




ATLAS

SINCE 1919

**ROBUST.
PRECISE.
EFFICIENT.**

-  16.6 - 17.5 t
-  90 kW (121 HP)
-  8.4 m



MATERIAL HANDLING MACHINE 160MH

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TECHNICAL SPECIFICATION 160MH

Technical specifications

ENGINE

| | | |
|---|--|------------------------------|
| Power rating acc. to ISO 9249..... 90 kW (121 HP) | Number of cylinders 4 | Generator 24 V / 100 A |
| RPM 1800/min | Bore / cylinder stroke 101 / 126 | Starter 24 V / 4 kW |
| Make / model Deutz TCD 4.1 (Tier 4F) | Cooling system Water-cooled | |
| Design..... Turbocharger | Air filter..... Dry air filter | |
| Displacement..... 4038 cm ³ | Battery 2 x 12 V / 100 Ah | |

HYDRAULIC SYSTEM

| | | |
|---|--|---|
| • AWE 5 system (Load sensing) | • Suction valves for all work functions | • 2 additional circuits for additional consumer loads possible |
| • Load limit controlled high-performance pump | • Load-retaining and fine lowering valves in lifting circuit | • Max. oil flow 188 l/min |
| • Fuel-efficient flow-on-demand control | • Pipe break protection valves for lifting cylinders | • Max. operating pressure 360 bar |
| • Sensitive, proportional, independent control | • Grab / grab-rotating function equipped as standard | • Operating modes: 3 pre-programmed modes (Fine, Eco, Power) |
| • Primary and secondary protection against overload | | |

SWING ASSEMBLY

| | | |
|----------------|---|---------------------------------|
| • Swing motor: | Axial piston motor with priority valve | • Max. swing speed 9 /min |
| • Swing gear: | Planetary transmission | • Swing torque 34.7 kNm |
| • Swing brake: | Automatically controlled multi-disc brake | |

TRACTION DRIVE AND BRAKES

| | | |
|---|---|--|
| • Variable displacement motor | • Automotive traveling and cruise control | • Tractive force..... 76.0 kN |
| • Power-shift transmission | • Max. speed..... 20 km/h | • Max. gradeability..... 60 % |
| • Double-acting brake valve | • Off-road speed..... 5 km/h | • Dual-circuit brake system Multi-disc |
| • Travel direction pre-selection via switch in joystick | • Crawling speed..... 1 km/h | • Parking brake Multi-disc |

UNDERCARRIAGE

| | | |
|---|------------------------------------|---------------------------------------|
| • 28 tons special excavator axles | • 8 tires (twins) 10.00 - 20 | • 4 tires (optional) 600 - 22.5 |
| • Steering axle with automatic oscillating axle locking | | |

FILL CAPACITIES

| | | |
|----------------------------------|-----------------------------------|-------------------------------------|
| • Fuel tank 240 litres | • Engine oil 10 litres | • Hydraulic system 200 litres |
| • Cooling system 38 litres | • Hydraulic tank 157 litres | • AdBlue® tank 20 litres |

DRIVER'S CAB

| | | |
|---|--|---|
| • Meets latest safety standards | CONTROL: | CLIMATE CONTROL: |
| • Extra large entry zone | • Ergonomic joysticks | • Air conditioning equipped as standard |
| • Spacious leg room | • Slim steering column, height and tilt adjustable | • Excellent air distribution through optimally arranged nozzles |
| • Excellent circumferential visibility* | • Indicators, controls and operating switches are clearly arranged | |
| • Preparation for radio installation with mute function | | SOUND LEVELS: |
| | MONITORING: | • ISO 6396 (L _p A) in driver's cab 72 dB(A) |
| DRIVER'S SEAT: | • Operating data display screen | • 2000/14 EG (L _w A) ambience level 97 dB(A) |
| • Air-cushioned comfort seat (seat heating optional) | • Automatic system for monitoring, warning and storage of data | |
| • Arm rests and lumbar support | | |
| • Seat adjustable separately from console | | * Lift cab 2 m elevation |

WORKING EQUIPMENT 160MH

Working equipment

OPERATING WEIGHTS

| | MONOBLOCK BOOM 4.80 m (C3.4MGG) | | ADJUSTABLE BOOM Base arm 1.95 m (C3.41) Boom 3.47 m (C346.1) | |
|-------------------------|------------------------------------|------------------------|--|------------------------|
| | Stick 2.50 m (D33) | Stick 3.00 m (D331) | Stick 2.50 m (D33) | Stick 3.00 m (D331) |
| Support and dozer blade | 14 t | | | |
| SDB / outriggers | 15 t | | | |
| 4 outriggers | 15,2 t | | | |

Operating weight incl. driver, fuel, lubricants and coolant plus 1 t for attachments

