3,0 m | | 3,5 m | | 4,0 m | | 4,5 m | | 5,0 m | | 5,5 m | | 6,0 m | | 6,5 m | | 7,0 m | | |
|---------|--------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--|
| | | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | |
| +7,5 m | Supported by blade | | | | | 5,3* | 5,3* | 5,0* | 5,0* | | | | | | | | | | | | | |
| | Traveling | | | | | 5,3* | 5,3* | 5,0* | 5,0* | | | | | | | | | | | | | |
| +6,0 m | Supported by blade | | | | | | | 4,7* | 4,7* | 4,4* | 4,4* | 4,2* | 4,2* | 4,1* | 3,8 | | | | | | | |
| | Traveling | | | | | | | 4,7* | 4,7* | 4,4* | 4,4* | 4,2* | 3,9 | 4,1* | 3,4 | | | | | | | |
| +4,5 m | Supported by blade | | | 6,4* | 6,4* | 5,9* | 5,9* | 5,3* | 5,3* | 4,8* | 4,8* | 4,5* | 4,3 | 4,2* | 3,8* | 4,0* | 3,4 | 3,8* | 2,9 | | | |
| | Traveling | | | 6,4* | 6,4* | 5,9* | 5,9* | 5,3* | 5,3* | 4,8* | 4,5 | 4,5* | 3,9 | 4,2* | 3,4 | 4,0* | 3,0 | 3,8* | 2,6 | | | |
| + 3,0 m | Supported by blade | | | 6,9* | 6,9* | 6,9* | 6,9* | 6,3* | 5,8 | 5,5* | 4,9 | 5,0* | 4,2 | 4,5* | 3,7 | 4,2* | 3,3 | 3,9* | 2,9 | 3,6* | 2,6 | |
| | Traveling | | | 6,9* | 6,9* | 6,9* | 6,2 | 6,3* | 5,1 | 5,5* | 4,4 | 5,0* | 3,8 | 4,5* | 3,4 | 4,2* | 3,0 | 3,8 | 2,6 | 3,4 | 2,2 | |
| + 1,5 m | Supported by blade | 8,9* | 8,9* | 8,4* | 8,4* | 7,8* | 6,9 | 7,0* | 5,7 | 6,0* | 4,8* | 5,3* | 4,2 | 4,8* | 3,7* | 4,4* | 3,3 | 4,0 | 2,9 | 3,7* | 2,5 | |
| | Traveling | 8,9* | 8,9* | 8,4* | 7,6 | 7,8* | 6,1 | 7,0* | 5,0* | 6,0* | 4,3 | 5,3* | 3,8 | 4,7 | 3,4 | 4,2 | 2,9 | 3,8* | 2,5 | 3,4 | 2,2 | |
| + 0 m | Supported by blade | 11,6* | 11,6* | 9,9* | 8,8 | 8,3* | 6,9 | 7,0* | 5,7 | 6,1* | 4,9 | 5,4* | 4,2 | 4,8* | 3,6 | 4,4* | 3,1 | 4,0* | 2,8 | 3,6* | 2,4 | |
| | Traveling | 11,6* | 10,1 | 9,9* | 7,5 | 8,3* | 6,0 | 7,0* | 5,0 | 6,1* | 4,2 | 5,4* | 3,7 | 4,7* | 3,2 | 4,3 | 2,7 | 3,7 | 2,4 | 3,3 | 2,1 | |
| - 1,5 m | Supported by blade | 13,0* | 12,0 | 10,3* | 8,7 | 8,4* | 6,8 | 7,2* | 5,6 | 6,2* | 4,7 | 5,6* | 4,0 | 4,9* | 3,4 | 4,2* | 3,0 | 3,3* | 2,7 | | | |
| | Traveling | 13,1* | 9,9 | 10,3* | 7,3 | 8,4* | 5,8 | 7,2* | 4,8 | 6,2* | 4,1 | 5,5 | 3,5 | 4,7 | 3,0 | 4,1 | 2,6 | 3,3* | 2,4 | | | |
| - 3,0 m | Supported by blade | 12,8* | 12,2 | 10,0* | 6,7 | 8,0* | 6,7 | 6,5* | 5,4 | 5,2* | 4,6 | 3,9* | 3,9* | | | | | | | | | |
| | Traveling | 12,8* | 10,0 | 10,0* | 7,3 | 8,0* | 5,7 | 6,5* | 4,7 | 5,2* | 3,9 | 3,9* | 3,4 | | | | | | | | | |

Lifting capacities Adjustable boom (C53.41) with stick 2.65 m (D53.3). Tailswing 1,700 mm

