



ATLAS

SINCE 1919

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

**STABLE.
STRONG.
STEADY.**



WHEELED EXCAVATOR **175W**SR *blue*

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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

175Wsr^{blue}





**EXTENSIVE DEALER NETWORK
EXCELLENT SERVICE
CUSTOMER FOCUSED**

TECHNICAL SPECIFICATION 175Wsr

ENGINE

Power rating.....115 kW (156 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)	• Load-retaining and fine lowering valves in lifting circuit	• Operating modes: F1 (Fine)
• Load limit controlled high-performance pump	• Pipe break protection valves for lifting and articulated cylinders	F2 (Eco)
• Fuel-efficient flow-on-demand control	• Proportional grab and grab rotating function	F3 (Power)
• Sensitive, proportional, independent control	• 3 circuits for additional consumer loads possible	• Accumulator for emergency lowering of the arm system
• Primary and secondary protection against overload	• Max. oil flow 260 l/min	• Load-limit control
• Suction valves for all work functions	• Max. operating pressure 350 bar	• Cylinder end position damping

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..... 108 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 175Wsr

DRIVER'S CAB

• 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: • Comfort seat with headrest • Arm rests and lumbar support • Seat adjustable separately from console • Air suspension • Heated • Horizontal and vertical suspension • Lumbar support	MONITORING: • Operating data display screen • Automatic system for monitoring, warning and storage of data • Rear view security camera • Right side camera
	CONTROL: • 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: • Automatic climate control • Excellent air distribution through optimally arranged nozzles • Refrigerant R134a
		SOUND LEVELS: • ISO 6396 (L_pA) in driver's cab 72 dB(A) • 2000/14 EG (L_wA) ambience level 97 dB(A)

ADDITIONAL EQUIPMENT

• Refueling pump • Beacon light • Gear protection • Cabin Sliding door • Cab protection guard • Wheel cover • Cab elevation • Joystick steering • 270° camera system • LED working lights	• 35% axle differential lock • Patented trailer hitch • Alarm-signal while driving • Engine speed adjustment via potentiometer • 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) • Electric cooling box • Radio with USB • 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
		Other additional equipment: See price list Special options: upon request

FILL CAPACITIES

Fuel tank250 litres	Engine oil.....10 litres	Hydraulic system.....210 litres
Cooling system.....35 litres	Hydraulic tank175 litres	Ad Blue®32 litres

OPERATING WEIGHTS

	MONOBLOCK BOOM 4.85 m (C6.4MG)		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	17.4 t - 17.7 t	17.4 t - 17.7 t	17.8 t - 18.2 t	17.8 t - 18.2 t
SDB / outriggers	17.8 t - 18.1 t	17.8 t - 18.1 t	18.1 t - 18.5 t	18.1 t - 18.5 t
4 support outriggers	18.4 t - 18.7 t	18.4 t - 18.7 t	18.8 t - 19.2 t	18.8 t - 19.2 t

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

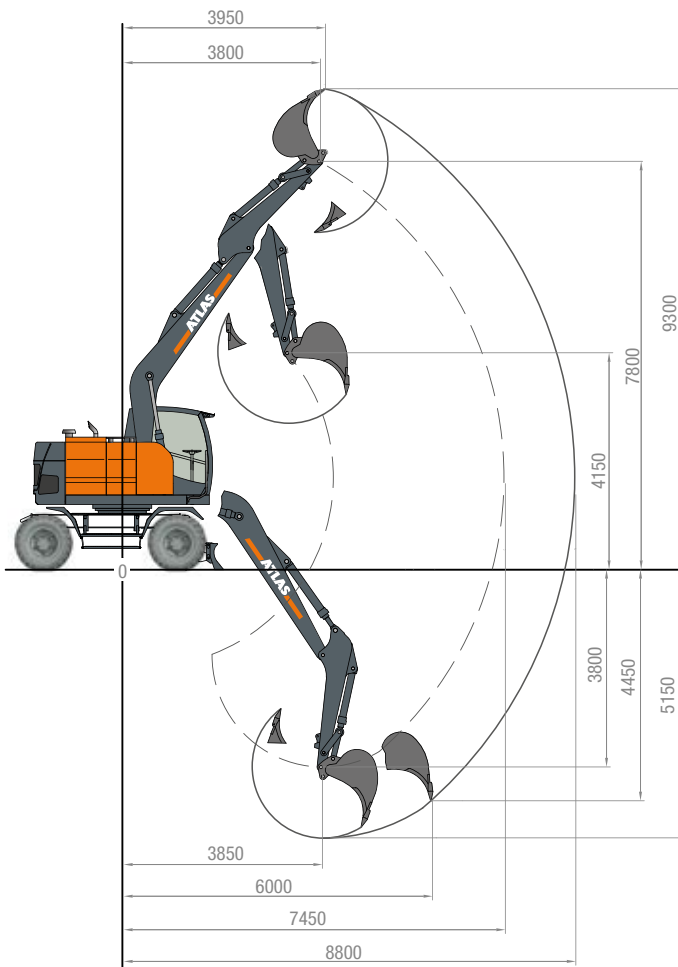
ATTACHMENTS (SELECTION)