EQUIPMENT

| BASIC UNIT ATLAS 160MH | STANDARD EQUIPMENT: | |
|--|---|--|
| <ul style="list-style-type: none"> Material handling machine 160MH with support and dozer blade on steering axle, 2x outrigger support on rigid axle and 2 lifting cylinders (A4.35) | Engine: <ul style="list-style-type: none"> Automatic idling system Cold start assistance | Cab: <ul style="list-style-type: none"> Air conditioning |
| BOOMS: <ul style="list-style-type: none"> Monoblock boom with stick cylinder 4.22 m (C3.4M) Adjustable boom consisting of base arm 1.95 m (C3.41) with adjusting cylinder plus boom 3.47 m (C346.1) with stick cylinder | <ul style="list-style-type: none"> Diesel pre-filter Engine monitoring | <ul style="list-style-type: none"> Radio preparation with mute function Slim steering column, height and tilt adjustable Ready for electric cooling box |
| STICKS: <ul style="list-style-type: none"> Stick 2.50 m (D33) Stick 3.00 m (D331) | Hydraulic system: <ul style="list-style-type: none"> Grab/grab rotating function Accumulator for emergency lowering of the arm system Pipe break protection valves for lifting cylinders Cylinder end position damping | <ul style="list-style-type: none"> Different options for storage, compartment for documents Seat adjustable separately from console Rear view security camera Heat-absorbing glass, tinted windows Automotive drive and cruise control Operating data display screen |
| BUCKET TIPPING CYLINDER: <ul style="list-style-type: none"> Bucket tipping cylinder with bucket linkage (F31) | UNDERCARRIAGE: <ul style="list-style-type: none"> Power-shift transmission Wet disc brakes Toolbox in undercarriage ZF axles | <ul style="list-style-type: none"> Bottle holder |

ADDITIONAL EQUIPMENT

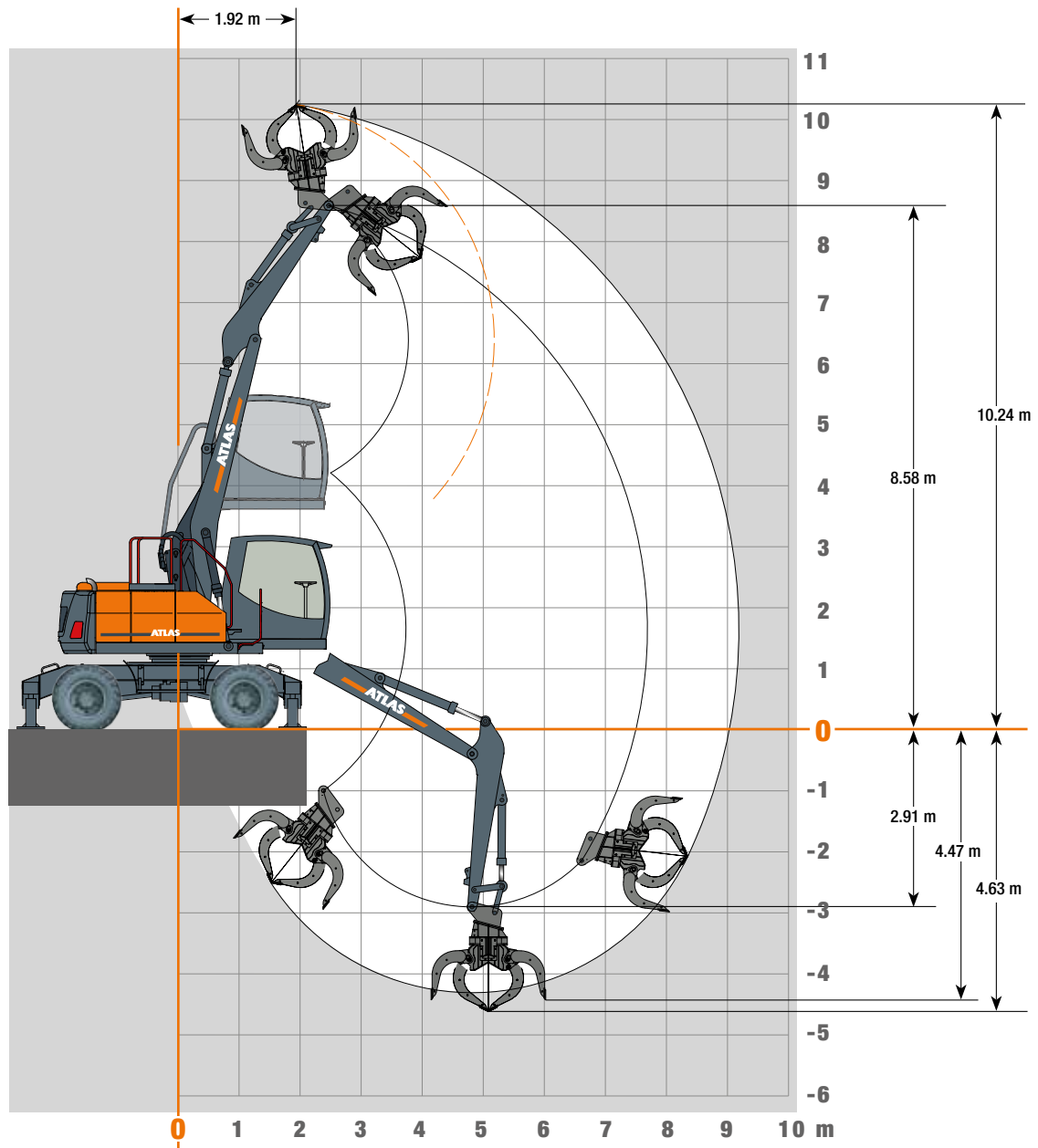
| | | |
|--|--|--|
| Engine: <ul style="list-style-type: none"> Refueling pump Auxiliary heating | Working equipment: <ul style="list-style-type: none"> Automatically controlled and monitored electric central lubrication system for uppercarriage and arm equipment | <ul style="list-style-type: none"> Proportional control of supports by slide in joystick Alarm-signal while driving Joystick steering Head rest |
| Hydraulic system: <ul style="list-style-type: none"> Hydraulic kit, to operate front and rear supports separately Hydraulic kit, to operate supports per axle separately Biodegradable oil 270° camera system | Cab: <ul style="list-style-type: none"> Cab protection guard Beacon light Heated driver's seat GPS/GSM telemetric system for monitoring of operating data, consumption, position Radio/CD/MP3, front AUX in, USB Electric cooling box LED working lights 270° camera system | Undercarriage: <ul style="list-style-type: none"> Wide axles (overall width 2.7 m) Wide dozer blade (2.7 m) High-speed execution 35 km/h Gear protection Wheel cover |
| | | Further special equipment: See price list |

