

ATLAS

SINCE 1919

**STABLE.
STRONG.
STEADY.**

-  15.6 - 17.3 t
-  95 kW (130 HP)
-  0.7 - 1.1 m³



WHEELED EXCAVATOR 150W

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TECHNICAL INFORMATION 150W

Technical Information

ENGINE

Power rating.....95 kW (130 HP)	Cylinder capacity.....4038 cm ³	Air filterDry air filter
RPM.....1800/min	Number of cylinders.....4	Battery.....2x 12V 2x100 Ah
Make/model.....Deutz TCD 4.1 (Tier 4 Final)	Borehole/lift101/126	Alternator24V / 100 Ah
DesignTurbocharger/LLK	Cooling systemWater-cooled	Starter24 V / 4 kW

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.....240 l/min
• Fuel-efficient flow-on-demand control	• Pipe break protection valves for lifting and articulated cylinders	• Max. operating pressure350 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

A hydrostatic drive with a 2-tier planetary gear and an axial piston motor acts like a wear-resistant service brake. Additional spring-mechanism multi-disc brake as a parking brake.	Axial piston motor with priority valve	• Max. swing speed9/min
	Planetary transmission	• Swing torque41 kNm
	Automatically controlled multi-disc brake	

TRACTION DRIVE AND BRAKES

• Variable displacement motor	• Automotive drive and cruise control:	• Tractive force92.7 kN
• Power-shift transmission	• Maximum speed20 km/h	• Max. gradeability60%
• Double-acting brake valve	• Terrain speed5 km/h	• Dual circuit brake systemMulti-disc
• Driving direction pre-selection via buttons in joystick	• Crawling speed1 km/h	• Parking brakeMulti-disc
	• High-speed option35 km/h	• ZF axles

UNDERCARRIAGE

• 28 t special excavator axles	• 8 tyres10.00 - 20	• 4 tyres (optional)710 - 22.5
• Steering axle with automatic oscillating axle blocking		

FILL CAPACITIES

• Fuel tank301 litres	• Engine oil10 litres	• Hydraulics system220 litres
• Cooling system35 litres	• Hydraulic tank180 litres	• Ad Blue®32 litres

DRIVER'S CAB

• Meets latest safety standards ROPS	CONTROL:	CLIMATE CONTROL:
• Extra large entry zone	• Ergonomic joysticks with proportional slide control	• Air conditioning with Climatronic
• Spacious leg room	• Slim steering column, height and tilt adjustable	• Very good air distribution through optimally arranged nozzles
• Excellent circumferential visibility	• Indicators, controls and operating switches are clearly arranged	SOUND LEVELS:
• Preparation for radio installation with mute function		• ISO 6396 (L _{pA}) in driver's cab.....72 dB(A)
DRIVER'S SEAT:	MONITORING:	• 2000/14EG (L _{wA}) ambience level....97 dB(A)
• Air-cushioned comfort seat (optional seat heating)	• Operating data appears display	
• Arm rests and lumbar support	• Automatic system for monitoring, warning and storage of data	
• Seat adjustable separately from console		

WORKING EQUIPMENT 150W

Equipment

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	15.3 t	15.4 t	15.6 t	15.7 t
blade / outriggers	16.3 t	16.4 t	16.7 t	16.8 t
4 support outriggers	16.5 t	16.6 t	16.9 t	17.0 t

Operating weight with driver, completely filled implement and 1 ton for attachments.

EQUIPMENT

BASIC DEVICE Atlas 150W (can be combined)

- Wheel excavator 150W with support and dozerblade (SDB) and 2 lifting cylinders (A 5.2)

STANDARD EQUIPMENT:

- Slim steering column, height and tilt adjustable

- Wheel excavator 150W with quadruple claw support and 2 lifting cylinders (A 5.32)

Engine:

- Ready for electric cooling box

- Wheel excavator 150W with blade on rigid axle, 2 outriggers on steering axle and 2 lifting cylinders (A 5.33)

- Automatic idle
- Diesel pre-filter

- Different options for storage, compartment for documents

- Wheel excavator 150W with blade on steering axle, 2 outriggers on rigid axle and 2 lifting cylinders (A 5.35)

- Engine monitoring

- Seat adjustable separately from console

* SDB = support and dozer blade

- Cold start assistance

- Rear view security camera
- Right side camera
- Heat-absorbing glass, tinted windows
- Automotive drive and cruise control

BOOM:

- Monoblock boom with stick cylinder 4.32 m (C 6.3M)
- Adjustable boom consisting of the base arm 1.87 m (C 6.41) with adjustable cylinder and boom 3.10 m (C 6.46) with stick cylinder

Hydraulics:

- Proportional grab/grab rotating function
- Accumulator for emergency lowering of the arm system
- Pipe break protection valves for lifting and articulated cylinders
- Max. load-limit control
- Cylinder end-position damping

