



ATLAS

SINCE 1919

**STABLE.
STRONG.
STEADY.**

-  16.7 – 19.1 t
-  95 kW (130 HP)
EU Stage V
-  0.7 - 1.1 m³



WHEELED EXCAVATOR 150W

ATLAS – CONSTRUCTION MACHINERY MANUFACTURER WITH TRADITION

From person to person

When Hinrich Weyhausen started selling construction and agricultural machinery in 1919, he discovered that the machines which his customers actually needed were not available. So he listened to them carefully and went about building the machines himself – exactly according to the requirements of the people who used his machines every day. He carried out pioneering work with a passion under the brand name of Atlas. His focus was always on the benefit of the machines. And nothing has changed for us in terms of this ideal today.




**Atlas will make you strong
with excellent products and
a comprehensive service.**



With highly motivated employees, a great deal of commitment and expertise ATLAS GmbH develops successful crane & excavator technologies. Numerous customers, engineers and experts all around the globe have made their contribution. The result is robust equipment to enable you to work more effectively and safely than ever before.

As our know-how grew, so too did our dealer and service network worldwide.

We can hence guarantee – in those days and today too – that we will always be on the spot when you need us.



Atlas manufactures a wide range of equipment for the construction, railroad, material handling and infrastructure industries. You will find more information on Atlas under www.atlasgmbh.com.

CONSTRUCTION



TRANSPORT



INFRASTRUCTURE



RECYCLING



CUSTOMER SATISFACTION IS OUR PRIORITY!

WE ARE COMMITTED

to providing our customers with highest quality products and services.

QUALITY STANDARDS AND CUSTOMER SATISFACTION

are measured in terms of service performance, reliability, relevance and timeliness.

OUR COMPANY'S MISSION, GOALS AND OBJECTIVES

are directed towards ongoing process improvement as a basis for strengthening our competitive position and for improving product quality and service standards.

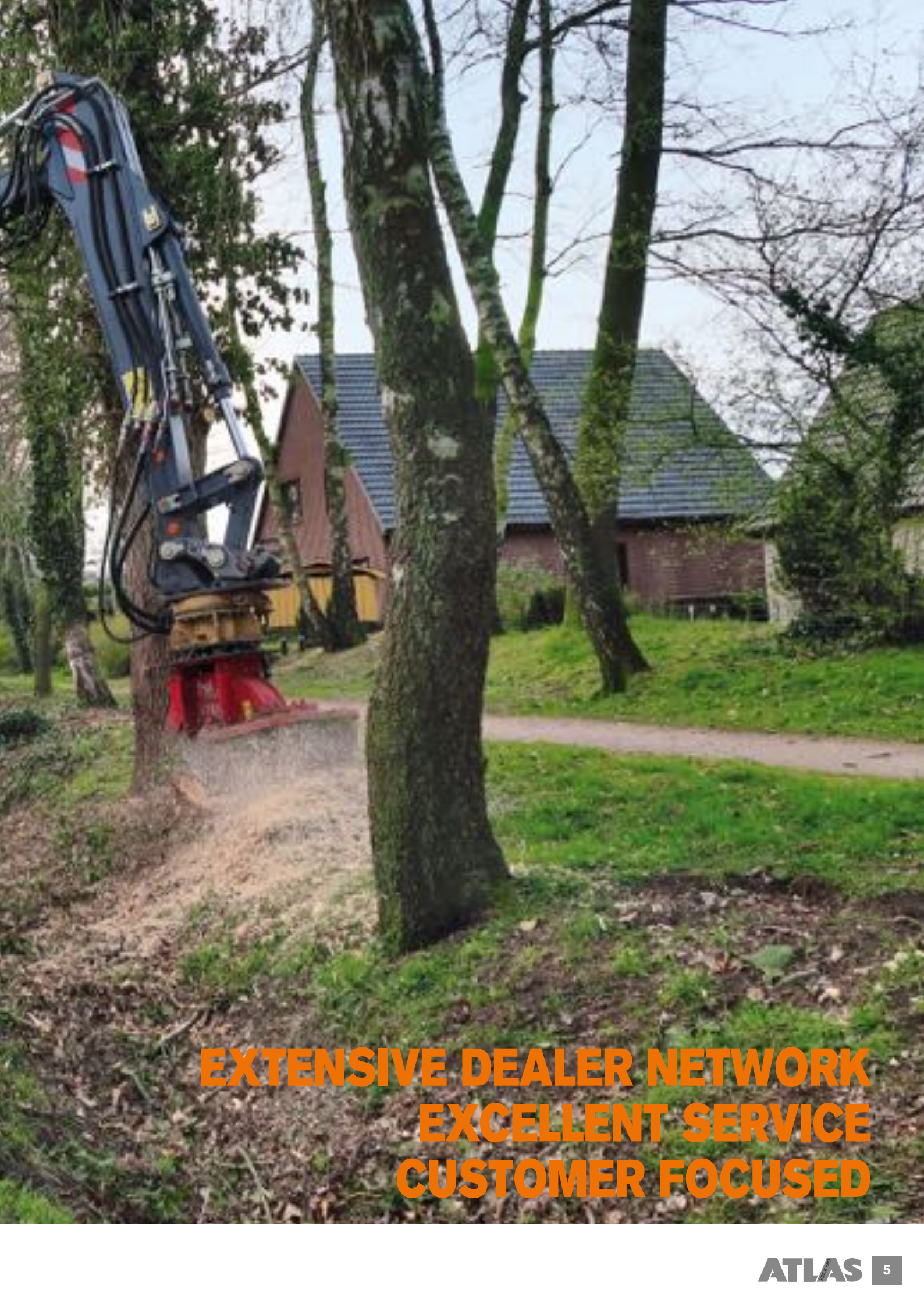
QUALITY STANDARDS AND CUSTOMER SATISFACTION

are measured in terms of product performance and reliability.

PRODUCT RANGE

150W





**EXTENSIVE DEALER NETWORK
EXCELLENT SERVICE
CUSTOMER FOCUSED**

ATLAS - The new excavator cabin



The new ATLAS cabin – Best climate, sharp display, digital and direct, more space, best view, extremely quiet, feel good

Clear control panel – Direct selection via keys or digital control via button.....