| Height | | 2,5 m | | 3,0 m | | 3,5 m | | 4,0 m | | 4,5 m | | 5,0 m | | 5,5 m | | 6,0 m | | 6,5 m | | 7,0 m | | |
|---------|--------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|--|
| | | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | FRONT | LATERAL | |
| +7,5 m | Supported by blade | | | | | | | 4,4* | 4,4* | 4,2* | 4,2* | 3,9* | 3,9* | | | | | | | | | |
| | Traveling | | | | | | | 4,4* | 4,4* | 4,2* | 4,2* | 3,9* | 3,9 | | | | | | | | | |
| +6,0 m | Supported by blade | | | | | | | | | 4,0* | 4,0* | 3,9* | 3,9* | 3,7* | 3,7* | 3,6* | 3,4 | 3,2* | 2,9 | | | |
| | Traveling | | | | | | | | | 4,0* | 4,0* | 3,9* | 3,9* | 3,7* | 3,5 | 3,6* | 3,0 | 3,2* | 2,6 | | | |
| +4,5 m | Supported by blade | | | | | 4,6* | 4,6* | 4,8* | 4,8* | 4,4* | 4,4* | 4,2* | 4,2* | 3,9* | 3,8 | 3,7* | 3,4 | 3,6* | 3,0 | | | |
| | Traveling | | | | | 4,6* | 4,6* | 4,8* | 4,8* | 4,4* | 4,4* | 4,2* | 3,9 | 3,9* | 3,4 | 3,7* | 3,0 | 3,6* | 2,7 | | | |
| + 3,0 m | Supported by blade | | | 6,8* | 6,8* | 6,9* | 6,9* | 5,9* | 5,8 | 5,2* | 4,9 | 4,7* | 4,2 | 4,3* | 3,7 | 4,0* | 3,3 | 3,7* | 3,0 | 3,3* | 2,3 | |
| | Traveling | | | 6,8* | 6,8* | 6,9* | 6,2 | 5,9* | 5,1 | 5,2* | 4,4 | 4,7* | 3,8 | 4,3* | 3,3 | 4,0* | 3,0 | 3,7* | 2,7 | 3,1 | 2,0 | |
| + 1,5 m | Supported by blade | 8,6* | 8,6* | 8,3* | 8,3* | 7,8* | 6,8 | 6,8* | 5,6 | 5,9* | 4,8* | 5,2* | 4,2 | 4,7* | 3,8 | 4,3* | 3,3 | 3,9* | 2,9 | 3,3* | 2,7 | |
| | Traveling | 8,6* | 8,6* | 8,3* | 7,5 | 7,8* | 6,0* | 6,8* | 5,0 | 5,9* | 4,3* | 5,2* | 3,8 | 4,7* | 3,3 | 4,2 | 3,0 | 3,8 | 2,6 | 3,0 | 2,0 | |
| + 0 m | Supported by blade | 10,8* | 10,8* | 9,5* | 8,6 | 8,1* | 6,8 | 6,9* | 5,6 | 6,0* | 4,8 | 5,3* | 4,2 | 4,7* | 3,7 | 4,3* | 3,2 | 3,9* | 2,8 | 3,3* | 2,2 | |
| | Traveling | 10,8* | 10,1 | 9,5* | 7,6 | 8,1* | 6,0 | 6,9* | 5,0 | 6,0* | 4,3 | 5,3* | 3,9 | 4,7 | 3,2 | 4,2 | 2,8 | 3,8 | 2,5 | 3,0 | 1,9 | |
| - 1,5 m | Supported by blade | 12,8* | 12,0 | 10,1* | 8,7 | 8,3* | 6,8 | 7,0* | 5,6 | 6,1* | 4,7 | 5,4* | 4,1 | 4,9* | 3,5 | 4,4* | 3,0 | 3,9* | 2,7 | | | |
| | Traveling | 12,8* | 9,8 | 10,1* | 7,3 | 8,3* | 5,8 | 7,0* | 4,8 | 6,1* | 4,1 | 5,4 | 3,5 | 4,8 | 3,0 | 4,2 | 2,7 | 3,7 | 2,3 | | | |
| - 3,0 m | Supported by blade | 13,2* | 12,0 | 10,4* | 8,6 | 8,6* | 6,7 | 7,2* | 5,4 | 6,0* | 4,5 | 5,0* | 3,9 | 4,0* | 3,4 | | | | | | | |
| | Traveling | 13,2* | 9,8 | 10,4* | 7,3 | 8,6* | 5,7 | 7,2* | 4,7 | 6,0* | 3,9 | 5,0* | 3,4 | 4,0 | 2,9 | | | | | | | |

All values in kilogrammes (kg) were determined acc. to ISO 10567 and include a stability factor of 1.33 or 87% of the hydraulic lifting capacity. These values are applicable at the top of the arm with optimum positioning of the corresponding boom. * Value limited due to hydraulics.

Dimensions



| | | | | | |
|---|--|--------|----|--------------------------------------|--------|
| A | TRANSPORT HEIGHT (with bucket) Adjustable boom with stick 2.15 m..... | 3.00 m | G | CLEARANCE UNDER COUNTERWEIGHT | 1.22 m |
| B | TRANSPORT LENGTH Adjustable boom with stick 2.15 m..... | 7.70 m | H | DOZER BLADE WIDTH | 2.55 m |
| C | TRAVEL SETUP Adjustable boom with grab in grab storage | 4.00 m | I | TAILSWING RADIUS..... | 1.57 m |
| D | DISTANCE STEERING WHEEL - BOOM..... | 3.50 m | I1 | TAILSWING RADIUS..... | 1.75 m |
| E | WHEEL BASE | 2.50 m | I2 | TAILSWING RADIUS..... | 2.00 m |
| F | UNDERCARRIAGE LENGTH | 3.95 m | J | GROUND CLEARANCE..... | 0.45 m |
| | | | K | OVERALL HEIGHT OF CAB | 3.00 m |
| | | | M | OVERALL WIDTH OF SUPERSTRUCTURE..... | 2.49 m |
| | | | P | CAB WIDTH..... | 0.94 m |
| | | | Q | CAB LENGTH..... | 1.76 m |
| | | | R | DISTANCE RING GEAR - FRONT AXLE..... | 0.97 m |

www.atlasgmbh.com

ATLAS Maschinen GmbH
EXCAVATORS
Atlasstrasse 6
27777 Ganderkesee, Germany
T: +49 (0) 4222 954 0
F: +49 (0) 4222 954 343
info@atlasgmbh.com

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