ATTACHMENTS (SELECTION)

- Clamshell grab
- Orange peel grab
- Load hook
- Load lifting magnet
- Log grab




































WORKING RANGES 160MH

Working ranges Monoblock boom 4.80 m (C3.4MGG) and stick 2.5 m (D33)



LIFTING CAPACITIES 160MH

Lifting capacities Monoblock boom 4.80 m (C3.4MGG) and stick 2.5 m (D33)

| Lifting capacities Monoblock boom 4.80 m (C3.4MGG) and stick 2.5 m (D33) | | | 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 | 7.5 m |
|--|------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HEIGHT | Undercarriage position | | | | | | | | | | | | |
| + 8.0 m | FRONT |  outriggers down | | | 4898 | | | | | | | | |
| | |  outriggers up | | | 4898 | | | | | | | | |
| | LATERAL |  outriggers down | | | 4898 | | | | | | | | |
| | |  outriggers up | | | 4898 | | | | | | | | |
| + 7.0 m | FRONT |  outriggers down | | | | 4479 | 4213 | 4016 | | | | | |
| | |  outriggers up | | | | 4479 | 4213 | 4016 | | | | | |
| | LATERAL |  outriggers down | | | | 4479 | 4213 | 4016 | | | | | |
| | |  outriggers up | | | | 4479 | 3972* | 3371* | | | | | |
| + 6.0 m | FRONT |  outriggers down | | | | 4257 | 4122 | 3881 | 3679 | 3513 | | | |
| | |  outriggers up | | | | 4257 | 4122 | 3881 | 3679 | 3513 | | | |
| | LATERAL |  outriggers down | | | | 4257 | 4122 | 3881 | 3679 | 3513 | | | |
| | |  outriggers up | | | | 4257 | 3994* | 3412* | 2955* | 2579* | | | |
| + 5.0 m | FRONT |  outriggers down | | | 3920 | 4202 | 4237 | 3943 | 3695 | 3480 | 3289 | | |
| | |  outriggers up | | | 3920 | 4202 | 4237 | 3943 | 3695 | 3480 | 3289 | | |
| | LATERAL |  outriggers down | | | 3920 | 4202 | 4237 | 3943 | 3695 | 3480 | 3289 | | |
| | |  outriggers up | | | 3920 | 4202 | 3947* | 3383* | 2943* | 2588* | 2291* | | |
| + 4.0 m | FRONT |  outriggers down | | 4628 | 4875 | 4968 | 4492 | 4112 | 3800 | 3535 | 3301 | 3079 | |
| | |  outriggers up | | 4628 | 4875 | 4968 | 4492 | 4112 | 3800 | 3535 | 3301 | 3079 | |
| | LATERAL |  outriggers down | | 4628 | 4875 | 4968 | 4492 | 4112 | 3800 | 3535 | 3301 | 3079 | |
| | |  outriggers up | | 4628 | 4875 | 4561* | 3848* | 3311* | 2892* | 2555* | 2276* | 2039* | |
| + 3.0 m | FRONT |  outriggers down | | | 6278 | 5423 | 4797 | 4316 | 3931 | 3610 | 3332 | 3074 | 2769 |
| | |  outriggers up | | | 6278 | 5423 | 4797 | 4316 | 3931 | 3610 | 3332 | 3074 | 2769 |
| | LATERAL |  outriggers down | | | 6278 | 5423 | 4797 | 4316 | 3931 | 3610 | 3332 | 3074 | 2769 |
| | |  outriggers up | | | 5274* | 4370* | 3713* | 3213* | 2820* | 2502* | 2240* | 2019* | 1828* |
| +2.0 m | FRONT |  outriggers down | | | | 5731 | 5010 | 4455 | 4013 | 3646 | 3328 | 3036 | 2720 |
| | |  outriggers up | | | | 5731 | 5010 | 4455 | 4013 | 3646 | 3328 | 3036 | 2720 |
| | LATERAL |  outriggers down | | | | 5731 | 5010 | 4455 | 4013 | 3646 | 3328 | 3036 | 2720 |
| | |  outriggers up | | | | 4175* | 3572* | 3109* | 2742* | 2444* | 2198* | 1991* | 1816* |
| +1.0 m | FRONT |  outriggers down | | | | 5676 | 4987 | 4430 | 3972 | 3584 | 3241 | 2914 | 2540 |
| | |  outriggers up | | | | 5676 | 4987 | 4430 | 3972 | 3584 | 3241 | 2914 | 2540 |
| | LATERAL |  outriggers down | | | | 5676 | 4987 | 4430 | 3972 | 3584 | 3241 | 2914 | 2540 |
| | |  outriggers up | | | | 4041* | 3465* | 3026* | 2678* | 2397* | 2164* | 1969* | 1804* |
| 0.0 m | FRONT |  outriggers down | | | 5112 | 5237 | 4677 | 4183 | 3752 | 3369 | 3011 | 2645 | |
| | |  outriggers up | | | 5112 | 5237 | 4677 | 4183 | 3752 | 3369 | 3011 | 2645 | |
| | LATERAL |  outriggers down | | | 5112 | 5237 | 4677 | 4183 | 3752 | 3369 | 3011 | 2645 | |
| | |  outriggers up | | | 4787* | 3986* | 3413* | 2980* | 2641* | 2368* | 2143* | 1957* | |
| -1.5 m | FRONT |  outriggers down | | 4410 | 4284 | 4007 | 3675 | 3329 | 2981 | 2624 | 2220 | | |
| | |  outriggers up | | 4410 | 4284 | 4007 | 3675 | 3329 | 2981 | 2624 | 2220 | | |
| | LATERAL |  outriggers down | | 4410 | 4284 | 4007 | 3675 | 3329 | 2981 | 2624 | 2220 | | |
| | |  outriggers up | | 4410 | 4284 | 3993* | 3408* | 2972* | 2635* | 2366* | 2150* | | |