Move safely: Standard lateral- and rear view cameras



Most powerful air conditioning system - short airways - large lines - cross sections - silent



Best view – especially to the right



ATLAS SINCE 1939 - The new excavator cabin

Stay communicated - radio with USB connection - mobile phone tray by the left joystick



Easy: Upper carriage lock at the push of a button on T



Bottle holder near the driver



Lunch break - space for cool box with electrical connection - behind the driver's seat



Floor non-slip and Easy to sweep - storage space for tools and materials



TECHNICAL INFORMATION 150W

ENGINE

Power rating.....95 kW (130 HP)	Bore / cylinder stroke 101 / 126	STANDARD BASIC EQUIPMENT:
RPM 1800/min	Cooling system Water-cooled	• Automatic idling system / Engine stop
Model..... Deutz TCD 4.1 L4 EU Stage V	Air filter..... Dry air filter	• Cold start assistance
Design..... Turbocharger	Battery..... 2 x 12 V / 100 Ah	• Diesel pre-filter
Cylinder capacity 4038 cm ³	Generator 24 V / 100 A	• Engine monitoring
Number of cylinders 4	Starter..... 24 V / 4 kW	

HYDRAULIC SYSTEM

• AWE 5 system (Load sensing)	• Pipe break protection valves for lifting and articulated cylinders	• Operating modes:
• Load limit controlled high-performance pump	• Proportional grab and grab rotating function	F1 (Fine)
• Fuel-efficient flow-on-demand control	• 3 circuits for additional consumer loads possible	F2 (Eco)
• Sensitive, proportional, independent control	• Max. oil flow 240 l/min	F3 (Power)
• Primary and secondary protection against overload	• Max. operating pressure 350 bar	• Accumulator for emergency lowering of the arm system
• Suction valves for all work functions	• Cylinder end position damping	• Load-limit control

SWING ASSEMBLY

• Axial piston motor with priority valve	• Automatically controlled multi-disc brake	• Swing torque 41 kNm
• Planetary transmission	• Two, two-stage valves	• Max. swing speed 9/min

TRACTION DRIVE AND BRAKES

• Variable displacement motor	• Automotive traveling and cruise control:	• Tractive force..... 92.7 kN
• Power-shift transmission	• Max. speed 20 km/h	• 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

• Steering axle with automatic oscillating axle locking	• Heavy duty axles	• STD tires: Mitas 10.00-20 16PR EM23
• Additional axis locking via left joystick	• Toolbox in undercarriage	

TIRES

OPTIONAL:

• 4-road tyres 600/40 – 22.5 14PR Mitas	• 8-road tyres 10.00-20 16PR Nokia	• 8-road tyres 315/70 R22.5 Marked with a band, Grader type
• 4-road tyres 600/40 – 22.5 18PR Alliance	• 8-road tyres 10.00-20 16PR profile for asphalt use	• 8-road tyres 215/70 R22.5 Caliber Power Grip 23
• 4-road tyres 710/40 – 22.5 24PR Nokia	• 8-road tyres 10.00-20 Super elastic (up to 16 km/h)	

WORKING EQUIPMENT 150W

DRIVER'S CAB

<ul style="list-style-type: none"> • Meets latest safety standards (ROPS) • Extra large entry zone • Spacious leg room • Radio preparation with mute function • Ready for electric cooling box • Different options for storage, compartment for documents • Heat-absorbing glass, tinted windows • Excellent all-way visibility • Bottle holder 	DRIVER'S SEAT: <ul style="list-style-type: none"> • Comfort seat with headrest • Arm rests and lumbar support • Seat adjustable separately from console • Air suspension • Heated • Horizontal and vertical suspension • Lumbar support 	MONITORING: <ul style="list-style-type: none"> • Operating data display screen • Automatic system for monitoring, warning and storage of data • Rear view security camera • Right side camera
	CONTROL: <ul style="list-style-type: none"> • Ergonomic joysticks with proportional slide control • Slim steering column, height and tilt adjustable • Indicators, controls and operating switches are clearly arranged • Swing axle lock in the left joystick 	CLIMATE CONTROL: <ul style="list-style-type: none"> • Automatic climate control • Excellent air distribution through optimally arranged nozzles • Refrigerant R134a
		SOUND LEVELS: <ul style="list-style-type: none"> • ISO 6396 (L_pA) in driver's cab 69 dB(A) • 2000/14 EG (L_wA) ambience level 97 dB(A)

ADDITIONAL EQUIPMENT

<ul style="list-style-type: none"> • Refueling pump • Beacon light • Gear protection • Cabin Sliding door • Cab protection guard • Wheel cover • Cab elevation • Joystick steering • 270° camera system • LED working lights 	<ul style="list-style-type: none"> • 35% axle differential lock • Patented trailer hitch • Alarm-signal while driving • Auxiliary heating with water circuit • Automatic working brake • Switch hydraulic attachment kit, supports separately at front and rear • Hydraulic add-on kit, switch supports axially separately • Proportional control of supports by slide in joystick • Automatically controlled and monitored electric central lubrication system for uppercarriage and arm equipment • Premium Driver seat (Actimo Evolution) 	<ul style="list-style-type: none"> • Electric cooling box • Radio with USB and Bluetooth • GPS/GSM telemetric system for monitoring of operating data, consumption, position • Biodegradable oil • Wide axles (overall width 2750 mm) • Wide dozer blade (2750 mm) • High-speed option 36 km/h • Additional counterweight: 630 kg
		Other additional equipment: See price list Special options: upon request

FILL CAPACITIES

• Fuel tank301 litres	• Engine oil..... 10 litres	• Hydraulic system.....220 litres
• Cooling system.....35 litres	• Hydraulic tank180 litres	• Ad Blue®32 litres

OPERATING WEIGHTS

	MONOBLOCK BOOM 4.32 m (C6.3M)		ADJUSTABLE BOOM Base arm 1.87 m (C6.41) Boom 3.10 m (C6.46)	
	Stick 2.15 m (D6.2)	Stick 2.65 m (D6.3)	Stick 2.15 m (D6.2)	Stick 2.65 m (D6.3)
Support dozer blade	16.7 - 17.7 t	16.8 - 17.8 t	17.0 - 18.0 t	17.1 - 18.1 t
SDB / outriggers	17.4 - 18.4 t	17.5 - 18.5 t	17.7 - 18.7 t	17.8 - 18.8 t
4 support outriggers	17.6 - 18.6 t	17.7 - 18.7 t	18.0 - 19.0 t	18.1 - 19.1 t