- Operating data display screen

STICKS:

- Stick 2.15 m (D 6.2)
- Stick 2.65 m (D 6.3)

EQUIPMENT:

- Joint bearings in stick and bucket cylinders
- Combined lubricating points for swing bearing and arm equipment

BUCKET TIPPING CYLINDER:

- Bucket tipping cylinder with bucket linkage (F 6.1)

Cab:

- Air conditioning with Climatronic
- Preparation for radio installation with mute function
- Slim steering column, height and tilt adjustable

UNDERCARRIAGE

- Power-shift transmission
- Wet disc brakes
- Tool box in the undercarriage

ADDITIONAL EQUIPMENT

Engine:

- Refueling pump
- Engine speed adjustment via potentiometer
- Auxiliary heating

Cab:

- Cab protection guard
- Beacon light
- Heated driver's seat
- Radio CD/MP3, front AUX in, USB
- Joystick steering

Undercarriage:

- Wide axles (overall width 2750 mm)
- Wide dozer blade (overall width 2750 mm)
- High-speed option 37 km/h
- Gear protection
- Wheel cover

Hydraulics:

- Hydraulic kit, to operate front and rear supports separately
- Hydraulic kit, to operate supports per axle separately
- Biodegradable oil
- 270° camera system

- Electric cooling box

- LED working-lights

- Cab elevation

- GPS/GSM telemetric system for monitoring of operating data, consumption, position

- Proportional control of supports by slide in joystick

Equipment:

- Automatically controlled and monitored electric central lubrication system for uppercarriage and arm equipment

