




100
ATLAS 1919 - 2019

ATLAS
SINCE 1919

**STABLE.
STRONG.
STEADY.**

-  17.4 t - 18.6 t
-  115 kW (156 HP)
-  0.7 - 1.3 m³



WHEELED EXCAVATOR 175W_{SR} blue

WWW.ATLASGMBH.COM

TECHNICAL SPECIFICATION 175Wsr

Technical specifications

ENGINE

Power 115 kW (156 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 (EU Stage V)	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 260 l/min
• Fuel-efficient flow-on-demand control	• Pipe break protection valves for lifting and articulated cylinders	• Max. operating pressure 350 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 speed 9/min
Planetary transmission	• Swing torque 41 kNm
Automatically controlled multi-disc brake	

TRACTION DRIVE AND BRAKES

• Variable displacement motor	Automotive drive and cruise control:	• Tractive force 108 kN
• Power-shift transmission	• Maximum speed 20 km/h	• Max. gradeability 60 %
• Double-acting brake valve	• Terrain speed 5 km/h	• Dual circuit brake system Multi-disc
• Driving direction pre-selection via buttons in joystick	• Crawling speed 1 km/h	• Parking brake Multi-disc
• 35% locking differential	• High-speed option 36 km/h	• ZF axles

UNDERCARRIAGE

• 28 t special excavator axles	• 8 tyres 10.00 - 20	• 4 tyres (optional) 710 - 22.5
• Steering axle with automatic oscillating axle blocking		

FILL CAPACITIES

• Fuel tank 250 litres	• Engine oil 10 litres	• Hydraulics system 210 litres
• Cooling system 35 litres	• Hydraulic tank 175 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	
• 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 appears display	• 2000/14 EG (L _w A) ambience level 97 dB(A)
• Air-cushioned comfort seat (optional seat heating)	• Automatic system for monitoring, warning and storage of data	
• Arm rests and lumbar support		
• Seat adjustable separately from console		

WORKING EQUIPMENT 175Wsr

Equipment

OPERATING WEIGHTS

	MONOBLOCK BOOM	ADJUSTABLE BOOM
Support dozer blade	17.4 t - 17.7 t	17.8 t - 18.2 t
blade / outriggers	17.8 t - 18.1 t	18.1 t - 18.5 t
4 support outriggers	18.4 t - 18.7 t	18.8 t - 19.2 t

Operating weight with driver, completely filled implement

EQUIPMENT

BASIC DEVICE Atlas 175Wsr (can be combined)

<ul style="list-style-type: none"> Wheel excavator 175Wsr with support and dozerblade (SDB) and 2 lifting cylinders (A 5.2) 	STANDARD EQUIPMENT:	<ul style="list-style-type: none"> Seat adjustable separately from console
<ul style="list-style-type: none"> Wheel excavator 175Wsr with quadruple claw support and 2 lifting cylinders (A 5.32) 	Engine:	<ul style="list-style-type: none"> Heat-absorbing glass, tinted windows
<ul style="list-style-type: none"> Wheel excavator 175Wsr with blade on rigid axle, 2 outriggers on steering axle and 2 lifting cylinders (A 5.33) 	<ul style="list-style-type: none"> Automatic idle 	<ul style="list-style-type: none"> Rear space and side camera
<ul style="list-style-type: none"> Wheel excavator 175Wsr with blade on steering axle, 2 outriggers on rigid axle and 2 lifting cylinders (A 5.35) 	<ul style="list-style-type: none"> Cold start assistance 	<ul style="list-style-type: none"> Right side camera
* SDB = support and dozer blade	<ul style="list-style-type: none"> Diesel pre-filter Engine monitoring 	<ul style="list-style-type: none"> Automotive drive and cruise control Operating data display screen

BOOM:

<ul style="list-style-type: none"> Monoblock boom with stick cylinder 4.85 m (C6.4MG) 	Hydraulics:	<ul style="list-style-type: none"> Ready for electric cooling box Different options for storage, compartment for documents
<ul style="list-style-type: none"> Adjustable boom consisting of the base arm 1.87 m (C6.41) with adjustable cylinder and boom 3.10 m (C6.461) with adjustable cylinder and boom 3.62 m 	<ul style="list-style-type: none"> Proportional grab/grab rotating function 	<ul style="list-style-type: none"> Bottle holder

• Accumulator for emergency lowering of the arm system

STICKS:	<ul style="list-style-type: none"> Pipe break protection valves for lifting and articulated cylinders 	EQUIPMENT:
<ul style="list-style-type: none"> Stick 2.15 m (D6.2) 	<ul style="list-style-type: none"> Max. load-limit control 	<ul style="list-style-type: none"> Joint bearings in stick and bucket cylinders
<ul style="list-style-type: none"> Stick 2.65 m (D6.3) 	<ul style="list-style-type: none"> Cylinder end-position damping 	<ul style="list-style-type: none"> Combined lubricating points for swing bearing and arm equipment

BUCKET TIPPING CYLINDER:

<ul style="list-style-type: none"> Bucket tipping cylinder with bucket linkage (F 6.1) 	Cab:	UNDERCARRIAGE:
	<ul style="list-style-type: none"> Automatic air conditioning Preparation for radio installation with mute function Slim steering column, height and tilt adjustable 	<ul style="list-style-type: none"> Power-shift transmission Wet disc brakes Tool box in the undercarriage

ADDITIONAL EQUIPMENT

Engine:	Equipment:	<ul style="list-style-type: none"> LED working-lights
<ul style="list-style-type: none"> Refueling pump 	<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"> GPS/GSM telemetric system for monitoring of operating data, consumption, position
<ul style="list-style-type: none"> Engine speed adjustment via potentiometer Auxiliary heating 	<ul style="list-style-type: none"> Automatic working brake 	<ul style="list-style-type: none"> Proportional control of supports by slide in joystick
Hydraulics:	Cab:	Undercarriage:
<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 	<ul style="list-style-type: none"> Cab protection guard 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"> 270° camera system 	<ul style="list-style-type: none"> Radio/CD/MP3, front AUX in, USB Joystick steering Cab elevation Electric cooling box 	<ul style="list-style-type: none"> High-speed option 36 km/h Wheel cover Gear protection
		Other special equipment: See price list