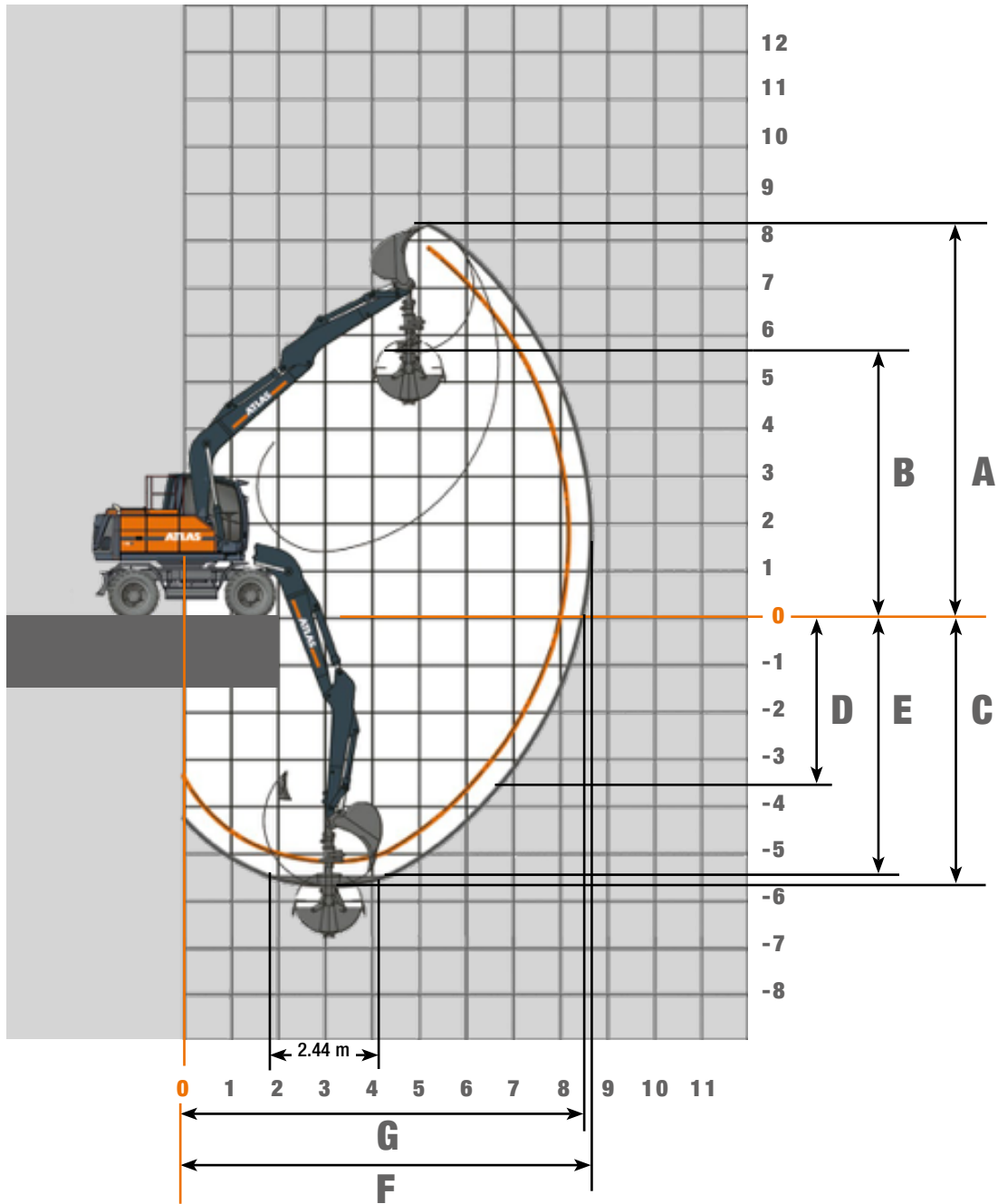
Operating weight incl. driver, fuel, lubricants and coolant plus 1.0 ton for attachments

ATTACHMENTS (SELECTION)

	Bucket F415	Bucket F418	Trench digger G644
Capacity SAE	0.67 m ³	0.92 m ³	0.56 m ³
Cutting width	850 mm	1100 mm	2000 mm

WORK AREAS 150W

Monoblock boom 4.32 m (C6.3M)





























STICK LENGTHS	2.15 m (D6.2)	2.65 m (D6.3)
A Max. cut-in height	8.10 m	8.35 m
B Max. pouring height	5.35 m	5.65 m
C Max. trench depth	5.20 m	5.70 m
D Max. vertical tapping depth	3.00 m	3.55 m
E Max. trench depth with 2.44-metre-wide base	4.95 m	5.50 m
F Max. reach	8.20 m	8.70 m
G Max. reach in the standing plane	8.05 m	8.50 m
Max. bucket digging force	130 kN	130 kN
Max. stick digging force	82 kN	72 kN


















Unit is equipped with monoblock boom 4.32 m (C6.3M).

LIFTING CAPACITIES 150W

Lifting Capacities Monoblock boom 4.32 m (C6.3 M) with Stick 2.15 m (D6.2). Max. Reach 8.20 m

Height	Undercarriage type		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
+ 5.0 m	FRONT 	SDB rear, supported						4226	4195		
	LATERAL 	SDB front, raised						4226	4195		
+ 4.0 m	FRONT 	SDB supported						4226	4183*		
	LATERAL 	SDB raised						4226	3694*		
+ 3.0 m	FRONT 	SDB rear, supported			6809	5963	5382	4964	4652	4418	4251
	LATERAL 	SDB front, raised			6809	5963	5382	4964	4652	4418	4251
+ 2.0 m	FRONT 	SDB supported			6809	5963	5382	4636*	4051*	3579*	3185*
	LATERAL 	SDB raised			6711*	5555*	4713*	4072*	3566*	3154*	2808*
+ 1.0 m	FRONT 	SDB rear, supported			8168	6915	6067	5460	5008	4660	4386
	LATERAL 	SDB front, raised			8168	6915	6067	5460	5008	4660	4386
+ 0 m	FRONT 	SDB supported			7377*	6112*	5194*	4497*	3949*	3507*	3139*
	LATERAL 	SDB raised			6338*	5299*	4529*	3937*	3467*	3084*	2763*
- 1.0 m	FRONT 	SDB rear, supported			8919	7551	6570	5844	5289	4849	4480
	LATERAL 	SDB front, raised			8919	7551	6570	5844	5289	4849	4473*
- 2.0 m	FRONT 	SDB supported			7126*	5913*	5040*	4379*	3860*	3440*	3094*
	LATERAL 	SDB raised			6099*	5108*	4381*	3823*	3380*	3019*	2719*
- 3.0 m	FRONT 	SDB rear, supported		7473	9006	7733	6759	5999	5392	4885	4143
	LATERAL 	SDB front, raised		7473	9006	7733	6759	5999	5392	4885	4143
- 4.0 m	FRONT 	SDB supported		7473	7026*	5807*	4947*	4302*	3799*	3398*	3075*
	LATERAL 	SDB raised		7473	6005*	5007*	4291*	3749*	3321*	2978*	2701*
- 5.0 m	FRONT 	SDB rear, supported	8120	9990	8609	7495	6594	5853	5219	4614	
	LATERAL 	SDB front, raised	8120	9990	8609	7495	6594	5853	5219	4614	
- 6.0 m	FRONT 	SDB supported	8120	8936*	7032*	5795*	4928*	4285*	3790*	3404*	
	LATERAL 	SDB raised	8120	7541*	6010*	4995*	4273*	3732*	3313*	2984*	
- 7.0 m	FRONT 	SDB rear, supported	10191	8825	7706	6768	5961	5228	4445		
	LATERAL 	SDB front, raised	10191	8825	7706	6768	5961	5228	4445		
- 8.0 m	FRONT 	SDB supported	10191	8825	7099*	5845*	4968*	4326*	3846*		
	LATERAL 	SDB raised	10191	7631*	6074*	5043*	4312*	3772*	3367*		
- 9.0 m	FRONT 	SDB rear, supported	7787	6855	6019	5220	4339				
	LATERAL 	SDB front, raised	7787	6855	6019	5220	4339				
- 10.0 m	FRONT 	SDB supported	7787	6855	6019	5220	4339				
	LATERAL 	SDB raised	7787	6855	6019	5165*	4339				