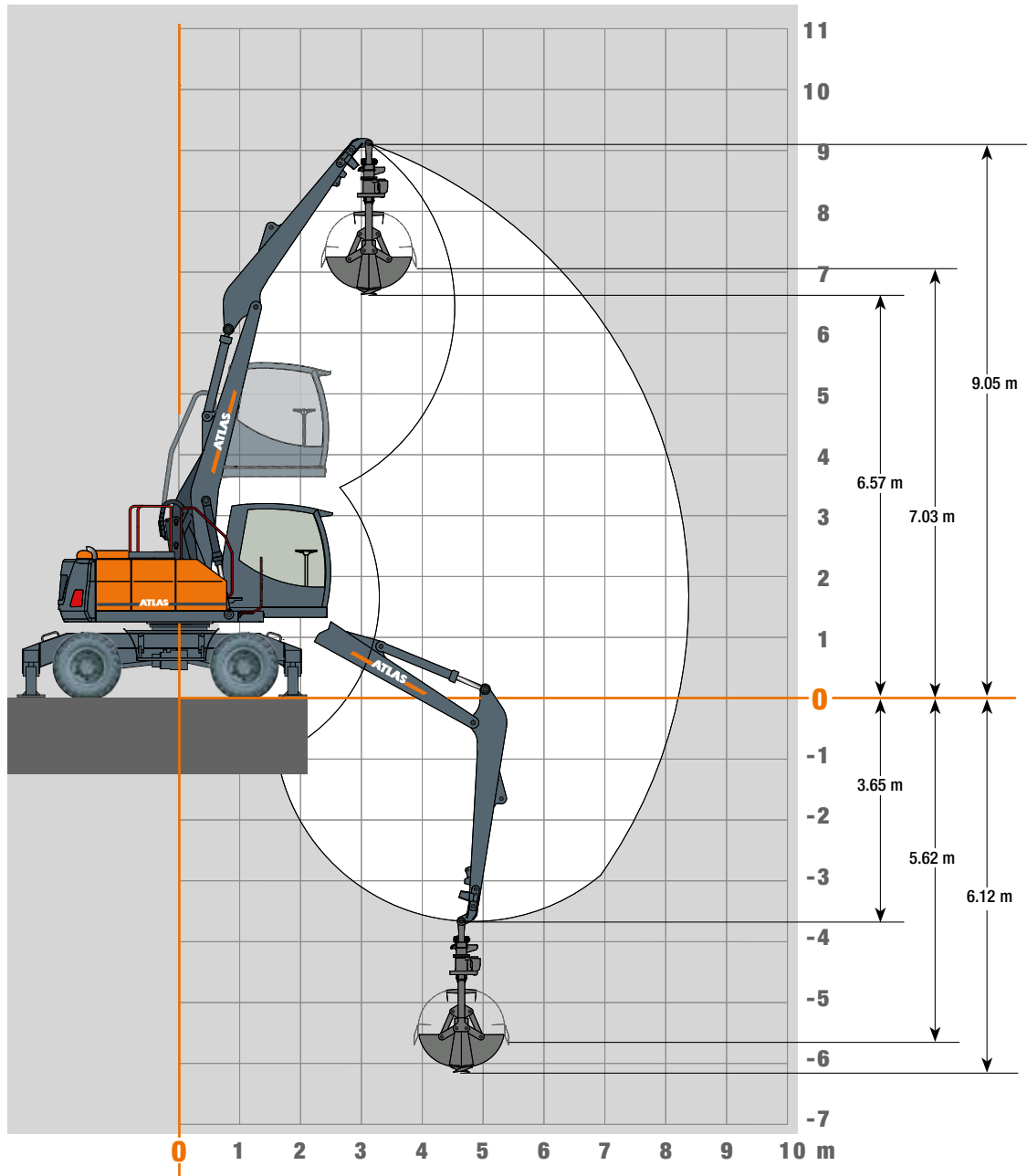
The specified max. loading capacities in kilogrammes (kg) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories (grab, magnet, load hook, etc.) are not included with the load carrying values.

*Value limited due to excavator stability.

All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.









































WORKING RANGES 160MH

Working ranges Monoblock boom 4.80 m (C3.4MGG) and stick 3.0 m (D331)