	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

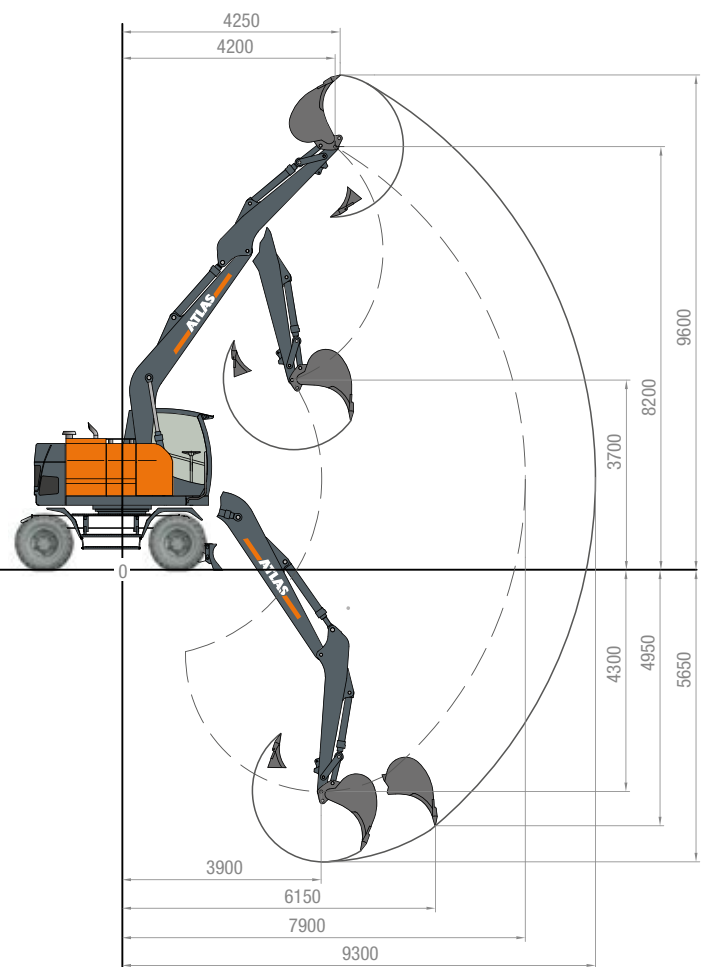
WORK AREAS 175Wsr

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). 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 SDB front. raised SDB supported SDB raised						5002 5002 4246* 3688*	4784 4784 3673* 3193*	4620 4620 3211* 2791*		
	LATERAL 											
+ 4.0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised				6395 6395 5740* 4933*	5813 5813 4820* 4161*	5372 5372 4131* 3576*	5030 5030 3594* 3115*	4760 4723* 3162* 2742*	4546 4176* 2803* 2430*	
	LATERAL 											
+ 3.0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised			8642 8642 6564* 5555*	7352 7352 5435* 4641*	6478 6478 4609* 3958*	5844 5844 3979* 3429*	5363 5276* 3484* 3009*	4985 4637* 3083* 2665*	4680 4119* 2751* 2379*	4427 3688* 2467* 2132*
	LATERAL 											
+ 2.0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised			4581 4581 4581 4581	8121 8121 5155* 4373*	7048 6935* 4405* 3762*	6265 5922* 3828* 3283*	5668 5151* 3371* 2899*	5198 4544* 2998* 2583*	4814 4053* 2689* 2319*	4483 3645* 2427* 2093*
	LATERAL 											
+ 1.0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised			4213 4213 4213 4213	8381 8125* 4982* 4208*	7318 6769* 4260* 3622*	6491 5791* 3711* 3170*	5839 5049* 3278* 2809*	5310 4465* 2927* 2513*	4866 3994* 2635* 2266*	4466 3608* 2392* 2059*
	LATERAL 											
+ 0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised		3328 3328 3328 3328	6213 6213 5972* 4994*	8170 8058* 4925* 4153*	7230 6692* 4193* 3557*	6448 5720* 3648* 3109*	5799 4989* 3224* 2757*	5250 4420* 2885* 2473*	4762 3964* 2608* 2239*	4267 3595* 2380* 2047*
	LATERAL 											
- 1.0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised		6606 6606 6606 6343*	8442 8442 6004* 5024*	7584 7584 4933* 4161*	6796 6686* 4188* 3552*	6100 5708* 3638* 3099*	5487 4979* 3215* 2748*	4928 4415* 2881* 2469*	4366 3970* 2613* 2245*	
	LATERAL 											
- 2.0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised	8437 8437 8437 8437	7921 7921 7765* 6431*	7278 7278 6076* 5093*	6613 6613 4987* 4212*	5972 5972 4228* 3591*	5364 5364 3671* 3131*	4772 4772 3248* 2780*	4125 4125 2922* 2509*		
	LATERAL 											
- 3.0 m	FRONT 	SDB rear. supported SDB front. raised SDB supported SDB raised	6209 6209 6209 6209	5955 5955 5955 5955	5557 5557 5557 5211*	5084 5084 5084 4313*	4557 4557 4323* 3682*	3948 3948 3765* 3222*				
	LATERAL 											

Lifting Capacities: Monoblock boom 4.85 m (C6.4MG) and Stick 2.65 m (D6.3). Max. Reach 9.30 m.