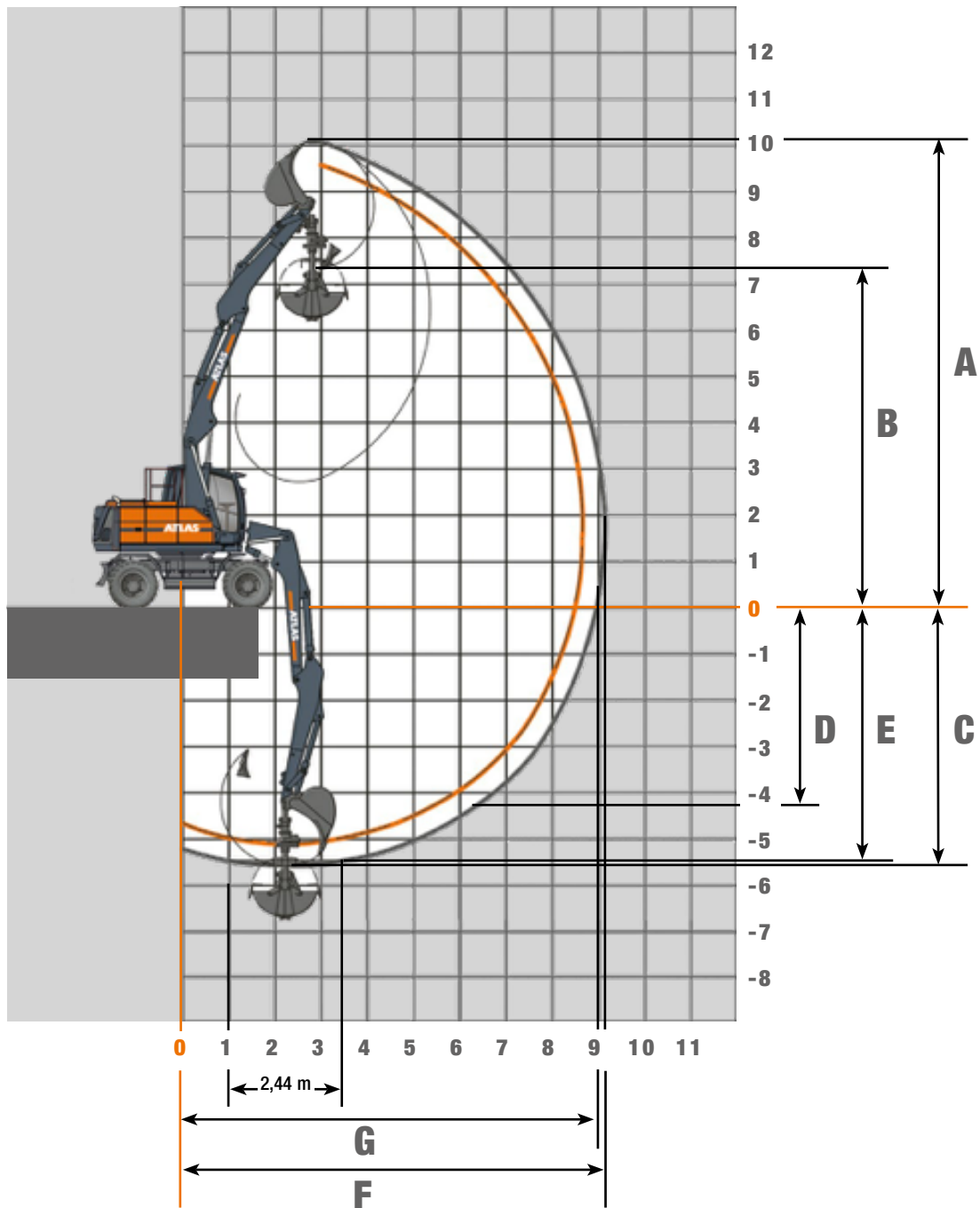
Lifting Capacities Monoblock boom 4.32 m (C6.3M) with Stick 2.65 m (D6.3). Max. Reach 8.70 m

Height	Undercarriage type		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
+ 5.0 m	FRONT 	SDB rear, supported							3748	3762	1902	
	LATERAL 	SDB front, raised							3748	3762	1902	
+ 4.0 m	FRONT 	SDB supported							3748	3713*	1902	
	LATERAL 	SDB raised							3748	3283*	1902	
+ 3.0 m	FRONT 	SDB rear, supported						4075	3958	3870	3817	
	LATERAL 	SDB front, raised						4075	3958	3870	3817	
+ 2.0 m	FRONT 	SDB supported						4075	3958	3678*	3256*	
	LATERAL 	SDB raised						4075	3697*	3249*	2876*	
+ 1.0 m	FRONT 	SDB rear, supported			7464	6394	5660	5129	4729	4420	4176	3896
	LATERAL 	SDB front, raised			7464	6394	5660	5129	4729	4420	4176	3896
+ 0 m	FRONT 	SDB supported			7464	6192*	5245*	4529*	3970*	3519*	3146*	2832*
	LATERAL 	SDB raised			6458*	5372*	4576*	3967*	3485*	3094*	2769*	2493*
- 1.0 m	FRONT 	SDB rear, supported			8523	7212	6287	5607	5091	4685	4356	4027
	LATERAL 	SDB front, raised			8523	7212	6287	5607	5091	4685	4356	4024*
- 2.0 m	FRONT 	SDB supported			7172*	5943*	5057*	4387*	3860*	3436*	3085*	2790*
	LATERAL 	SDB raised			6141*	5135*	4396*	3829*	3379*	3013*	2709*	2452*
- 3.0 m	FRONT 	SDB rear, supported		7828	8936	7618	6638	5891	5305	4831	4427	2926
	LATERAL 	SDB front, raised		7828	8936	7618	6638	5891	5305	4831	4418*	2926
- 4.0 m	FRONT 	SDB supported		7828	6995*	5789*	4930*	4284*	3779*	3373*	3039*	2767*
	LATERAL 	SDB raised		7435*	5972*	4987*	4273*	3729*	3300*	2952*	2664*	2430*
- 5.0 m	FRONT 	SDB rear, supported		10073	8813	7598	6655	5906	5293	4769	4270	
	LATERAL 	SDB front, raised		10073	8813	7598	6655	5906	5293	4769	4270	
- 6.0 m	FRONT	SDB supported		8813*	6946*	5730*	4872*	4234*	3740*	3348*	3034*	
	LATERAL	SDB raised		7423*	5927*	4930*	4217*	3681*	3263*	2928*	2659*	
- 7.0 m	FRONT	SDB rear, supported	10511	9541	8197	7139	6281	5560	4923	4279		
	LATERAL	SDB front, raised	10511	9541	8197	7139	6281	5560	4923	4279		
- 8.0 m	FRONT	SDB supported	10511	8879*	6983*	5750*	4885*	4246*	3758*	3379*		
	LATERAL	SDB raised	10028*	7485*	5961*	4950*	4230*	3693*	3280*	2958*		
- 9.0 m	FRONT	SDB rear, supported	9333	8003	6953	6076	5298	4539				
	LATERAL	SDB front, raised	9333	8003	6953	6076	5298	4539				
- 10.0 m	FRONT	SDB supported	9333	8003	6953	5839*	4965*	4329*				
	LATERAL	SDB raised	9333	7618*	6064*	5034*	4307*	3773*				

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.