LIFTING CAPACITIES 160MH

Lifting capacities Monoblock boom 4.80 m (C3.4MGG) and stick 3.0m (D331)

| Lifting capacities Monoblock boom 4.80 m (C3.4MGG) and stick 3.0 m (D331) | | | 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 | 7.5 m | 8.0 m |
|---|------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HEIGHT | Undercarriage position | | | | | | | | | | | | |
| + 8.0 m | FRONT |  outriggers down | | | 4017 | 3545 | | | | | | | |
| | |  outriggers up | | | 4017 | 3545 | | | | | | | |
| | LATERAL |  outriggers down | | | 4017 | 3545 | | | | | | | |
| | |  outriggers up | | | 4017 | 3545 | | | | | | | |
| + 7.0 m | FRONT |  outriggers down | | | | 3736 | 3685 | 3408 | | | | | |
| | |  outriggers up | | | | 3736 | 3685 | 3408 | | | | | |
| | LATERAL |  outriggers down | | | | 3736 | 3685 | 3408 | | | | | |
| | |  outriggers up | | | | 3736 | 3446* | 2969* | | | | | |
| + 6.0 m | FRONT |  outriggers down | | | | 3487 | 3595 | 3449 | 3297 | 3029 | | | |
| | |  outriggers up | | | | 3487 | 3595 | 3449 | 3297 | 3029 | | | |
| | LATERAL |  outriggers down | | | | 3487 | 3595 | 3449 | 3297 | 3029 | | | |
| | |  outriggers up | | | | 3487 | 3462* | 2998* | 2623* | 2308* | | | |
| + 5.0 m | FRONT |  outriggers down | | | 3218 | 3431 | 3596 | 3494 | 3308 | 3140 | 2985 | | |
| | |  outriggers up | | | 3218 | 3431 | 3596 | 3494 | 3308 | 3140 | 2985 | | |
| | LATERAL |  outriggers down | | | 3218 | 3431 | 3596 | 3494 | 3308 | 3140 | 2985 | | |
| | |  outriggers up | | | 3218 | 3431 | 3425* | 2974* | 2612* | 2314* | 2061* | | |
| + 4.0 m | FRONT |  outriggers down | | 3333 | 3610 | 3815 | 3897 | 3624 | 3389 | 3183 | 2994 | 2806 | |
| | |  outriggers up | | 3333 | 3610 | 3815 | 3897 | 3624 | 3389 | 3183 | 2994 | 2806 | |
| | LATERAL |  outriggers down | | 3333 | 3610 | 3815 | 3897 | 3624 | 3389 | 3183 | 2994 | 2806 | |
| | |  outriggers up | | 3333 | 3610 | 3815 | 3347* | 2916* | 2571* | 2287* | 2048* | 1842* | |
| + 3.0 m | FRONT |  outriggers down | | 5866 | 5123 | 4569 | 4137 | 3788 | 3496 | 3245 | 3019 | 2801 | 2100 |
| | |  outriggers up | | 5866 | 5123 | 4569 | 4137 | 3788 | 3496 | 3245 | 3019 | 2801 | 2801 |
| | LATERAL |  outriggers down | | 5866 | 5123 | 4569 | 4137 | 3788 | 3496 | 3245 | 3019 | 2801 | 2100 |
| | |  outriggers up | | 5388* | 4440* | 3756* | 3239* | 2835* | 2509* | 2242* | 2017* | 1824* | 1656* |
| +2.0 m | FRONT |  outriggers down | | | 5549 | 4863 | 4339 | 3922 | 3577 | 3283 | 3020 | 2771 | 2488 |
| | |  outriggers up | | | 5549 | 4863 | 4339 | 3922 | 3577 | 3283 | 3020 | 2771 | 2488 |
| | LATERAL |  outriggers down | | | 5549 | 4863 | 4339 | 3922 | 3577 | 3283 | 3020 | 2771 | 2488 |
| | |  outriggers up | | | 4219* | 3596* | 3121* | 2745* | 2441* | 2190* | 1978* | 1799* | 1645* |
| +1.0 m | FRONT |  outriggers down | | | 5679 | 4964 | 4404 | 3952 | 3575 | 3252 | 2960 | 2675 | 2336 |
| | |  outriggers up | | | 5679 | 4964 | 4404 | 3952 | 3575 | 3252 | 2960 | 2675 | 2336 |
| | LATERAL |  outriggers down | | | 5679 | 4964 | 4404 | 3952 | 3575 | 3252 | 2960 | 2675 | 2336 |
| | |  outriggers up | | | 4040* | 3460* | 3016* | 2664* | 2378* | 2142* | 1945* | 1777* | 1634* |
| 0.0 m | FRONT |  outriggers down | | 5698 | 5436 | 4797 | 4269 | 3825 | 3445 | 3106 | 2789 | 2459 | |
| | |  outriggers up | | 5698 | 5436 | 4797 | 4269 | 3825 | 3445 | 3106 | 2789 | 2459 | |
| | LATERAL |  outriggers down | | 5698 | 5436 | 4797 | 4269 | 3825 | 3445 | 3106 | 2789 | 2459 | |
| | |  outriggers up | | 4732* | 3945* | 3378* | 2948* | 2610* | 2336* | 2111* | 1922* | 1763* | |
| -1.5 m | FRONT |  outriggers down | 5338 | 4905 | 4449 | 4014 | 3611 | 3239 | 2889 | 2543 | 2164 | | |
| | |  outriggers up | 5338 | 4905 | 4449 | 4014 | 3611 | 3239 | 2889 | 2543 | 2164 | | |
| | LATERAL |  outriggers down | 5338 | 4905 | 4449 | 4014 | 3611 | 3239 | 2889 | 2543 | 2164 | | |
| | |  outriggers up | 5338 | 4719* | 3916* | 3344* | 2915* | 2582* | 2315* | 2098* | 1920* | | |