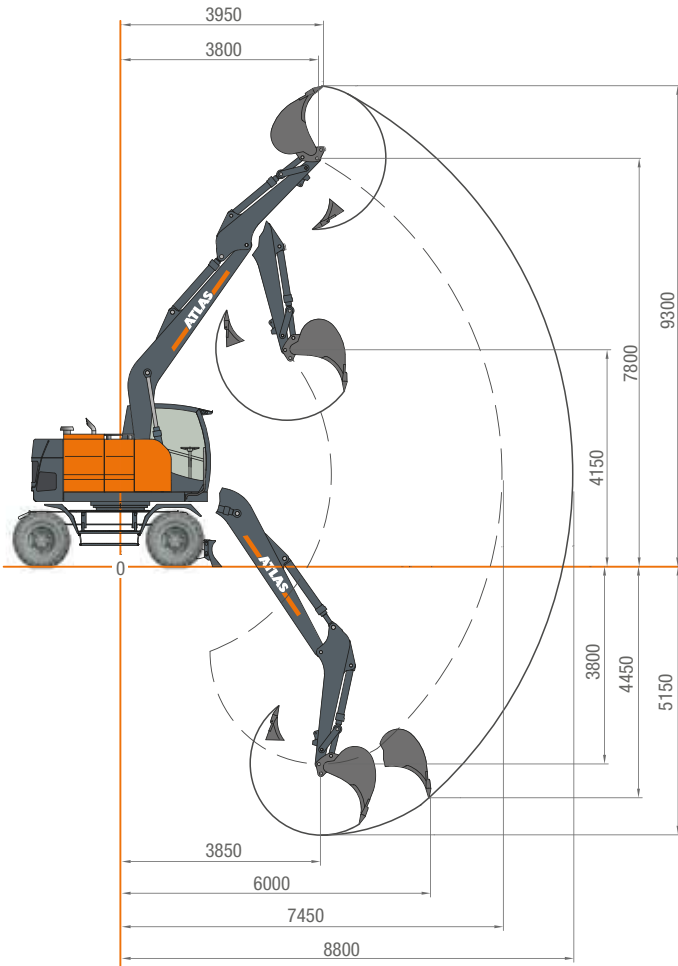
ATTACHMENTS (SELECTION)

	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

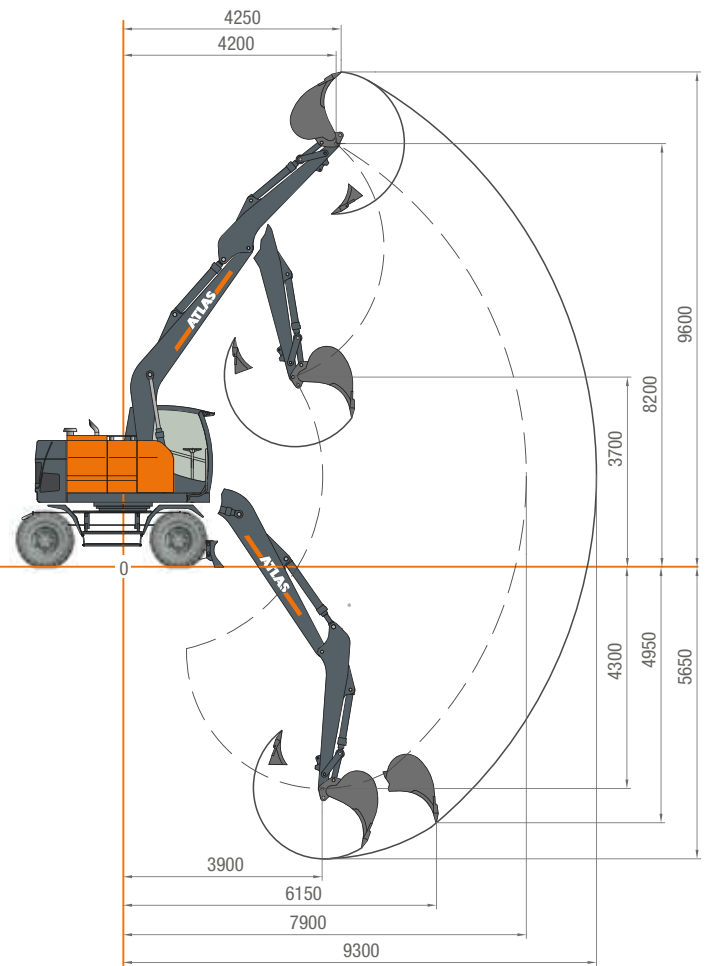
WORK AREAS 175Wsr

Work Areas Monoblock boom 4.85 m (C6.4MG)

Stick 2.15 m (D6.2)



Stick 2.65 m (D6.3)



STICK LENGTHS		2.15 m (D6.2)	2.65 m (D6.3)
A	Max. cut-in height	9.30 m	9.60 m
B	Max. pouring height	6.30 m	6.80 m
C	Max. trench depth	5.15 m	5.65 m
D	Max. vertical tapping depth	8.80 m	9.30 m
	Max. bucket digging force	144 kN	144 kN
	Max. stick digging force	82 kN	82 kN

Unit is equipped with monoblock boom 4.85 m (C6.4MG).

LIFTING CAPACITIES 175Wsr

Lifting Capacities Monoblock boom 4.85 m (C6.4MG) with Stick 2.15 m (D6.2) and Stick 2.65 m (D6.3)