WORK AREAS 150W

Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.10 m (C6.46)





















STICK LENGTHS	2.15 m (D6.2)	2.65 m (D6.3)
A Max. cut-in height	9.70 m	10.10 m
B Max. pouring height	6.95 m	7.35 m
C Max. trench depth	5.10 m	5.60 m
D Max. vertical tapping depth	3.80 m	4.30 m
E Max. trench depth with 2.44-metre-wide base	5.00 m	5.50 m
F Max. reach	8.70 m	9.20 m
G Max. reach in the standing plane	8.55 m	9.05 m
Max. bucket digging force	130 kN	130 kN
Max. stick digging force	82 kN	72 kN






Unit is equipped with standard adjustable boom: base arm 1.87 m (C6.41) and boom 3.10 m (C6.46).

LIFTING CAPACITIES 150W

Lifting Capacities Adjustable Boom: Base arm 1.87 m (C6.41) and Boom 3.10 m (C6.46) with Stick 2.15 m (D6.2). Max. Reach 8.70 m

Height	Undercarriage type		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
+ 6.0 m	FRONT 	SDB rear, supported		5379	5440	5095	4826	4616	4463			
		SDB front, raised		5379	5440	5095	4826	4616	4463			
	QUER 	SDB supported		5379	5440	5095	4826	4616	4156*			
		SDB raised		5379	5440	5095	4826	4264*	3668*			
+ 5.0 m	FRONT 	SDB rear, supported	5060	5667	5860	5420	5035	4729	4484	4291	3873	
		SDB front, raised	5060	5667	5860	5420	5035	4729	4484	4291	3873	
	QUER 	SDB supported	5060	5667	5860	5420	5035	4729	4154	3651*	3155*	
		SDB raised	5060	5667	5860	5420	4903	4239*	3716	3223*	2776*	
+ 4.0 m	FRONT 	SDB rear, supported	7451	7746	6843	6047	5467	5024	4675	4395	4166	
		SDB front, raised	7451	7746	6843	6047	5467	5024	4675	4395	4166	
	QUER 	SDB supported	7451	7746	6843	6047	5403*	4675*	4115*	3662*	3196*	
		SDB raised	7451	7746	6797*	5649*	4813*	4184*	3687*	3253*	2816*	
+ 3.0 m	FRONT 	SDB rear, supported	7391	7638	7554	6811	5993	5392	4929	4561	4257	3994
		SDB front, raised	7391	7638	7554	6811	5993	5392	4929	4561	4257	3994
	QUER 	SDB supported	7391	7638	7481*	6215*	5302*	4612*	4072*	3643*	3189*	2793*
		SDB raised	7391	7638	6612*	5528*	4734	4127*	3656*	3239*	2809*	2453*
+ 2.0 m	FRONT 	SDB rear, supported	8918	8725	8211	7380	6415	5699	5146	4704	4335	4007
		SDB front, raised	8918	8725	8211	7380	6415	5699	5146	4704	4335	3988
	QUER 	SDB supported	8918	8725	7361*	6127*	5238	4571*	4050*	3612*	3147*	2766*
		SDB raised	8918	8078*	6520*	5454*	4680*	4100*	3650*	3183*	2768*	2426*
+ 1.0 m	FRONT 	SDB rear, supported	10340	9574	8637	7499	6554	5818	5228	4745	4343	4009
		SDB front, raised	10340	9574	8637	7499	6554	5818	5228	4745	4343	3954*
	QUER 	SDB supported	10340	9230*	7360*	6116*	5231*	4578*	4077*	3523*	3080*	2722*
		SDB raised	10340	8081*	6513*	5445*	4684*	4114*	3587*	3096*	2703*	2384*
+ 0 m	FRONT 	SDB rear, supported	12222	10494	8812	7523	6565	5825	5236	4763	4382	3763
		SDB front, raised	12222	10494	8812	7523	6565	5825	5236	4763	4382	3763
	QUER 	SDB supported	12222	9321	7431*	6182*	5266*	4550*	3935*	3418*	3008*	2688*
		SDB raised	10631*	8053*	6469*	5387*	4594*	3984*	3450*	2995*	2632*	2351*
- 1.0 m	FRONT 	SDB rear, supported	13514	10753	8912	7607	6640	5901	5349	4766	3982	
		SDB front, raised	13514	10753	8912	7607	6640	5901	5349	4766	3982	
	QUER 	SDB supported	12601*	9286*	7344*	6062*	5147*	4404*	3802*	3332*	2969*	
		SDB raised	10427*	7860*	6300*	5245*	4479*	3844*	3320*	2911*	2594*	
- 2.0 m	FRONT 	SDB rear, supported	13813	11003	9158	7855	6786	5841	4889	3701		
		SDB front, raised	13813	11003	9158	7855	6786	5841	4889	3701		
	QUER 	SDB supported	12543*	9216*	7278*	5974*	4997*	4281*	3735*	3313*		
		SDB raised	10374*	7794*	6237*	5160*	4335*	3724*	3255*	2892*		