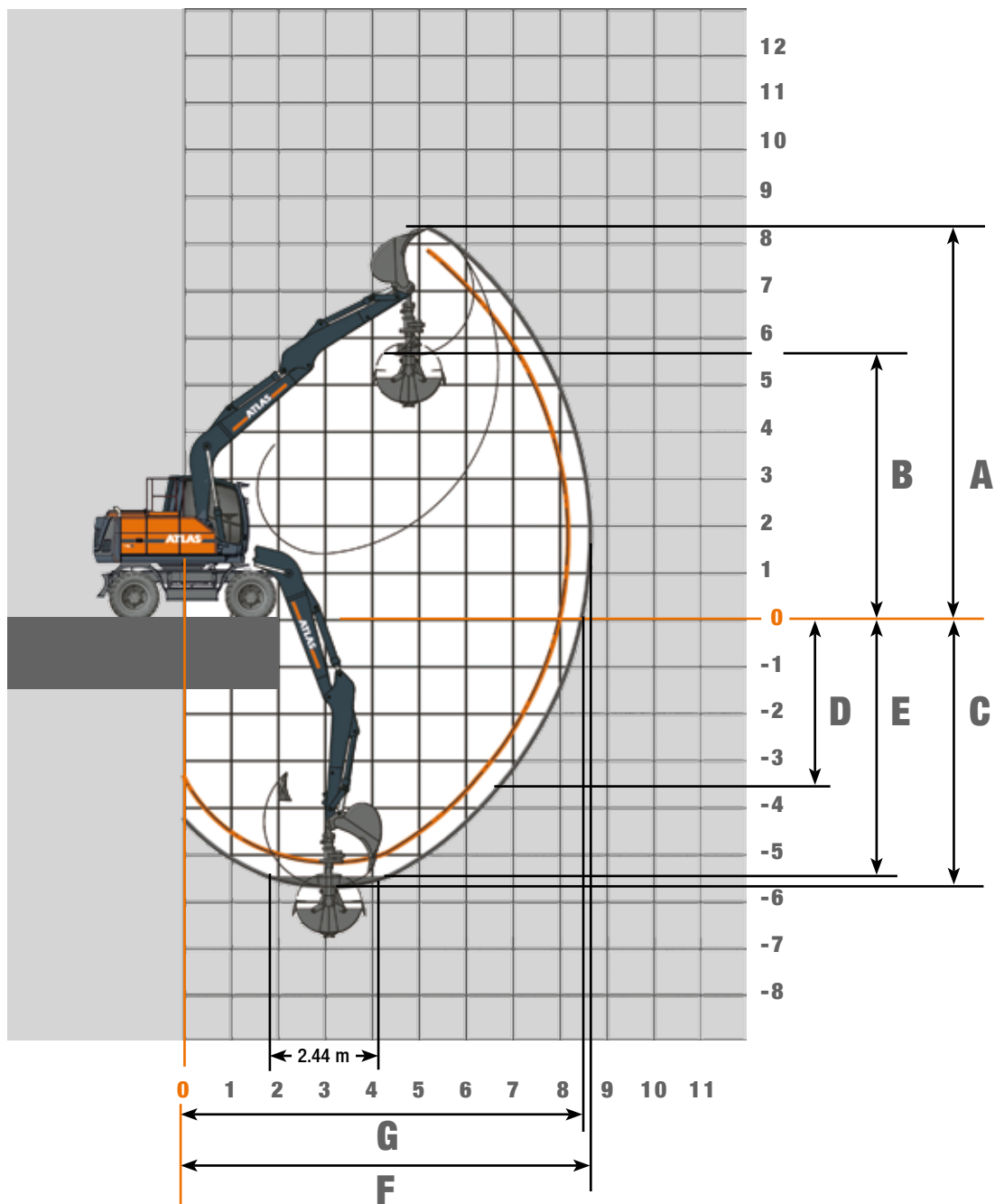
Other special equipment: See price list

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

WORK AREAS 150W

Work Areas 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 (C6.3M)

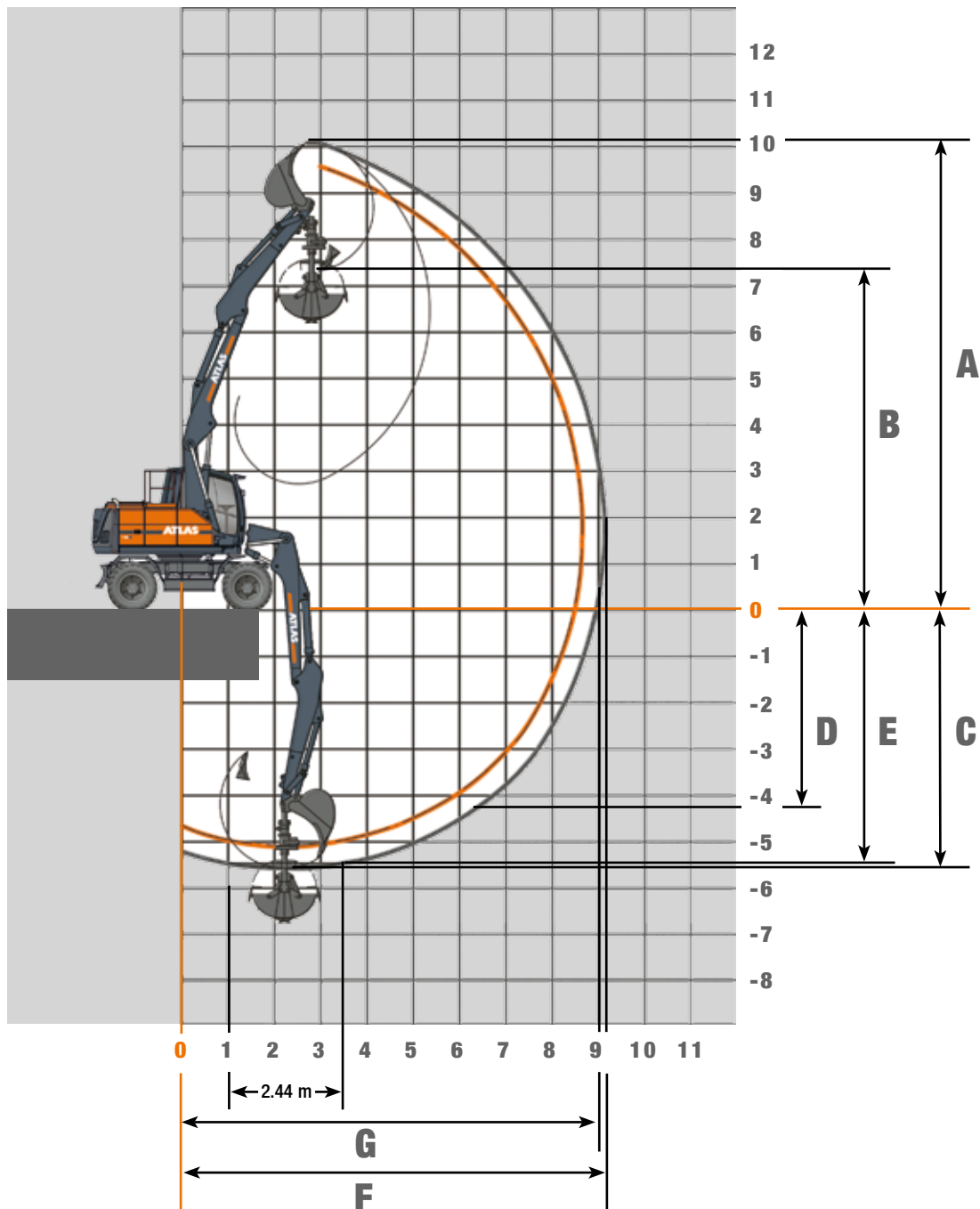
Lifting Capacities Monoblock boom 4.32 m (C6.3 M) with Stick 2.15 m (D6.2). Max. Reach 8.20 m											
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m
+ 5.0 m	FRONT 	SDB rear, supported						4226	4195		
	LATERAL 	SDB front, raised						4226	4195		
+ 4.0 m	FRONT 	SDB rear, supported					4729	4504	4338	4228	
	LATERAL 	SDB front, raised					4729	4504	4338	4228	
+ 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	
			SDB supported						3748	3713*	1902	
			SDB raised						3748	3283*	1902	
+ 4.0 m	FRONT		SDB rear, supported					4075	3958	3870	3817	
	LATERAL		SDB front, raised					4075	3958	3870	3817	
			SDB supported					4075	3958	3678*	3256*	
			SDB raised					4075	3697*	3249*	2876*	
+ 3.0 m	FRONT		SDB rear, supported			5351	4904	4571	4317	4120	3969	3152
	LATERAL		SDB front, raised			5351	4904	4571	4317	4120	3969	3152
			SDB supported			5351	4904	4571	4087*	3606*	3209*	2872*
			SDB raised			5351	4782*	4119*	3599*	3179*	2830*	2532*
+ 2.0 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
			SDB supported		7464	6192*	5245*	4529*	3970*	3519*	3146*	2832*
			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*
			SDB supported		7172*	5943*	5057*	4387*	3860*	3436*	3085*	2790*
			SDB raised		6141*	5135*	4396*	3829*	3379*	3013*	2709*	2452*
+ 0 m	FRONT		SDB rear, supported		7828	8936	7618	6638	5891	5305	4831	4427
	LATERAL		SDB front, raised		7828	8936	7618	6638	5891	5305	4831	4418*
			SDB supported		7828	6995*	5789*	4930*	4284*	3779*	3373*	3039*
			SDB raised		7435*	5972*	4987*	4273*	3729*	3300*	2952*	2664*
- 1.0 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
			SDB supported		8813*	6946*	5730*	4872*	4234*	3740*	3348*	3034*
			SDB raised		7423*	5927*	4930*	4217*	3681*	3263*	2928*	2659*
- 2.0 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	
			SDB supported	10511	8879*	6983*	5750*	4885*	4246*	3758*	3379*	
			SDB raised	10028*	7485*	5961*	4950*	4230*	3693*	3280*	2958*	
- 3.0 m	FRONT		SDB rear, supported	9333	8003	6953	6076	5298	4539			
	LATERAL		SDB front, raised	9333	8003	6953	6076	5298	4539			
			SDB supported	9333	8003	6953	5839*	4965*	4329*			
			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