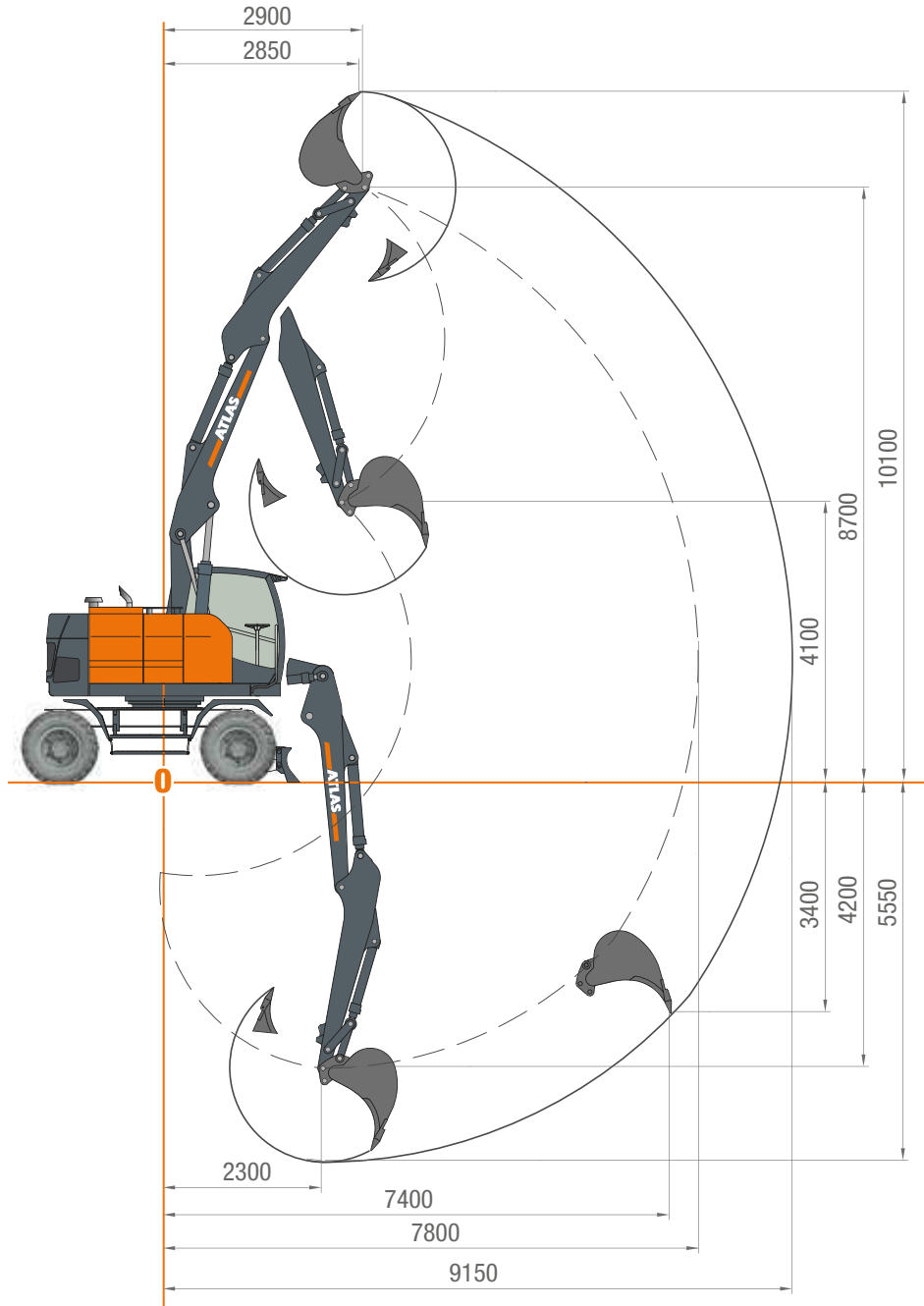
Lifting Capacities: Monoblock boom 4.85 m (C6.4MG) with Stick 2.15 m (D6.2). Max. Reach 8.80 m												
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m
+ 5.0 m	FRONT		SDB rear. supported					5002	4784	4620		
	LATERAL		SDB front. raised					5002	4784	4620		
+ 4.0 m	FRONT		SDB supported			6395	5813	5372	5030	4760	4546	
	LATERAL		SDB raised			6395	5813	5372	5030	4723*	4176*	
+ 3.0 m	FRONT		SDB supported		8642	7352	6478	5844	5363	4985	4680	4427
	LATERAL		SDB raised		8642	7352	6478	5844	5276*	4637*	4119*	3688*
+ 2.0 m	FRONT		SDB supported		6564*	5435*	4609*	3979*	3484*	3083*	2751*	2467*
	LATERAL		SDB raised		5555*	4641*	3958*	3429*	3009*	2665*	2379*	2132*
+ 1.0 m	FRONT		SDB supported		4581	8121	7048	6265	5668	5198	4814	4483
	LATERAL		SDB raised		4581	8121	6935*	5922*	5151*	4544*	4053*	3645*
+ 0 m	FRONT		SDB supported		4581	5155*	4405*	3828*	3371*	2998*	2689*	2427*
	LATERAL		SDB raised		4581	4373*	3762*	3283*	2899*	2583*	2319*	2093*
- 1.0 m	FRONT		SDB supported		4213	8381	7318	6491	5839	5310	4866	4466
	LATERAL		SDB raised		4213	8125*	6769*	5791*	5049*	4465*	3994*	3608*
- 2.0 m	FRONT		SDB supported		4213	4982*	4260*	3711*	3278*	2927*	2635*	2392*
	LATERAL		SDB raised		4213	4208*	3622*	3170*	2809*	2513*	2266*	2059*
- 3.0 m	FRONT		SDB supported		3328	6213	8170	7230	6448	5799	5250	4762
	LATERAL		SDB raised		3328	6213	8058*	6692*	5720*	4989*	4420*	3964*
- 4.0 m	FRONT		SDB supported		3328	5972*	4925*	4193*	3648*	3224*	2885*	2608*
	LATERAL		SDB raised		3328	4994*	4153*	3557*	3109*	2757*	2473*	2239*
- 5.0 m	FRONT		SDB supported		6606	8442	7584	6796	6100	5487	4928	4366
	LATERAL		SDB raised		6606	8442	7584	6686*	5708*	4979*	4415*	3970*
- 6.0 m	FRONT		SDB supported		6606	6004*	4933*	4188*	3638*	3215*	2881*	2613*
	LATERAL		SDB raised		6343*	5024*	4161*	3552*	3099*	2748*	2469*	2245*
- 7.0 m	FRONT		SDB supported		8437	7921	7278	6613	5972	5364	4772	4125
	LATERAL		SDB raised		8437	7921	7278	6613	5972	5364	4772	4125
- 8.0 m	FRONT		SDB supported		8437	7765*	6076*	4987*	4228*	3671*	3248*	2922*
	LATERAL		SDB raised		8437	6431*	5093*	4212*	3591*	3131*	2780*	2509*
- 9.0 m	FRONT		SDB supported		6209	5955	5557	5084	4557	3948		
	LATERAL		SDB raised		6209	5955	5557	5084	4557	3948		