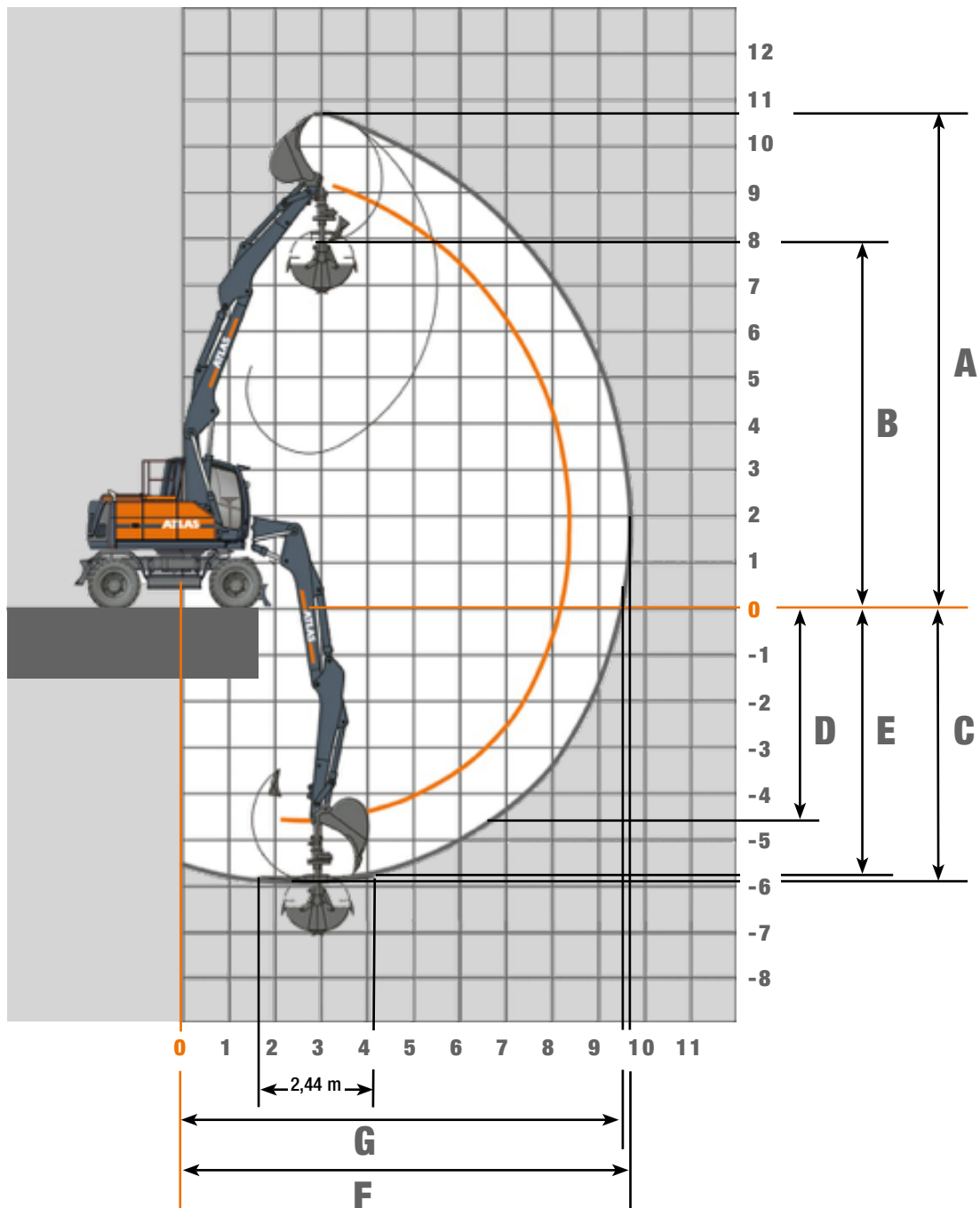
Lifting Capacities Adjustable Boom: Base arm 1.87 m (C6.41) and Boom 3.10 m (C6.46) with Stick 2.65 m (D6.3). Max. Reach 9.20 m

Height	Undercarriage type		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
+ 6.0 m	FRONT 	SDB rear, supported			4334	4515	4407	4239	4103	4001			
		SDB front, raised			4334	4515	4407	4239	4103	4001			
	LATERAL 	SDB supported			4334	4515	4407	4239	4103	3690*			
		SDB raised			4334	4515	4407	4239	3754*	3265*			
+ 5.0 m	FRONT 	SDB rear, supported		3957	4449	4648	4637	4391	4187	4017	3879	3132	
		SDB front, raised		3957	4449	4648	4637	4391	4187	4017	3879	3132	
	LATERAL 	SDB supported		3957	4449	4648	4637	4391	4173*	3691	3266*	2845*	
		SDB raised		3957	4449	4648	4637	4267*	3733*	3304*	2887*	2504*	
+ 4.0 m	FRONT 	SDB rear, supported	5224	5553	5732	5558	5083	4710	4411	4164	3959	3786	
		SDB front, raised	5224	5553	5732	5558	5083	4710	4411	4164	3959	3786	
	LATERAL 	SDB supported	5224	5553	5732	5558	5083	4693*	4120*	3659	3282*	2877*	
		SDB raised	5224	5553	5732	5558	4838*	4195*	3689*	3282*	2909*	2537*	
+ 3.0 m	FRONT 	SDB rear, supported	7216	7569	7357	6358	5649	5117	4703	4371	4096	3861	3650
		SDB front, raised	7216	7569	7357	6358	5649	5117	4703	4371	4096	3861	3631*
	LATERAL 	SDB supported	7216	7569	7357	6230*	5308*	4605	4057*	3620*	3266*	2869*	2527*
		SDB raised	7216	7569	6644*	5538*	4729*	4118	3639*	3253*	2895*	2529*	2218*
+ 2.0 m	FRONT 	SDB rear, supported	9000	8792	8133	7069	6165	5495	4979	4566	4226	3934	3665
		SDB front, raised	9000	8792	8133	7069	6165	5495	4979	4566	4226	3934	3607*
	LATERAL 	SDB supported	9000	8792	7336*	6105*	5212*	4539*	4017*	3597	3227*	2834*	2503*
		SDB raised	9000	8045*	6487	5426*	4655*	4065*	3606*	3243	2850*	2492*	2194*
+ 1.0 m	FRONT 	SDB rear, supported	9804	9227	8484	7409	6454	5722	5146	4679	4288	3949	3655
		SDB front, raised	9804	9227	8484	7409	6454	5722	5146	4679	4288	3938*	3570*
	LATERAL 	SDB supported	9804	9124*	7286*	6054*	5174	4515*	4010*	3613*	3153*	2776*	2463*
		SDB raised	9804	7991	6437*	5389	4625	4052*	3612*	3190*	2774*	2435*	2154*
+ 0 m	FRONT 	SDB rear, supported	11381	10082	8684	7421	6479	5747	5162	4685	4292	3973	3446
		SDB front, raised	11381	10082	8684	7421	6479	5747	5162	4685	4292	3935*	3446
	LATERAL 	SDB supported	11381	9181	7314*	6079*	5206*	4556	4010*	3494*	3059*	2709*	2429*
		SDB raised	10617*	8044*	6479*	5419	4632*	4014*	3521*	3067*	2681*	2369*	2121*
- 1.0 m	FRONT 	SDB rear, supported	12927	10568	8760	7477	6522	5785	5203	4752	4326	3707	
		SDB front, raised	12927	10568	8760	7477	6522	5785	5203	4752	4326	3707	
	LATERAL 	SDB supported	12485	9307*	7361*	6074*	5155*	4461*	3869*	3371*	2973*	2664*	
		SDB raised	10440*	7876*	6314*	5255*	4485*	3897*	3384*	2947*	2597*	2325*	
- 2.0 m	FRONT 	SDB rear, supported	13520	10753	8917	7619	6670	5959	5285	4569	3652		
		SDB front, raised	13520	10753	8917	7619	6670	5959	5285	4569	3652		
	LATERAL 	SDB supported	12473*	9169*	7240*	5972*	5065*	4312*	3738*	3291*	2941*		
		SDB raised	10306*	7748*	6198*	5157*	4398*	3752*	3257*	2870*	2565*		

The specified max. loading capacities in kilograms (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.

WORK AREAS 150W

Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.62 m (C6.461)



STICK LENGTHS	2.15 m (D6.2)	2.65 m (D6.3)
A Max. cut-in height	10.30 m	10.75 m
B Max. pouring height	6.45 m	7.95 m
C Max. trench depth	5.35 m	5.96 m
D Max. vertical tapping depth	4.10 m	4.70 m
E Max. trench depth with 2.44-metre-wide base	5.20 m	5.80 m
F Max. reach	8.25 m	9.75 m
G Max. reach in the standing plane	8.10 m	9.60 m
Max. bucket digging force	130 kN	130 kN
Max. stick digging force	82 kN	72 kN


Unit is equipped with standard adjustable boom: base arm 1.87 m (C6.41) and boom 3.62 m (C6.461).