Work Areas 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 meters	10.10 meters
B Max. pouring height	6.95 meters	7.35 meters
C Max. trench depth	5.10 meters	5.60 meters
D Max. vertical tapping depth	3.80 meters	4.30 meters
E Max. trench depth with 2.44-metre-wide base	5.00 meters	5.50 meters
F Max. reach	8.70 meters	9.20 meters
G Max. reach in the standing plane	8.55 meters	9.05 meters
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)

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			
	LATERAL		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
	LATERAL		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
	LATERAL		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
			SDB front, raised	7391	7638	7554	6811	5993	5392	4929	4561	4257
	LATERAL		SDB supported	7391	7638	7481*	6215*	5302*	4612*	4072*	3643*	3189*
			SDB raised	7391	7638	6612*	5528*	4734	4127*	3656*	3239*	2809*
+ 2.0 m	FRONT		SDB rear, supported	8918	8725	8211	7380	6415	5699	5146	4704	4335
			SDB front, raised	8918	8725	8211	7380	6415	5699	5146	4704	4335
	LATERAL		SDB supported	8918	8725	7361*	6127*	5238	4571*	4050*	3612*	3147*
			SDB raised	8918	8078*	6520*	5454*	4680*	4100*	3650*	3183*	2768*
+ 1.0 m	FRONT		SDB rear, supported	10340	9574	8637	7499	6554	5818	5228	4745	4343
			SDB front, raised	10340	9574	8637	7499	6554	5818	5228	4745	4343
	LATERAL		SDB supported	10340	9230*	7360*	6116*	5231*	4578*	4077*	3523*	3080*
			SDB raised	10340	8081*	6513*	5445*	4684*	4114*	3587*	3096*	2703*
+ 0 m	FRONT		SDB rear, supported	12222	10494	8812	7523	6565	5825	5236	4763	4382
			SDB front, raised	12222	10494	8812	7523	6565	5825	5236	4763	4382
	LATERAL		SDB supported	12222	9321	7431*	6182*	5266*	4550*	3935*	3418*	3008*
			SDB raised	10631*	8053*	6469*	5387*	4594*	3984*	3450*	2995*	2632*
- 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
	LATERAL		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	
	LATERAL		SDB supported	12543*	9216*	7276*	5974*	4997*	4281*	3735*	3313*	
			SDB raised	10374*	7794*	6237*	5160*	4335*	3724*	3255*	2892*	