Traglasten Lifting Capacities: Monoblock boom 4.85 m (C6.4MG) and Stick 2.65 m (D6.3). Max. Reach 9.30 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
+ 5.0 m	FRONT		SDB rear. supported						4429	4289	4181		
	LATERAL		SDB front. raised						4429	4289	4181		
+ 4.0 m	FRONT		SDB supported					4996	4711	4479	4290	4137	
	LATERAL		SDB raised					4996	4711	4479	4213*	3755*	
+ 3.0 m	FRONT		SDB supported		9478	7851	6797	6056	5507	5084	4748	4475	4247
	LATERAL		SDB raised		9478	7851	6797	6056	5507	5084	4667*	4141*	3707*
+ 2.0 m	FRONT		SDB supported		8541*	6756*	5550*	4683*	4029*	3517*	3106*	2767*	2481*
	LATERAL		SDB raised		7154*	5734*	4749*	4027*	3476*	3040*	2687*	2393*	2145*
+ 1.0 m	FRONT		SDB supported			9128	7711	6726	6003	5452	5017	4664	4366
	LATERAL		SDB raised			9128	7711	6726	5961*	5176*	4558*	4060*	3649*
+ 0 m	FRONT		SDB supported			6293*	5231*	4452*	3857*	3388*	3007*	2692*	2427*
	LATERAL		SDB raised			5296*	4444*	3805*	3310*	2914*	2590*	2321*	2092*
- 1.0 m	FRONT		SDB supported		2704	6144	8227	7155	6343	5712	5207	4790	4432
	LATERAL		SDB raised		2704	6144	8154*	6787*	5800*	5051*	4462*	3986*	3594*
- 2.0 m	FRONT		SDB supported		2704	6007*	5000*	4270*	3714*	3275*	2919*	2624*	2376*
	LATERAL		SDB raised		2704	5025*	4222*	3630*	3171*	2805*	2505*	2254*	2042*
- 3.0 m	FRONT		SDB supported		4142	6810	8259	7242	6435	5783	5245	4788	4378
	LATERAL		SDB raised		4142	6810	8015*	6660*	5693*	4963*	4392*	3934*	3559*
- 4.0 m	FRONT		SDB supported		4142	5903*	4881*	4159*	3619*	3196*	2856*	2576*	2344*
	LATERAL		SDB raised		4142	4926*	4109*	3523*	3079*	2728*	2443*	2207*	2010*
- 5.0 m	FRONT		SDB supported		6295	8909	7890	6994	6247	5618	5074	4584	4095
	LATERAL		SDB raised		6295	8909	7890	6623*	5654*	4930*	4367*	3919*	3556*
- 6.0 m	FRONT		SDB supported		6295	5899*	4856*	4126*	3585*	3166*	2833*	2562*	2341*
	LATERAL		SDB raised		6190*	4921*	4085*	3491*	3046*	2699*	2421*	2193*	2007*
- 7.0 m	FRONT		SDB supported		8977	7994	7132	6381	5721	5132	4580	4006	
	LATERAL		SDB raised		8977	7994	7132	6381	5668*	4942*	4383*	3945*	
- 8.0 m	FRONT		SDB supported		7592*	5950*	4887*	4144*	3597*	3177*	2848*	2586*	
	LATERAL		SDB raised		6266*	4970*	4115*	3509*	3058*	2710*	2435*	2217*	
- 9.0 m	FRONT		SDB supported		7965	7232	6544	5902	5298	4717	4122		
	LATERAL		SDB raised		7965	7232	6544	5902	5298	4717	4122		

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 175Wsr

Work Areas Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.10 m (C6.46) with Stick 2.65 m (D6.3)







































STICK LENGTHS		2.65 m (D6.3)
A	Max. cut-in height	10.10 m
B	Max. pouring height	7.30 m
C	Max. trench depth	5.55 m
D	Max. vertical tapping depth	9.15 m
	Max. bucket digging force	144 kN
	Max. stick digging force	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 175Wsr

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)