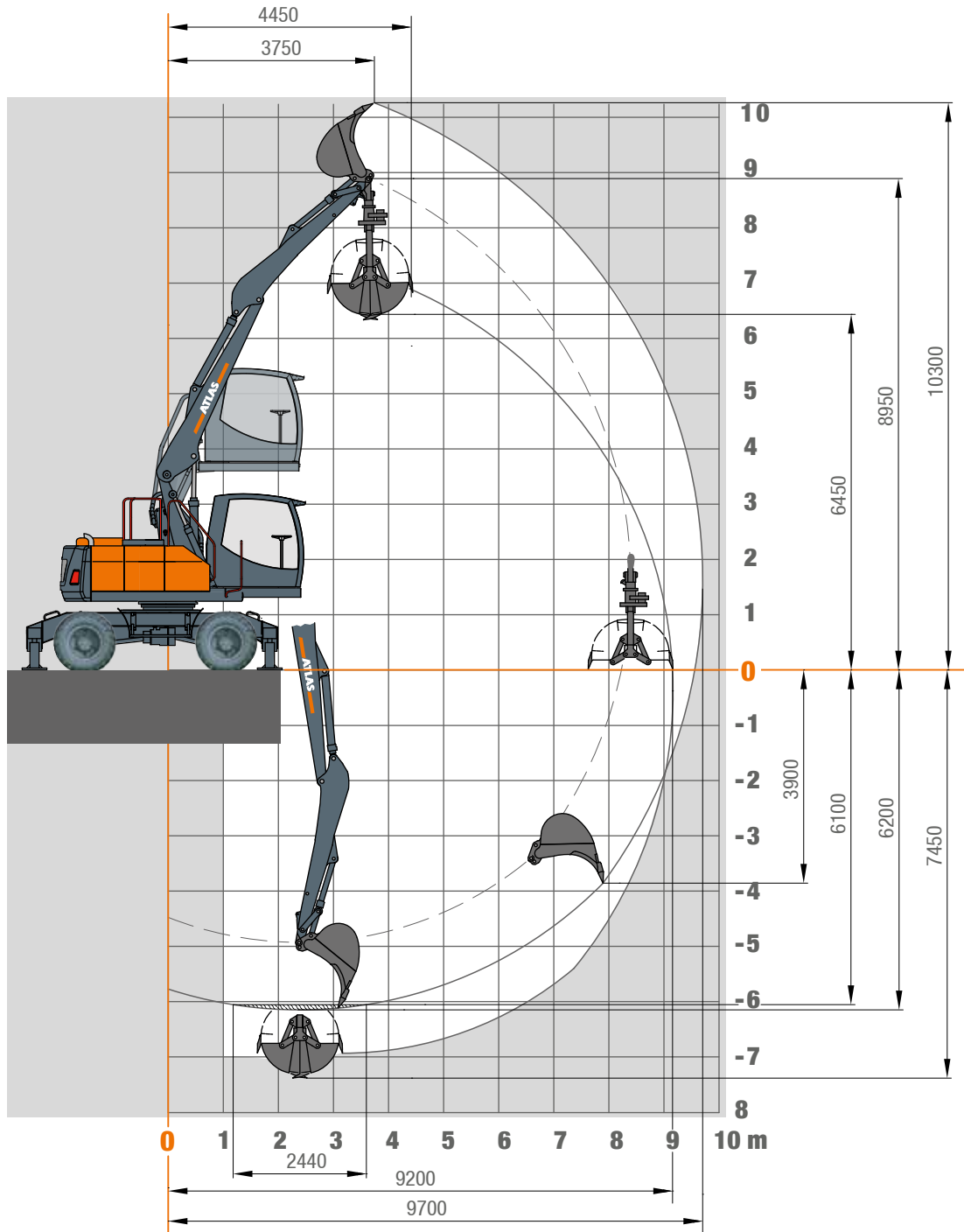
The specified max. loading capacities in kilogrammes (kg) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories (grab, magnet, load hook, etc.) are not included with the load carrying values.

*Value limited due to excavator stability.

All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.



















WORKING RANGES 160MH

Working ranges Adjustable boom: Base arm 1.95 m (C3.41) and boom 3.47 m (C346.1) and stick 3.0 m (D331)



LIFTING CAPACITIES 160MH

Lifting capacities Adjustable boom: Base arm 1.95 m (C3.41) and boom 3.47 m (C346.1) and stick 3.0 m (D331)