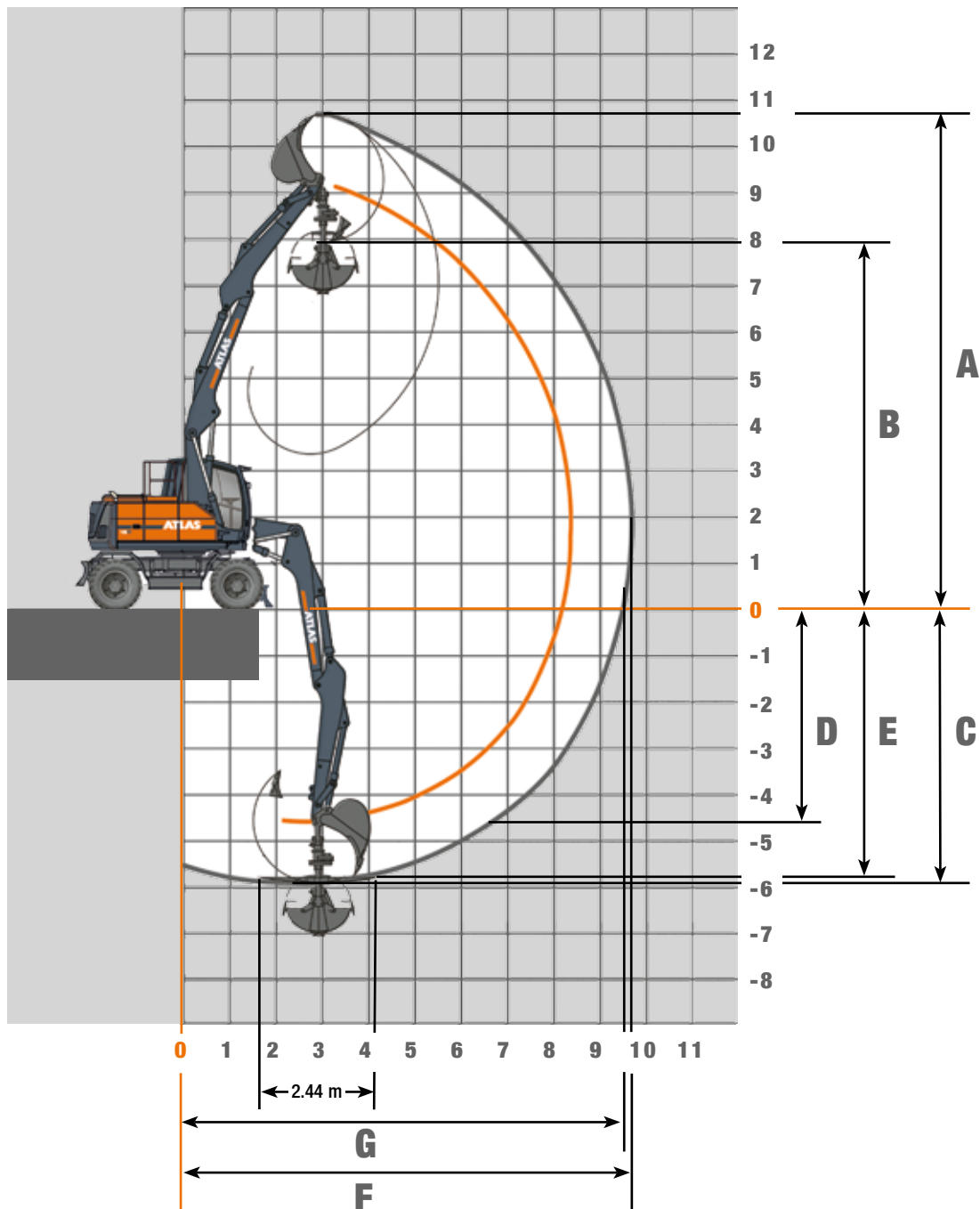
Lifting Capacities Adjustable Boom: Base arm 1.87 m (C6.41) and Boom 3.10 m (C6.46) with Stick 2.65 m (D6.3). Max. Reach 9.20 m