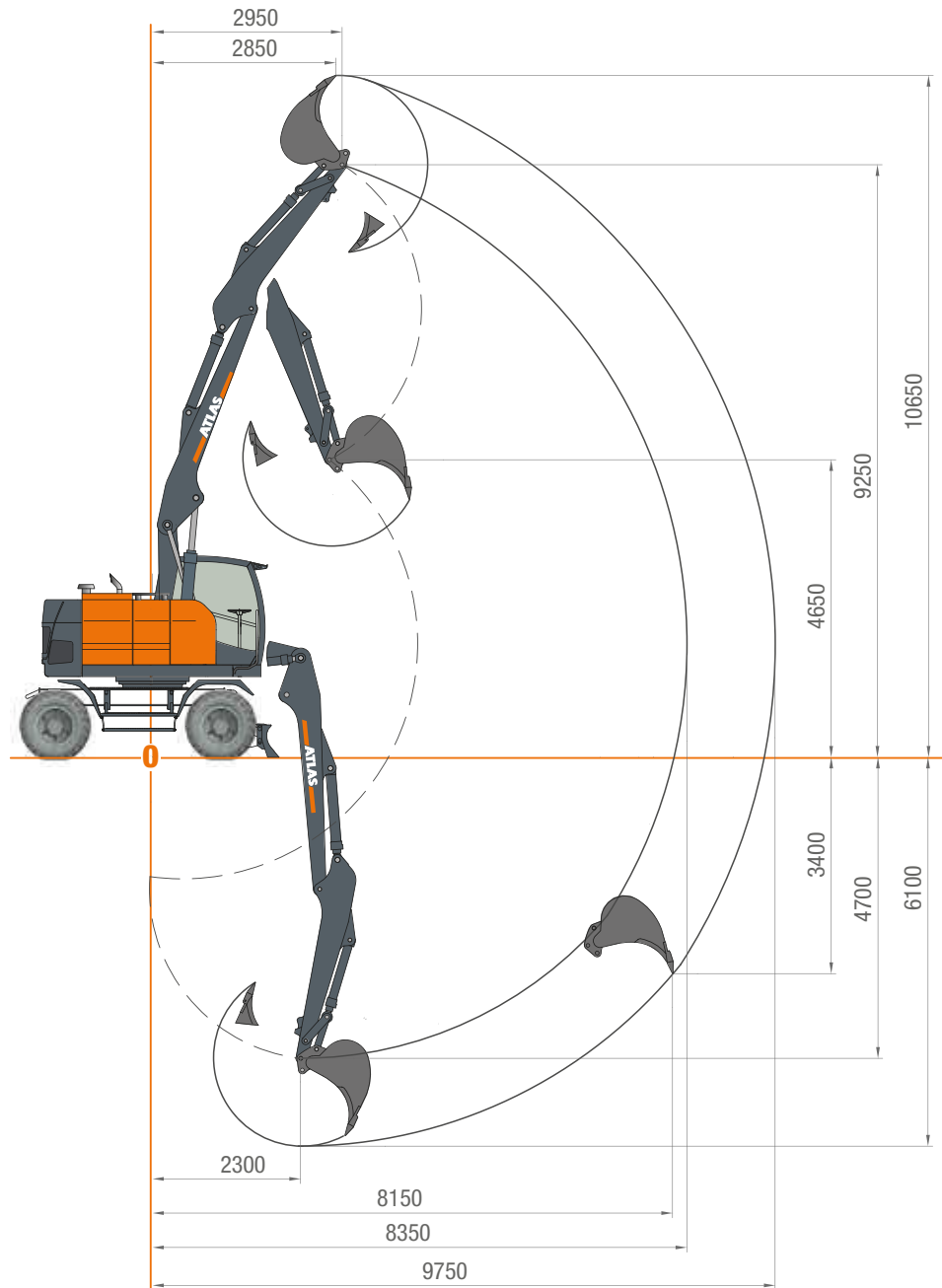
Lifting Capacities: Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.10 m (C6.46) with Stick 2.65 m (D6.3). Max. Reach 9.15 m													
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m
+ 6.0 m	FRONT	 SDB rear, supported					4674	4648	4519	4173			
		 SDB front, raised					4674	4648	4519	4173			
	LATERAL	 SDB supported					4674	4397*	3818*	3288*			
		 SDB raised					4513	3875*	3348*	2863*			
+ 5.0 m	FRONT	 SDB rear, supported				4683	4849	4816	4609	4438	4302		
		 SDB front, raised				4683	4849	4816	4609	4438	4251*		
	LATERAL	 SDB supported				4683	4849	4358*	3808*	3352*	2902*		
		 SDB raised				4683	4464*	3847*	3363*	2929*	2524*		
+ 4.0 m	FRONT	 SDB rear, supported	5186	5521	5723	5798	5570	5179	4864	4606	4392	4214	
		 SDB front, raised	5186	5521	5723	5798	5570	5179	4864	4606	4228	3767*	
	LATERAL	 SDB supported	5186	5521	5723	5798	4977*	4300*	3769*	3346*	2925*	2547*	
		 SDB raised	5186	5521	5723	5158*	4380*	3792*	3333	2950*	2546*	2207*	
+ 3.0 m	FRONT	 SDB rear, supported	9972	9689	8057	6982	6218	5646	5202	4845	4551	4302	3722
		 SDB front, raised	9972	9689	8057	6982	6218	5646	5202	4688	4199*	3761*	3334*
	LATERAL	 SDB supported	9972	8730*	6950	5744*	4883*	4229*	3726*	3326*	2909*	2539*	2228*
		 SDB raised	9941*	7551*	6052*	5035*	4299*	3738*	3298*	2931*	2530*	2200*	1921*
+ 2.0 m	FRONT	 SDB rear, supported	9725	9633	9219	7812	6822	6090	5526	5077	4708	4392	4101
		 SDB front, raised	9725	9633	9219	7812	6822	5980	5234*	4646*	4178*	3726*	3312*
	LATERAL	 SDB supported	9725	8536*	6802*	5640*	4807	4182*	3700*	3301*	2861*	2501*	2205*
		 SDB raised	9687*	7357*	5930*	4944*	4233*	3698*	3279*	2875*	2484*	2163*	1899*
+ 1.0 m	FRONT	 SDB rear, supported	10541	10062	9371	8243	7182	6371	5736	5222	4793	4420	4077
		 SDB front, raised	10541	10062	9371	8176*	6885*	5931*	5203*	4636	4159*	3674*	3273*
	LATERAL	 SDB supported	10541	8481*	6755*	5606*	4783*	4174*	3686*	3205*	2785*	2445*	2167*
		 SDB raised	9644*	7311*	5874*	4914	4214*	3670*	3201*	2781*	2409*	2108*	1861*
+ 0 m	FRONT	 SDB rear, supported	12236	11031	9668	8276	7231	6419	5769	5238	4800	4437	3736
		 SDB front, raised	12236	11031	9668	8174*	6887*	5940*	5231*	4647*	4070*	3607*	3241*
	LATERAL	 SDB supported	11460*	8536*	6786*	5593*	4735*	4085*	3571*	3084*	2696*	2383*	2137*
		 SDB raised	9484*	7181*	5760*	4787*	4075*	3528*	3090*	2664*	2322*	2047*	1832*
- 1.0 m	FRONT	 SDB rear, supported	14073	11737	9746	8329	7272	6455	5808	5298	4822	4105	
		 SDB front, raised	14073	11737	9746	8246	6963*	6044*	5210*	4525*	3985*	3564*	
	LATERAL	 SDB supported	11251*	8297*	6562*	5413*	4591*	3971*	3412*	2970*	2617*	2343*	
		 SDB raised	9174*	6921*	5547*	4615*	3936*	3417*	2936*	2553*	2246*	2008*	
- 2.0 m	FRONT	 SDB rear, supported	14951	11918	9900	8467	7410	6613	5860	5053	3991		
		 SDB front, raised	14951	11918	9900	8423*	7027*	5908*	5077*	4444*	3953*		
	LATERAL	 SDB supported	11105*	8163*	6444*	5314*	4470*	3803*	3292*	2897*	2588*		
		 SDB raised	9041*	6796*	5436*	4521*	3820*	3255*	2819*	2481*	2217*		

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*Value limited due to excavator stability.

WORK AREAS 175Wsr

Work Areas Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.62 m (C6.461) with Stick 2.65 m (D6.3)
















STICK LENGTHS	2.65 m (D6.3)
A Max. cut-in height	10.65 m
B Max. pouring height	7.85 m
C Max. trench depth	6.10 m
D Max. vertical tapping depth	9.75 m
Max. bucket digging force	144 kN
Max. stick digging force	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 175Wsr