| Lifting capacities Adjustable boom: Base arm 1.95 m (C3.41) and boom 3.47 m (C346.1) with stick 3.0 m (D331). Max reach 9.70 m | | | | | | | | | | | | | | |
|--|---|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| HEIGHT | Undercarriage position | | 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 | 7.5 m | 8.0 m |
| + 5.0 m | FRONT  | outriggers down | | | | | | 3155 | 2986 | 2842 | 2720 | 2616 | 2529 | 2459 |
| | | outriggers up | | | | | | 3155 | 2986 | 2842 | 2720 | 2616 | 2529 | 2459 |
| | LATERAL  | outriggers down | | | | | | 3155 | 2986 | 2842 | 2720 | 2616 | 2529 | 2459 |
| | | outriggers up | | | | | | 3155 | 2986 | 2842 | 2635* | 2353* | 2095* | 1836* |
| + 4.0 m | FRONT  | outriggers down | | | 4236 | 3814 | 3490 | 3233 | 3025 | 2852 | 2707 | 2583 | 2476 | 2301 |
| | | outriggers up | | | 4236 | 3814 | 3490 | 3233 | 3025 | 2852 | 2707 | 2583 | 2476 | 2301 |
| | LATERAL  | outriggers down | | | 4236 | 3814 | 3490 | 3233 | 3025 | 2852 | 2707 | 2583 | 2476 | 2301 |
| | | outriggers up | | | 4236 | 3814 | 3490 | 3233 | 2924* | 2598* | 2329* | 2105* | 1851* | 1630* |
| + 3.0 m | FRONT  | outriggers down | | 5282 | 5082 | 4401 | 3912 | 3543 | 3254 | 3021 | 2829 | 2667 | 2526 | 2399 |
| | | outriggers up | | 5282 | 5082 | 4401 | 3912 | 3543 | 3254 | 3021 | 2829 | 2667 | 2526 | 2399 |
| | LATERAL  | outriggers down | | 5282 | 5082 | 4401 | 3912 | 3543 | 3254 | 3021 | 2829 | 2667 | 2526 | 2399 |
| | | outriggers up | | 5282 | 5082 | 4373* | 3735* | 3250 | 2868* | 2558* | 2305* | 2096* | 1846* | 1629* |
| +2.0 m | FRONT  | outriggers down | 6066 | 6022 | 5656 | 4946 | 4311 | 3839 | 3476 | 3186 | 2949 | 2750 | 2576 | 2418 |
| | | outriggers up | 6066 | 6022 | 5656 | 4946 | 4311 | 3839 | 3476 | 3186 | 2949 | 2750 | 2576 | 2418 |
| | LATERAL  | outriggers down | 6066 | 6022 | 5656 | 4946 | 4311 | 3839 | 3476 | 3186 | 2949 | 2750 | 2576 | 2418 |
| | | outriggers up | 6066 | 6022 | 5090* | 4263* | 3654* | 3191* | 2824* | 2530* | 2290* | 2071* | 1821* | 1610* |
| +1.0 m | FRONT  | outriggers down | 6881 | 6561 | 6037 | 5251 | 4564 | 4041 | 3631 | 3302 | 3031 | 2801 | 2598 | 2425 |
| | | outriggers up | 6881 | 6561 | 6037 | 5251 | 4564 | 4041 | 3631 | 3302 | 3031 | 2801 | 2598 | 2425 |
| | LATERAL  | outriggers down | 6881 | 6561 | 6037 | 5251 | 4564 | 4041 | 3631 | 3302 | 3031 | 2801 | 2598 | 2425 |
| | | outriggers up | 6881 | 6233* | 5027* | 4208* | 3608* | 3159* | 2804* | 2522* | 2304* | 2021* | 1781* | 1580* |
| 0.0 m | FRONT  | outriggers down | 7839 | 7099 | 6187 | 5289 | 4617 | 4094 | 3676 | 3333 | 3047 | 2808 | 2619 | 2396 |
| | | outriggers up | 7839 | 7099 | 6187 | 5289 | 4617 | 4094 | 3676 | 3333 | 3047 | 2808 | 2619 | 2396 |
| | LATERAL  | outriggers down | 7839 | 7099 | 6187 | 5289 | 4617 | 4094 | 3676 | 3333 | 3047 | 2808 | 2619 | 2396 |
| | | outriggers up | 7839 | 6254* | 5034* | 4207* | 3611* | 3165* | 2820* | 2530* | 2233* | 1958* | 1733* | 1547* |
| -1.0 m | FRONT  | outriggers down | 8955 | 7532 | 6245 | 5328 | 4645 | 4116 | 3695 | 3355 | 3078 | 2867 | 2582 | 2123 |
| | | outriggers up | 8955 | 7532 | 6245 | 5328 | 4645 | 4116 | 3695 | 3355 | 3078 | 2867 | 2582 | 2123 |
| | LATERAL  | outriggers down | 8955 | 7532 | 6245 | 5328 | 4645 | 4116 | 3695 | 3355 | 3078 | 2867 | 2582 | 2123 |
| | | outriggers up | 8359* | 6340* | 5099* | 4244* | 3623* | 3148* | 2772* | 2453* | 2145* | 1892* | 1688* | 1522* |
| -2.0 m | FRONT  | outriggers down | 9630 | 7664 | 6353 | 5420 | 4726 | 4193 | 3780 | 3470 | 3122 | 2705 | 2132 | |
| | | outriggers up | 9630 | 7664 | 6353 | 5420 | 4726 | 4193 | 3780 | 3470 | 3122 | 2705 | 2132 | |
| | LATERAL  | outriggers down | 9630 | 7664 | 6353 | 5420 | 4726 | 4193 | 3780 | 3470 | 3122 | 2705 | 2132 | |
| | | outriggers up | 8283* | 6229* | 4984* | 4146* | 3540* | 3082* | 2691* | 2346* | 2068* | 1844* | 1661* | |
| -3.0 m | FRONT  | outriggers down | 9913 | 7905 | 6573 | 5642 | 4947 | 4325 | 3761 | 3204 | 2590 | | | |
| | | outriggers up | 9913 | 7905 | 6573 | 5642 | 4947 | 4325 | 3761 | 3204 | 2590 | | | |
| | LATERAL  | outriggers down | 9913 | 7905 | 6573 | 5642 | 4947 | 4325 | 3761 | 3204 | 2590 | | | |
| | | outriggers up | 8257* | 6193* | 4948* | 4114* | 3498* | 2982* | 2590* | 2279* | 2029* | | | |