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	3650
			SDB front, raised	7216	7569	7357	6358	5649	5117	4703	4371	4096	3650
	LATERAL		SDB supported	7216	7569	7357	6230*	5308*	4605	4057*	3620*	3266*	2869*
			SDB raised	7216	7569	6644*	5538*	4729*	4118	3639*	3253*	2895*	2218*
+ 2.0 m	FRONT		SDB rear, supported	9000	8792	8133	7069	6165	5495	4979	4566	4226	3665
			SDB front, raised	9000	8792	8133	7069	6165	5495	4979	4566	4226	3607*
	LATERAL		SDB supported	9000	8792	7336*	6105*	5212*	4539*	4017*	3597	3227*	2503*
			SDB raised	9000	8045*	6487	5426*	4655*	4065*	3606*	3243	2850*	2194*
+ 1.0 m	FRONT		SDB rear, supported	9804	9227	8484	7409	6454	5722	5146	4679	4288	3655
			SDB front, raised	9804	9227	8484	7409	6454	5722	5146	4679	4288	3570*
	LATERAL		SDB supported	9804	9124*	7286*	6054*	5174	4515*	4010*	3613*	3153*	2463*
			SDB raised	9804	7991	6437*	5389	4625	4052*	3612*	3190*	2774*	2154*
+ 0 m	FRONT		SDB rear, supported	11381	10082	8684	7421	6479	5747	5162	4685	4292	3446
			SDB front, raised	11381	10082	8684	7421	6479	5747	5162	4685	4292	3446
	LATERAL		SDB supported	11381	9181	7314*	6079*	5206*	4556	4010*	3494*	3059*	2429*
			SDB raised	10617*	8044*	6479*	5419	4632*	4014*	3521*	3067*	2681*	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

Work Areas 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 meters	10.75 meters
B Max. pouring height	6.45 meters	7.95 meters
C Max. trench depth	5.35 meters	5.96 meters
D Max. vertical tapping depth	4.10 meters	4.70 meters
E Max. trench depth with 2.44-metre-wide base	5.20 meters	5.80 meters
F Max. reach	8.25 meters	9.75 meters
G Max. reach in the standing plane	8.10 meters	9.60 meters
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

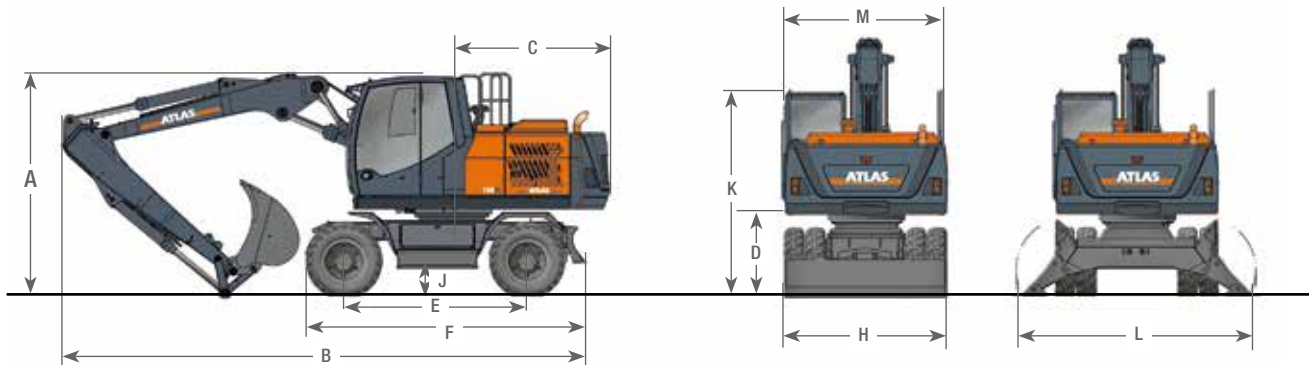
Lifting Capacities Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.62 m (C6.461)