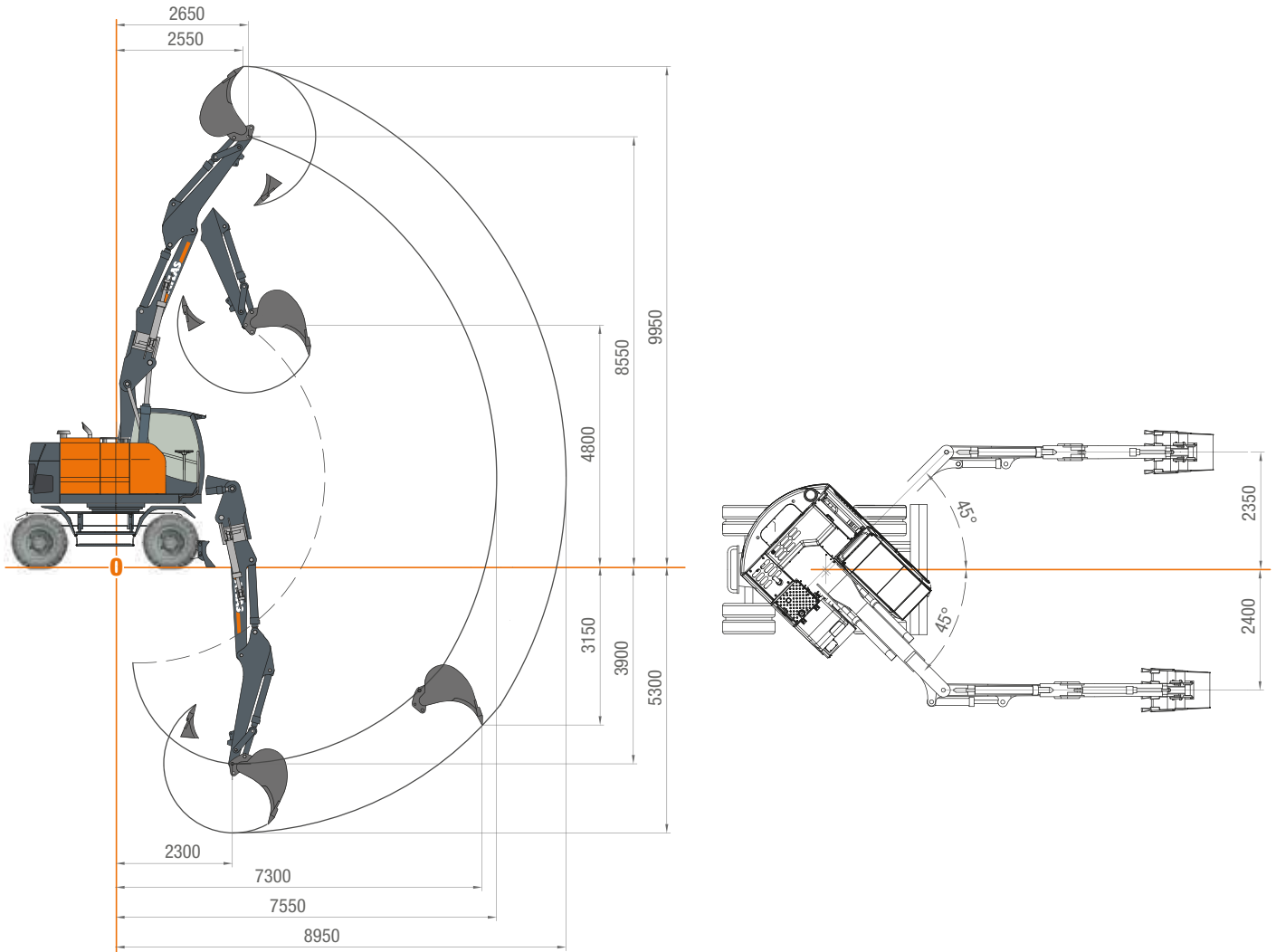
Lifting Capacities Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.62 m (C6.461) with Stick 2.65 m (D6.3)

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 9.75 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			4513	4880	4982	4725	4455	4233	4047	3894	3417	
		SDB front, raised			4513	4880	4982	4725	4455	4233	4047	3757*	3329*	
	LATERAL 	SDB supported			4513	4880	4982	4285*	3744*	3310*	2945*	2555*	2215*	
		SDB raised			4513	4880	4385*	3783*	3306*	2920*	2567*	2213*	1905*	
+4.0 m	FRONT 	SDB rear, supported		8326	7078	6222	5597	5120	4744	4439	4188	3977	3798	
		SDB front, raised		8326	7078	6222	5597	5120	4744	4439	4141*	3731*	3358*	
	LATERAL 	SDB supported		8326	6959	5735*	4856*	4194*	3681*	3267*	2930*	2574*	2241*	
		SDB raised		7590*	6065*	5027*	4275*	3701*	3252*	2888*	2584*	2231*	1930*	
+3.0 m	FRONT 	SDB rear, supported		8180	8105	7099	6219	5572	5077	4683	4363	4095	3865	3657
		SDB front, raised		8180	8105	7099	6219	5572	5077	4567*	4092*	3700*	3350*	2972*
	LATERAL 	SDB supported		8180	6698*	5558*	4730*	4108*	3617*	3228*	2907*	2558*	2232*	1955*
		SDB raised		7240*	5832*	4863*	4159*	3623*	3195*	2855*	2568*	2215*	1922*	1672*
+2.0 m	FRONT 	SDB rear, supported	7602	7968	7984	7763	6725	5956	5366	4899	4518	4199	3922	3665
		SDB front, raised	7602	7968	7984	7763	6716*	5785*	5072*	4510	4056*	3683*	3316*	2947*
	LATERAL 	SDB supported	7602	7968	6553*	5445*	4647*	4045*	3576	3202*	2897*	2513*	2196*	1931*
		SDB raised	7602	7069*	5691*	4766*	4081*	3565*	3160*	2838*	2516*	2171*	1887*	1649*
+1.0 m	FRONT 	SDB rear, supported	8628	8620	8343	7836	6942	6152	5526	5018	4599	4241	3928	3660
		SDB front, raised	8628	8620	8343	7836	6651*	5734*	5036*	4488*	4048*	3685*	3258*	2906*
	LATERAL 	SDB supported	8628	8164*	6510*	5399*	4613*	4022*	3566*	3195*	2809*	2444*	2142*	1893*
		SDB raised	8628	7029*	5653*	4727*	4055*	3548*	3135*	2768*	2429*	2103*	1834*	1611*
+0 m	FRONT 	SDB rear, supported	9557	9871	9022	7954	6943	6159	5534	5023	4598	4242	3955	3493
		SDB front, raised	9557	9871	9022	7889	6658*	5742*	5048*	4509*	4085*	3595*	3192*	2874*
	LATERAL 	SDB supported	9557	8231*	6542*	5422*	4605*	3985*	3495*	3095*	2697*	2360*	2081*	1863*
		SDB raised	9024*	6863*	5531*	4616*	3944*	3426*	3012*	2670*	2319*	2021*	1774*	1582*
-1.0 m	FRONT 	SDB rear, supported	11820	11066	9400	8019	6990	6197	5567	5057	4644	4297	3758	
		SDB front, raised	11820	11066	9400	7962	6726	5813*	5131	4532*	3964*	3504*	3144*	
	LATERAL 	SDB supported	10844	8007*	6344*	5244*	4458*	3864*	3397*	2963*	2585*	2276*	2036*	
		SDB raised	8788*	6639*	5332*	4446*	3802*	3309*	2917*	2542*	2210*	1939*	1729*	
-2.0 m	FRONT 	SDB rear, supported	14317	11519	9546	8144	7102	6304	5687	5182	4598	3815		
		SDB front, raised	14317	11519	9546	8109	6889*	5921*	5058*	4393*	3871*	3461*		
	LATERAL 	SDB supported	10745	7897*	6237*	5147*	4374*	3797*	3259*	2836*	2500*	2236*		
		SDB raised	8698*	6537*	5231*	4354*	3722*	3244*	2782*	2418*	2127*	1900*		
-3.0 m	FRONT 	SDB rear, supported	14849	11844	9850	8451	7326	6366	5464	4504	3233			
		SDB front, raised	14849	11844	9850	8357*	6830*	5750*	4948*	4334*	3233			
	LATERAL 	SDB supported	10783	7905*	6234*	5138*	4278*	3644*	3160*	2782*	2488*			
		SDB raised	8732*	6544*	5227*	4345*	3629*	3096*	2686*	2365*	2115*			