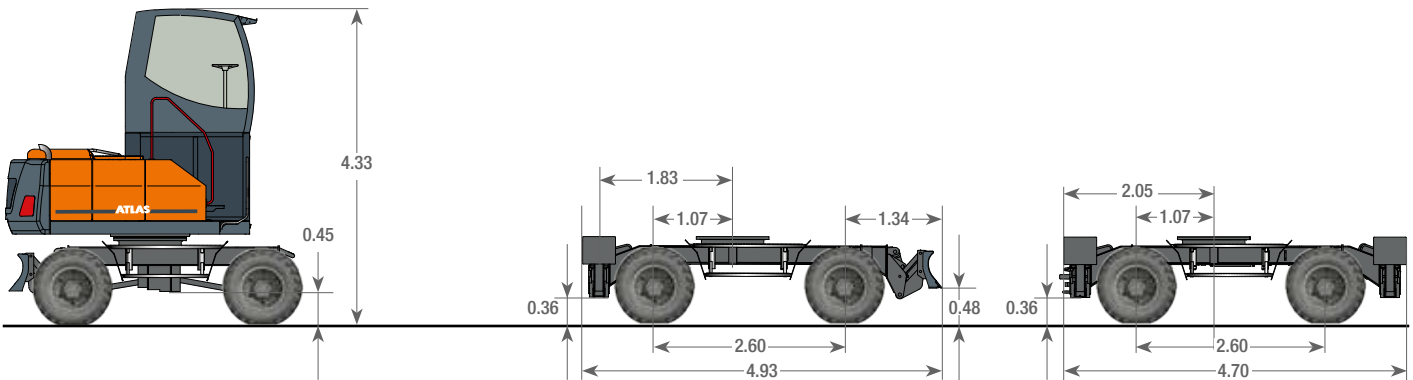
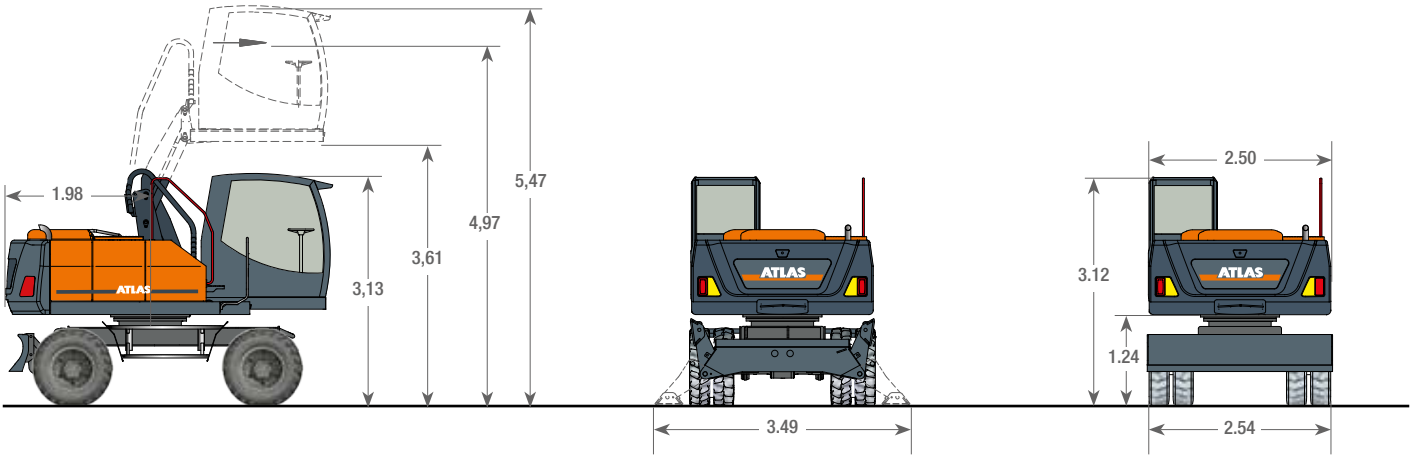
The specified max. loading capacities in kilogrammes (kg) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories (grab, magnet, load hook, etc.) are not included with the load carrying values.

*Value limited due to excavator stability.

All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

DIMENSIONS 160MH

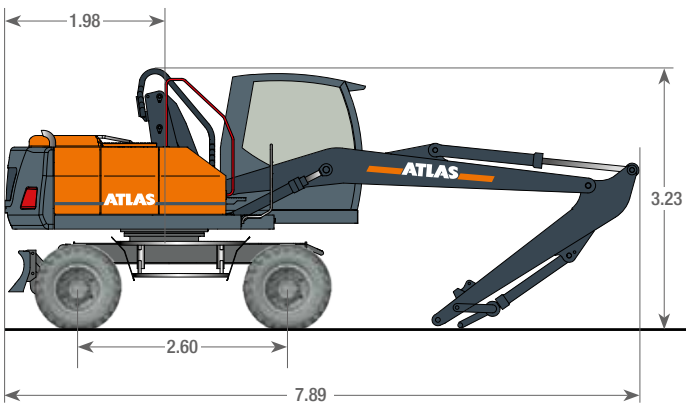
Dimensions



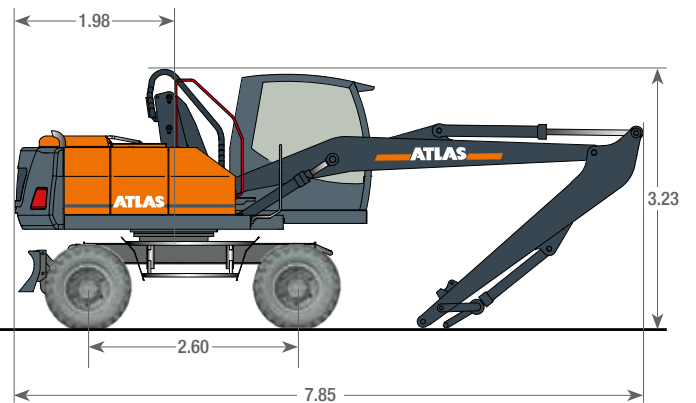
Undercarriage with combination support (support dozer blade and two outriggers)

Undercarriage with 4 outriggers

A4.2, C3.4MGG, D33, F31



A4.2, C3.4MGG, D331, F31



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