LIFTING CAPACITIES 150W

Lifting capacities Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.62 m (C6.461) with stick 2.15 m (D6.2). Max reach 8.70 m

Height	Undercarriage type		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
+6.0 m	FRONT 	SDB rear, supported			5424	4989	4646	4374	4155	3985	3880		
		SDB front, raised			5424	4989	4646	4374	4155	3985	3880		
	LATERAL 	SDB supported			5424	4989	4646	4374	4112*	3618*	3113*		
		SDB raised			5424	4989	4646	4212*	3674*	3198*	2730*		
+5.0 m	FRONT 	SDB rear, supported	6246	6035	5411	4939	4571	4276	4037	3842	3693		
		SDB front, raised	6246	6035	5411	4939	4571	4276	4037	3842	3693		
	LATERAL 	SDB supported	6246	6035	5411	4939	4571	4070*	3606*	3203*	2771*		
		SDB raised	6246	6035	5411	4797	4149*	3640*	3226*	2818*	2427*		
+4.0 m	FRONT 	SDB rear, supported	6038	6473	6073	5396	4891	4499	4185	3928	3714	3533	
		SDB front, raised	6038	6473	6073	5396	4891	4499	4185	3928	3714	3533	
	LATERAL 	SDB supported	6038	6473	6073	5246*	4549	4007*	3564*	3203*	2809*	2446*	
		SDB raised	6038	6473	5479*	4676*	4069*	3589*	3196*	2845*	2465*	2136*	
+3.0 m	FRONT 	SDB rear, supported	5913	6307	6344	5887	5240	4748	4360	4043	3777	3542	
		SDB front, raised	5913	6307	6344	5887	5240	4748	4360	4043	3777	3541*	
	LATERAL 	SDB supported	5913	6307	5979*	5119	4463*	3944*	3527*	3186*	2803*	2453*	
		SDB raised	5913	6307	5317*	4566*	3989*	3536*	3168*	2833*	2459*	2142*	
+2.0 m	FRONT 	SDB rear, supported	6941	7225	7110	6722	6207	5490	4935	4493	4129	3820	3542
		SDB front, raised	6941	7225	7110	6722	6207	5490	4935	4493	4129	3820	3529*
	LATERAL 	SDB supported	6941	7225	7069*	5894*	5046*	4405	3907*	3505*	3168*	2765*	2430*
		SDB raised	6941	7225	6255*	5243	4505*	3946	3505*	3160*	2784*	2421*	2119*
+1.0 m	FRONT 	SDB rear, supported	7072	8254	7777	7104	6242	5543	4983	4523	4139	3815	3551
		SDB front, raised	7072	8254	7777	7104	6242	5543	4983	4523	4139	3815	3507*
	LATERAL 	SDB supported	7072	8254	7083*	5889	5038*	4401*	3910*	3536*	3088*	2704*	2388*
		SDB raised	7072	7776*	6261*	5239	4497*	3948*	3521*	3126*	2706*	2362*	2078*
+0 m	FRONT 	SDB rear, supported	9149	9544	8393	7186	6262	5552	4988	4529	4153	3861	3394
		SDB front, raised	9149	9544	8393	7186	6262	5552	4988	4529	4153	3861	3394
	LATERAL 	SDB supported	9149	9003	7156*	5942*	5085	4453*	3915*	3430*	2992*	2635*	2351*
		SDB raised	9149	7753*	6251*	5224*	4471*	3891*	3426*	3002*	2613*	2295*	2043*
-1.0 m	FRONT 	SDB rear, supported	12517	10317	8533	7270	6333	5614	5048	4616	4221	3640	
		SDB front, raised	12517	10317	8533	7270	6333	5614	5048	4616	4221	3640	
	LATERAL 	SDB supported	12227*	9014*	7138*	5902*	5020*	4356*	3803*	3303*	2899*	2584*	
		SDB raised	10070*	7594*	6095*	5084*	4351*	3791*	3316*	2878*	2522*	2245*	
-2.0 m	FRONT 	SDB rear, supported	13226	10509	8706	7430	6495	5817	5171	4489	3632		
		SDB front, raised	13226	10509	8706	7430	6495	5817	5171	4489	3632		
	LATERAL 	SDB supported	12199*	8958*	7073*	5839*	4968*	4245*	3664*	3214*	2861*		
		SDB raised	10045*	7542*	6034*	5024*	4301*	3684*	3181*	2791*	2485*		

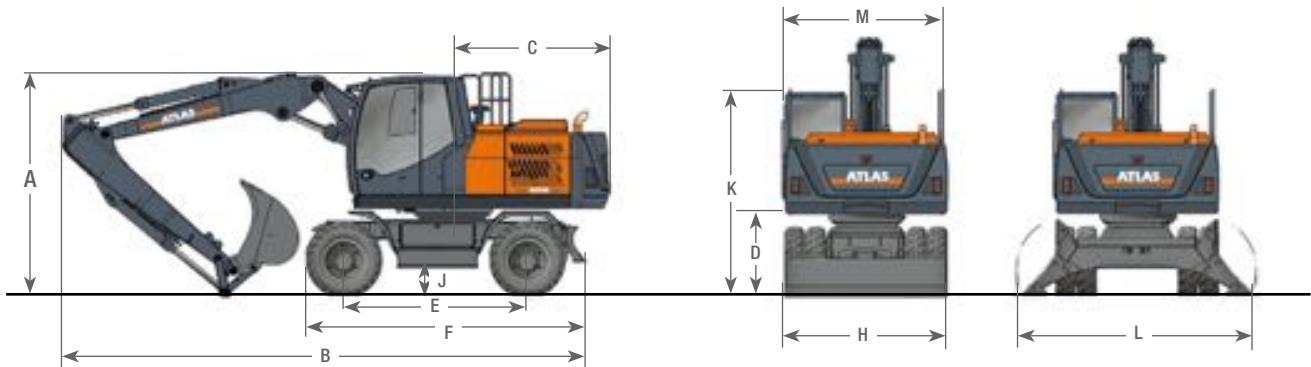
Lifting capacities Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.62 m (C6.461) with stick 2.65 m (D6.3). Max reach 9.20 m