Die angegebenen max. Ladefähigkeiten in Kilogramm (kg) beinhalten eine Standsicherheit von 25% oder sind berechnet bei 87% der hydraulischen Hebekraft, gemäß ISO10567. Diese Werte sind gültig an der Armspitze (ohne Löffelkippezylinder, Umlenkgestänge) bei optimaler Stellung des entsprechenden Armsystems und mit Druckzuschaltung. Gewichte angebaute Lastaufnahmemittel (Greifer, Magnet, Lasthaken etc.) sind von den Traglastwerten abzuziehen. *Begrenzt durch Standsicherheit Wert.

WORK AREAS 175Wsr

Work Areas Adjustable Boom 1.95 m (C6.41), Base arm 3.35 m (C6.47) with Stick 2.65 m (D6.3)





STICK LENGTHS		2.65 m (D6.3)
A	Max. cut-in height	9.95 m
B	Max. pouring height	7.15 m
C	Max. trench depth	5.30 m
D	Max. vertical tapping depth	8.95 m
	Max. bucket digging force	144 kN
	Max. stick digging force	72 kN

Unit is equipped with standard adjustable boom: base arm 1.95 m (C6.41) and boom 3.35 m (C6.47).

LIFTING CAPACITIES 175Wsr

Lifting Capacities Adjustable Boom, Base arm 1.95 m (C6.41) and Boom 3.35 m (C6.47) with Stick 2.65 m (D6.3)

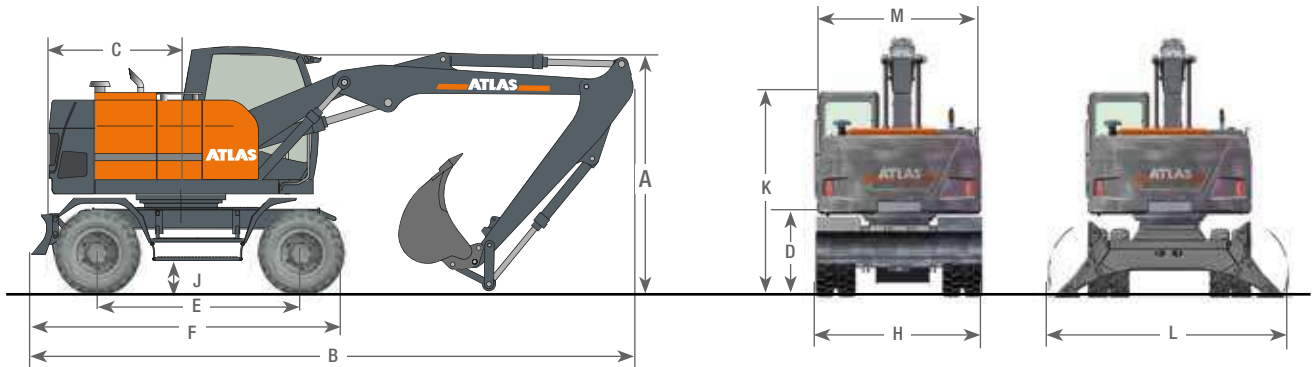
Lifting Capacities: Adjustable Boom, Base arm 1.95 m (C6.41) and boom 3.35 m (C6.47) with Stick 2.65 m (D6.3). Max. reach 8.95 m													
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m
+ 5.0 m	FRONT	 SDB rear, supported				4701	4861	4685	4453	4260	4102	3856	
		 SDB front, raised				4701	4861	4685	4453	4260	4102	3723*	
	LATERAL	 SDB supported				4701	4861	4320*	3765*	3319	2891*	2490*	
		 SDB raised				4701	4427*	3805*	3323*	2926*	2507*	2147*	
+ 4.0 m	FRONT	 SDB rear, supported	6712	6484	6298	6013	5471	5050	4714	4440	4212	4022	3549
		 SDB front, raised	6712	6484	6298	6013	5471	5050	4714	4440	4156*	3740*	3300*
	LATERAL	 SDB supported	6712	6484	6298	5810*	4912*	4235*	3709*	3291*	2913*	2518*	2182*
		 SDB raised	6712	6484	6161*	5096*	4320	3737*	3278*	2909*	2529*	2175*	1871*
+ 3.0 m	FRONT	 SDB rear, supported	8667	8705	8014	6884	6088	5497	5039	4674	4374	4122	3902
		 SDB front, raised	8667	8705	8014	6884	6088	5497	5039	4595*	4112*	3719*	3300*
	LATERAL	 SDB supported	8667	8516*	6795*	5628	4786*	4149*	3655*	3257*	2895*	2506*	2179*
		 SDB raised	8667	7363*	5936*	4934*	4217*	3665*	3231*	2886*	2512*	2163*	1869*
+ 2.0 m	FRONT	 SDB rear, supported	8795	8772	8583	7628	6637	5904	5341	4894	4527	4217	3941
		 SDB front, raised	8795	8772	8583	7628	6637	5833	5109*	4543*	4085*	3700*	3269*
	LATERAL	 SDB supported	8795	8307*	6627*	5507*	4701*	4091*	3615*	3243	2840*	2462*	2148*
		 SDB raised	8795	7174*	5784	4833*	4137*	3611*	3203*	2869*	2458*	2120*	1838*
+ 1.0 m	FRONT	 SDB rear, supported	9650	9326	8812	7958	6935	6147	5527	5026	4610	4252	3944
		 SDB front, raised	9650	9326	8812	7917	6697*	5781	5075*	4524*	4088	3637*	3215*
	LATERAL	 SDB supported	9650	8249*	6580	5467*	4672*	4077*	3621*	3195*	2750*	2394*	2098*
		 SDB raised	9379*	7118	5732	4788*	4114*	3601*	3153*	2765*	2370*	2053*	1790*
+ 0 m	FRONT	 SDB rear, supported	11409	10420	9268	7970	6960	6177	5551	5039	4615	4270	3884
		 SDB front, raised	11409	10420	9268	7924	6700*	5787*	5096*	4565*	4031*	3550*	3163*
	LATERAL	 SDB supported	11166	8317*	6622*	5493*	4654*	4016*	3511*	3052*	2643*	2314*	2049*
		 SDB raised	9218*	6999*	5626*	4682*	3989*	3454*	3025*	2626*	2265*	1975*	1742*
- 1.0 m	FRONT	 SDB rear, supported	13316	11314	9413	8036	7010	6219	5592	5089	4693	4174	
		 SDB front, raised	13316	11314	9413	8000*	6775*	5876*	5182*	4473*	3917*	3478*	
	LATERAL	 SDB supported	10972*	8100*	6412*	5294*	4492*	3886*	3366*	2904*	2537*	2247*	
		 SDB raised	8900*	6723*	5394*	4491*	3833*	3328*	2884*	2482*	2162*	1910*	
- 2.0 m	FRONT	 SDB rear, supported	14518	11553	9582	8184	7149	6382	5741	5071	4259		
		 SDB front, raised	14518	11553	9582	8169	6982*	5856*	5005*	4357*	3853*		
	LATERAL	 SDB supported	10826*	7959*	6285*	5184*	4403*	3732*	3206*	2798*	2478*		
		 SDB raised	8767*	6591*	5273*	4386*	3747*	3179*	2729*	2379*	2105*		
- 3.0 m	FRONT	 SDB rear, supported	14923	11943	9922	8369	7125	6021	4926	3612			
		 SDB front, raised	14923	11943	9922	8278*	6782*	5718*	4926	3612			
	LATERAL	 SDB supported	10862*	7968*	6251*	5062*	4228*	3609*	3139*	2777*			
		 SDB raised	8799*	6599*	5241*	4270*	3579*	3060*	2664*	2358*			