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 SDB front, raised			5424 5424	4989 4989	4646 4646	4374 4374	4155 4155	3985 3985	3880 3880			
	LATERAL		SDB supported SDB raised			5424 5424	4989 4989	4646 4646	4374 4212*	4112* 3674*	3618* 3198*	3113* 2730*			
+ 5.0 m	FRONT		SDB rear, supported SDB front, raised		6246 6246	6035 6035	5411 5411	4939 4939	4571 4571	4276 4276	4037 4037	3842 3842	3693 3693		
	LATERAL		SDB supported SDB raised		6246 6246	6035 6035	5411 5411	4939 4797	4571 4149*	4070* 3640*	3606* 3226*	3203* 2818*	2771* 2427*		
+ 4.0 m	FRONT		SDB rear, supported SDB front, raised		6038 6038	6473 6473	6073 6073	5396 5396	4891 4891	4499 4499	4185 4185	3928 3928	3714 3714	3533 3533	
	LATERAL		SDB supported SDB raised		6038 6038	6473 6473	6073 5479*	5246* 4676*	4549 4069*	4007* 3589*	3564* 3196*	3203* 2845*	2809* 2465*	2446* 2136*	
+ 3.0 m	FRONT		SDB rear, supported SDB front, raised		5913 5913	6307 6307	6344 6344	5887 5887	5240 5240	4748 4748	4360 4360	4043 4043	3777 3777	3542 3541*	
	LATERAL		SDB supported SDB raised		5913 5913	6307 6307	5979* 5317*	5119 4566*	4463* 3989*	3944* 3536*	3527* 3168*	3186* 2833*	2803* 2459*	2453* 2142*	
+ 2.0 m	FRONT		SDB rear, supported SDB front, raised	6941 6941	7225 7225	7110 7110	6722 6722	6207 6207	5490 5490	4935 4935	4493 4493	4129 4129	3820 3820	3542 3529*	
	LATERAL		SDB supported SDB raised	6941 6941	7225 7225	7069* 6255*	5894* 5243	5046* 4505*	4405 3946	3907* 3505*	3505* 3160*	3168* 2784*	2765* 2421*	2430* 2119*	
+ 1.0 m	FRONT		SDB rear, supported SDB front, raised	7072 7072	8254 8254	7777 7777	7104 7104	6242 6242	5543 5543	4983 4983	4523 4523	4139 4139	3815 3815	3551 3507*	
	LATERAL		SDB supported SDB raised	7072 7072	8254 7776*	7083* 6261*	5889 5239	5038* 4497*	4401* 3948*	3910* 3521*	3536* 3126*	3088* 2706*	2704* 2362*	2388* 2078*	
+ 0 m	FRONT		SDB rear, supported SDB front, raised	9149 9149	9544 9544	8393 8393	7186 7186	6262 6262	5552 5552	4988 4988	4529 4529	4153 4153	3861 3861	3394 3394	
	LATERAL		SDB supported SDB raised	9149 9149	9003 7753*	7156* 6251*	5942* 5224*	5085 4471*	4453* 3891*	3915* 3426*	3430* 3002*	2992* 2613*	2635* 2295*	2351* 2043*	
- 1.0 m	FRONT		SDB rear, supported SDB front, raised	12517 12517	10317 10317	8533 8533	7270 7270	6333 6333	5614 5614	5048 5048	4616 4616	4221 4221	3640 3640		
	LATERAL		SDB supported SDB raised	12227* 10070*	9014* 7594*	7138* 6095*	5902* 5084*	5020* 4351*	4356* 3791*	3803* 3316*	3303* 2878*	2899* 2522*	2584* 2245*		
- 2.0 m	FRONT		SDB rear, supported SDB front, raised	13226 13226	10509 10509	8706 8706	7430 7430	6495 6495	5817 5817	5171 5171	4489 4489	3632 3632			
	LATERAL		SDB supported SDB raised	12199* 10045*	8958* 7542*	7073* 6034*	5839* 5024*	4968* 4301*	4245* 3684*	3664* 3181*	3214* 2791*	2861* 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 SDB front, raised			4489 4489	4774 4774	4595 4595	4283 4283	4027 4027	3815 3815	3638 3638	3491 3491	3373 3373	
	LATERAL		SDB supported SDB raised			4489 4489	4774 4774	4595 4595	4283 4183*	4027 3662*	3620* 3241*	3231* 2894*	2885* 2540*	2511* 2198*	
+ 4.0 m	FRONT		SDB rear, supported SDB front, raised		6276 6276	6412 6412	5630 5630	5057 5057	4618 4618	4270 4270	3989 3989	3755 3755	3558 3558	3390 3390	2778 2778
	LATERAL		SDB supported SDB raised		6276 6276	6412 6412	5630 5536*	5057 4712*	4567* 4086*	4011* 3592*	3567* 3194*	3199* 2869*	2891* 2563*	2543* 2229*	2223* 1938*
+ 3.0 m	FRONT		SDB rear, supported SDB front, raised		6044 6044	6417 6417	6376 6376	5584 5584	5000 5000	4551 4551	4193 4193	3900 3900	3655 3655	3442 3442	3248 3232
	LATERAL		SDB supported SDB raised		6044 6044	6417 6376*	6002* 5338*	5126* 4569*	4458* 3986*	3931* 3521*	3509* 3149*	3162* 2841*	2874* 2552*	2537* 2224*	2228* 1943*
+ 2.0 m	FRONT		SDB rear, supported SDB front, raised	7134 7134	7311 7311	7080 7080	6737 6737	6007 6007	5320 5320	4790 4790	4370 4370	4026 4026	3737 3737	3484 3484	3249 3221*
	LATERAL		SDB supported SDB raised	7134 7134	7311 7311	7025* 6222*	5862* 5216*	5019* 4479*	4374* 3917*	3871* 3473*	3469* 3115*	3138* 2829*	2854* 2508*	2501* 2189*	2206* 1921*
+ 1.0 m	FRONT		SDB rear, supported SDB front, raised	8017 8017	7926 7926	7571 7571	7008 7008	6172 6172	5472 5472	4914 4914	4461 4461	4084 4084	3762 3762	3483 3476	3250 3183*
	LATERAL		SDB supported SDB raised	8017 8017	7926 7662*	6995* 6177*	5814* 5167*	4977 4442*	4344* 3890*	3849* 3459*	3462* 3117*	3155* 2804*	2782* 2437*	2446* 2134*	2167* 1883*
+ 0 m	FRONT		SDB rear, supported SDB front, raised	9306 9306	9015 9015	8143 8143	7067 7067	6166 6166	5468 5468	4912 4912	4457 4457	4079 4079	3762 3762	3512 3498*	3123 3123
	LATERAL		SDB supported SDB raised	9306 9306	8834 7736	7037 6220*	5841* 5197*	4992* 4465	4364* 3915*	3881 3445*	3490* 3058*	3073* 2690*	2692* 2349*	2381* 2071*	2131* 1848*
- 1.0 m	FRONT		SDB rear, supported SDB front, raised	11528 11528	9990 9990	8366 8366	7131 7131	6213 6213	5505 5505	4944 4944	4490 4490	4124 4124	3831 3831	3377 3377	
	LATERAL		SDB supported SDB raised	11528 10054*	8978* 7594*	7145* 6100*	5908* 5088*	5023* 4352*	4356* 3790*	3832* 3343*	3378* 2950*	2952* 2572*	2606* 2265*	2330* 2020*	
- 2.0 m	FRONT		SDB rear, supported SDB front, raised	12904 12904	10279 10279	8510 8510	7255 7255	6323 6323	5610 5610	5070 5070	4632 4632	4131 4131	3457 3457		
	LATERAL		SDB supported SDB raised	12109* 9958*	8901* 7486*	7032* 5992*	5804* 4989*	4934* 4266*	4283* 3719*	3719* 3233*	3239* 2814*	2860* 2482*	2556* 2216*		
- 3.0 m	FRONT		SDB rear, supported SDB front, raised	13292 13292	10597 10597	8806 8806	7554 7554	6583 6583	5735 5735	4940 4940	4102 4102	3030 3030			
	LATERAL		SDB supported SDB raised	12148* 9994*	8908* 7492*	7025* 5986*	5798* 4983*	4875* 4209*	4158* 3598*	3607* 3124*	3176* 2753*	2839* 2461*			