Height	Undercarriage type		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 	SDB rear, supported			4489	4774	4595	4283	4027	3815	3638	3491	3373	
		SDB front, raised			4489	4774	4595	4283	4027	3815	3638	3491	3373	
	LATERAL 	SDB supported			4489	4774	4595	4283	4027	3620*	3231*	2885*	2511*	
		SDB raised			4489	4774	4595	4183*	3662*	3241*	2894*	2540*	2198*	
+4.0 m	FRONT 	SDB rear, supported	6276	6412	5630	5057	4618	4270	3989	3755	3558	3390	2778	
		SDB front, raised	6276	6412	5630	5057	4618	4270	3989	3755	3558	3390	2778	
	LATERAL 	SDB supported	6276	6412	5630	5057	4567*	4011*	3567*	3199*	2891*	2543*	2223*	
		SDB raised	6276	6412	5536*	4712*	4086*	3592*	3194*	2869*	2563*	2229*	1938*	
+3.0 m	FRONT 	SDB rear, supported	6044	6417	6376	5584	5000	4551	4193	3900	3655	3442	3248	
		SDB front, raised	6044	6417	6376	5584	5000	4551	4193	3900	3655	3442	3232	
	LATERAL 	SDB supported	6044	6417	6002*	5126*	4458*	3931*	3509*	3162*	2874*	2537*	2228*	
		SDB raised	6044	6376*	5338*	4569*	3986*	3521*	3149*	2841*	2552*	2224*	1943*	
+2.0 m	FRONT 	SDB rear, supported	7134	7311	7080	6737	6007	5320	4790	4370	4026	3737	3484	3249
		SDB front, raised	7134	7311	7080	6737	6007	5320	4790	4370	4026	3737	3484	3221*
	LATERAL 	SDB supported	7134	7311	7025*	5862*	5019*	4374*	3871*	3469*	3138*	2854*	2501*	2206*
		SDB raised	7134	7311	6222*	5216*	4479*	3917*	3473*	3115*	2829*	2508*	2189*	1921*
+1.0 m	FRONT 	SDB rear, supported	8017	7926	7571	7008	6172	5472	4914	4461	4084	3762	3483	3250
		SDB front, raised	8017	7926	7571	7008	6172	5472	4914	4461	4084	3762	3476	3183*
	LATERAL 	SDB supported	8017	7926	6995*	5814*	4977	4344*	3849*	3462*	3155*	2782*	2446*	2167*
		SDB raised	8017	7662*	6177*	5167*	4442*	3890*	3459*	3117*	2804*	2437*	2134*	1883*
+0 m	FRONT 	SDB rear, supported	9306	9015	8143	7067	6166	5468	4912	4457	4079	3762	3512	3123
		SDB front, raised	9306	9015	8143	7067	6166	5468	4912	4457	4079	3762	3498*	3123
	LATERAL 	SDB supported	9306	8834	7037	5841*	4992*	4364*	3881	3490*	3073*	2692*	2381*	2131*
		SDB raised	9306	7736	6220*	5197*	4465	3915*	3445*	3058*	2690*	2349*	2071*	1848*
-1.0 m	FRONT 	SDB rear, supported	11528	9990	8366	7131	6213	5505	4944	4490	4124	3831	3377	
		SDB front, raised	11528	9990	8366	7131	6213	5505	4944	4490	4124	3831	3377	
	LATERAL 	SDB supported	11528	8978*	7145*	5908*	5023*	4356*	3832*	3378*	2952*	2606*	2330*	
		SDB raised	10054*	7594*	6100*	5088*	4352*	3790*	3343*	2950*	2572*	2265*	2020*	
-2.0 m	FRONT 	SDB rear, supported	12904	10279	8510	7255	6323	5610	5070	4632	4131	3457		
		SDB front, raised	12904	10279	8510	7255	6323	5610	5070	4632	4131	3457		
	LATERAL 	SDB supported	12109*	8901*	7032*	5804*	4934*	4283*	3719*	3239*	2860*	2556*		
		SDB raised	9958*	7486*	5992*	4989*	4266*	3719*	3233*	2814*	2482*	2216*		
-3.0 m	FRONT 	SDB rear, supported	13292	10597	8806	7554	6583	5735	4940	4102	3030			
		SDB front, raised	13292	10597	8806	7554	6583	5735	4940	4102	3030			
	LATERAL 	SDB supported	12148*	8908*	7025*	5798*	4875*	4158*	3607*	3176*	2839*			
		SDB raised	9994*	7492*	5986*	4983*	4209*	3598*	3124*	2753*	2461*			

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.

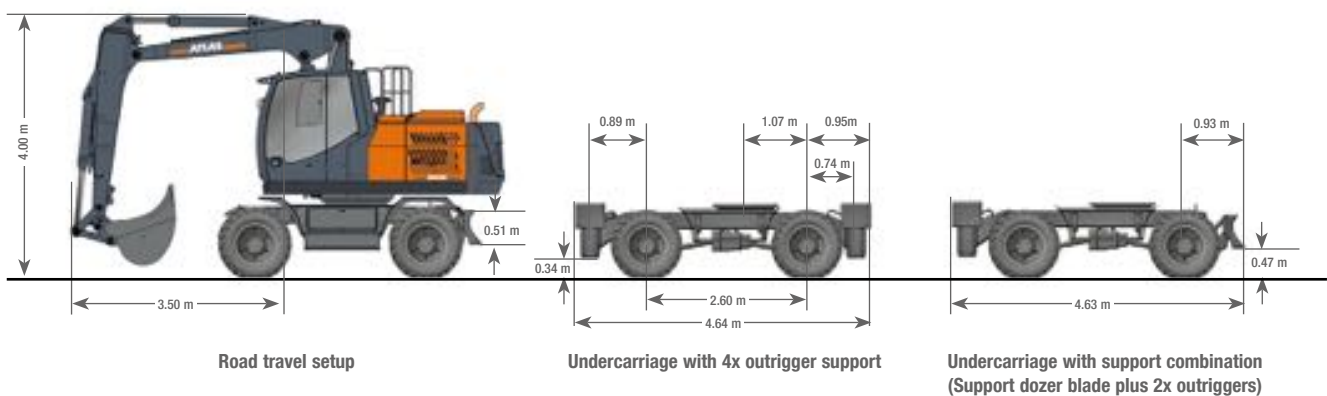
DIMENSIONS 150W

150W Transport position



A	TRANSPORT HEIGHT (with bucket)	C	TAIL SWING RADIUS2.24 m
	Adjustable boom* with stick 2.15 m3.15 m	D	CLEARANCE UNDER COUNTERWEIGHT1.27 m
	Adjustable boom* with stick 2.65 m3.15 m	E	WHEEL BASE2.60 m
	Monoblock boom 4.32 m with stick 2.15 m3.15 m	F	UNDERCARRIAGE LENGTH4.08 m
	Monoblock boom 4.32 m with stick 2.65 m3.15 m	H	DOZER BLADE WIDTH2.54 m
B	TRANSPORT LENGTH	Optional.....2.74 m	
	Adjustable boom* with stick 2.15 m7.76 m	J	GROUND CLEARANCE0.45 m
	Adjustable boom* with stick 2.65 m8.90 m	K	OVERALL HEIGHT OF CAB3.15 m
	Monoblock boom 4.32 m with stick 2.15 m7.60 m	L	OUTRIGGERS WIDTH (extended)3.50 m
	Monoblock boom 4.32 m with stick 2.65 m7.60 m	M	OVERALL WIDTH OF SUPERSTRUCTURE2.49 m

* Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.10 m (C6.46)



Road travel setup

Undercarriage with 4x outrigger support

Undercarriage with support combination
(Support dozer blade plus 2x outriggers)



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