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.

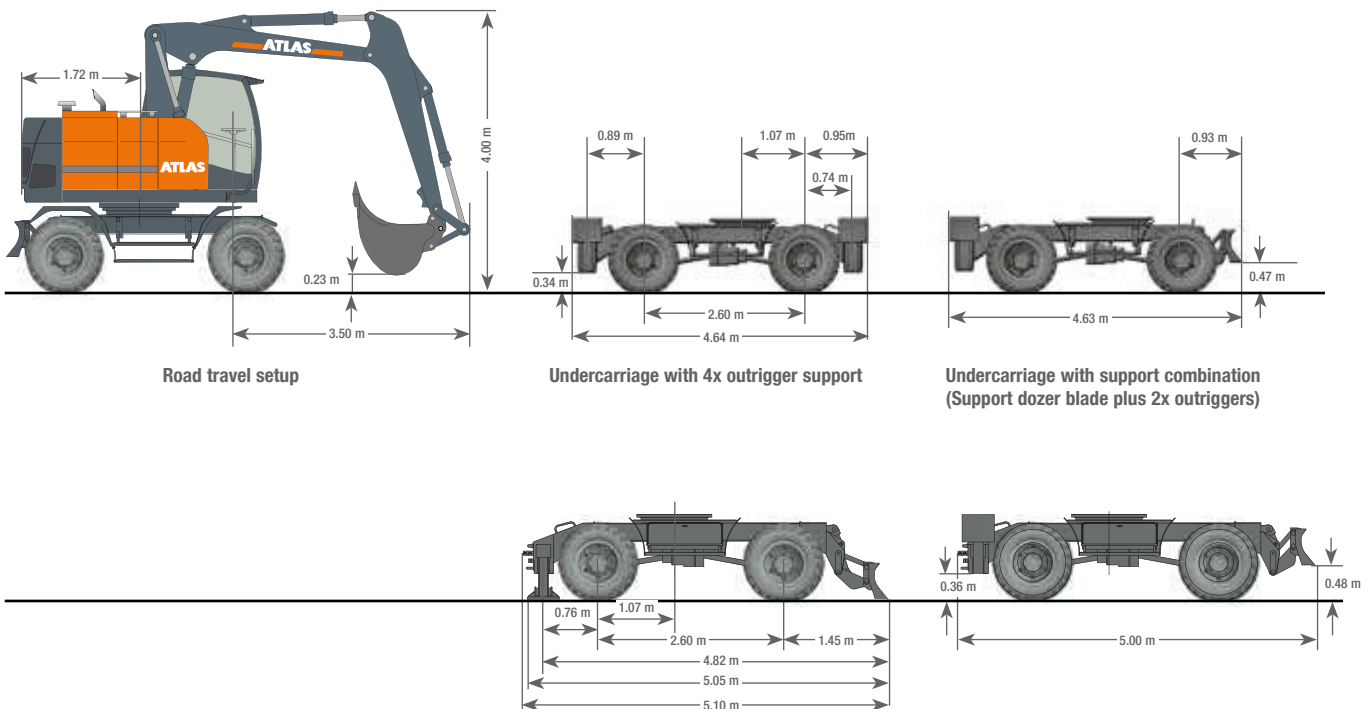
DIMENSIONS 175Wsr

Dimensions



A	TRANSPORT HEIGHT (with bucket)		
	Adjustable boom* with Stick 2.15 m.....	3.14 m	C TAIL SWING RADIUS.....1.72 m
	Adjustable boom* with Stick 2.65 m.....	3.14 m	D CLEARANCE UNDER COUNTERWEIGHT1.26 m
	Monoblock boom 4.85 m with Stick 2.15 m	3.14 m	E WHEEL BASE2.60 m
	Monoblock boom 4.85 m with Stick 2.65 m	3.14 m	F UNDERCARRIAGE LENGTH4.00 m
B	TRANSPORT LENGTH		H DOZER BLADE WIDTH2.54 m
	Adjustable boom* with Stick 2.15 m.....	7.70 m	J GROUND CLEARANCE.....0.45 m
	Adjustable boom* with Stick 2.65 m.....	8.20 m	K OVERALL HEIGHT OF CAB3.15 m
	Monoblock boom 4.85 m with Stick 2.15 m	7.60 m	L OUTRIGGERS WIDTH (extended).....3.50 m
	Monoblock boom 4.85 m with Stick 2.65 m	7.60 m	M OVERALL WIDTH OF SUPERSTRUCTURE.....2.50 m

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





175Wsr-EN (1) Effective date: 03/2019. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Atlas makes no other warranty, express or implied. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Atlas makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Atlas GmbH and/or its subsidiaries. All rights are reserved. Atlas® is a registered trademark of Atlas GmbH. Copyright © 2019 Atlas GmbH. Ref. no.: 6203403

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