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*			

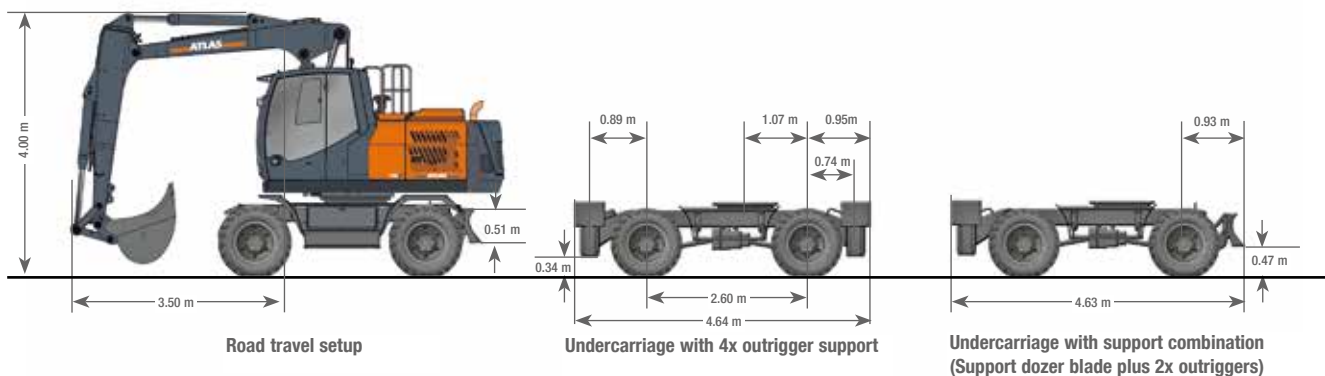
DIMENSIONS 150W

Dimensions



A TRANSPORT HEIGHT (with bucket)		C TAIL SWING RADIUS.....2.24 m	
Adjustable boom* with stick 2.15 m	3.15 m	D CLEARANCE UNDER COUNTERWEIGHT	1.27 m
Adjustable boom* with stick 2.65 m	3.15 m	E WHEEL BASE	2.60 m
Monoblock boom 4.32 m with stick 2.15 m.....	3.15 m	F UNDERCARRIAGE LENGTH	4.08 m
Monoblock boom 4.32 m with stick 2.65 m.....	3.15 m	H DOZER BLADE WIDTH	2.54 m
B TRANSPORT LENGTH		J GROUND CLEARANCE.....	0.45 m
Adjustable boom* with stick 2.15 m	7.76 m	K OVERALL HEIGHT OF CAB	3.15 m
Adjustable boom* with stick 2.65 m	8.90 m	L OUTRIGGERS WIDTH (extended).....	3.50 m
Monoblock boom 4.32 m with stick 2.15 m.....	7.60 m	M OVERALL WIDTH OF SUPERSTRUCTURE.....	2.49 m
Monoblock boom 4.32 m with stick 2.65 m.....	7.60 m		

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



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