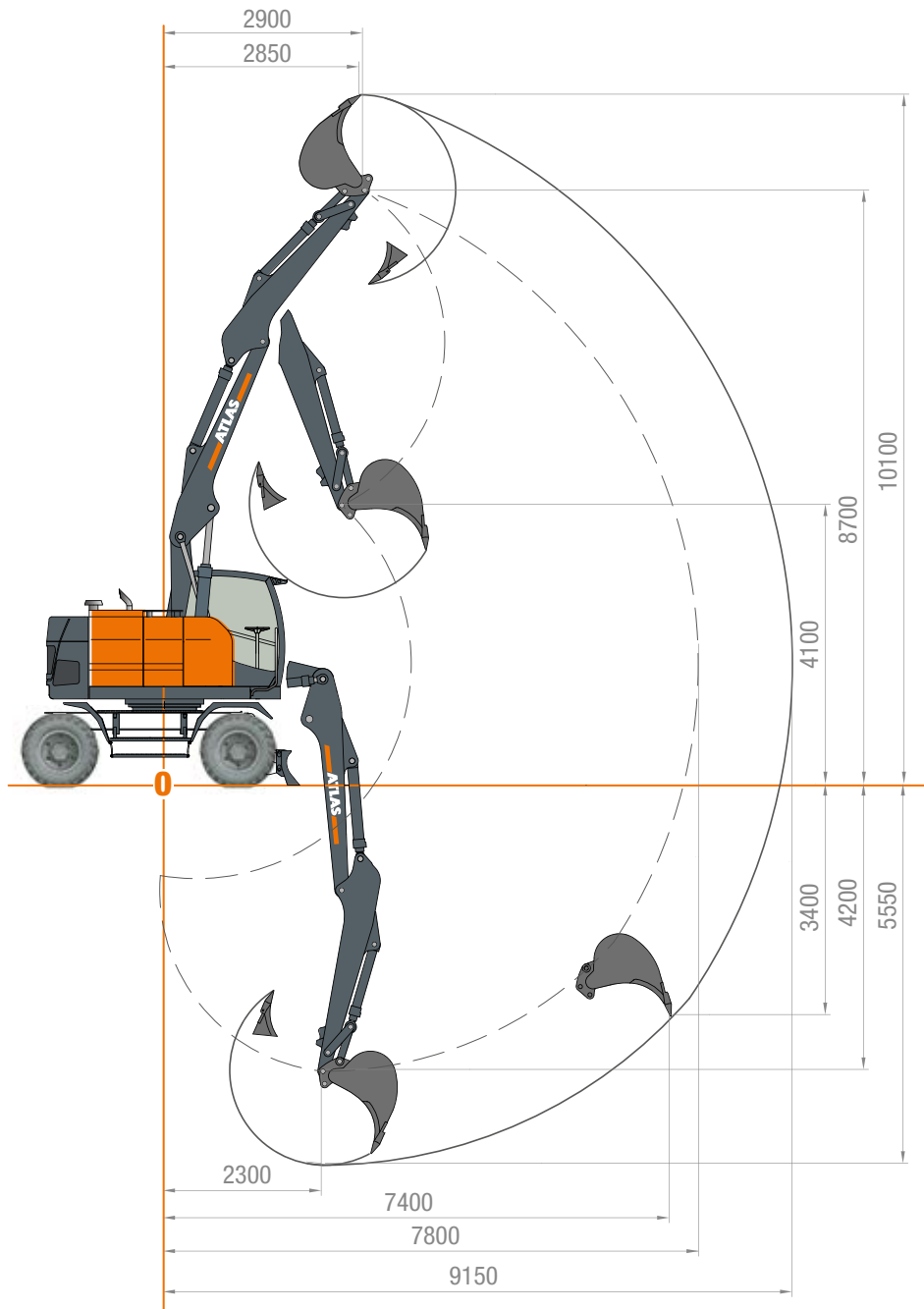
Height	Undercarriage type			2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m
+ 5.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised							4429 4429 3730* 3247*	4289 4289 3261* 2837*	4181 4181 2873* 2497*		
	LATERAL													
+ 4.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised					4996 4996 4193* 3634*	4711 4711 3639* 3159*	4479 4479 3197* 2775*	4290 4213* 2833* 2458*	4137 3755* 2525* 2188*		
	LATERAL													
+ 3.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised		9478 9478 8541* 7154*	7851 7851 6756* 5734*	6797 6797 5550* 4749*	6056 6056 4683* 4027*	5507 5507 4029* 3476*	5084 5084 3517* 3040*	4748 4667* 3106* 2687*	4475 4141* 2767* 2393*	4247 3707* 2481* 2145*	3720 3339* 2234* 1928*
	LATERAL													
+ 2.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised			9128 9128 6293* 5296*	7711 7711 5231* 4444*	6726 6726 4452* 3805*	6003 5961* 3857* 3310*	5452 5176* 3388* 2914*	5017 4558* 3007* 2590*	4664 4060* 2692* 2321*	4366 3649* 2427* 2092*	4102 3301* 2198* 1893*
	LATERAL													
+ 1.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised		2704 2704 2704 2704	6144 6144 6007* 5025*	8227 8154* 5000* 4222*	7155 6787* 4270* 3630*	6343 5800* 3714* 3171*	5712 5051* 3275* 2805*	5207 4462* 2919* 2505*	4790 3986* 2624* 2254*	4432 3594* 2376* 2042*	4099 3265* 2164* 1860*
	LATERAL													
+ 0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised		4142 4142 4142 4142	6810 6810 5903* 4926*	8259 8015* 4881* 4109*	7242 6660* 4159* 3523*	6435 5693* 3619* 3079*	5783 4963* 3196* 2728*	5245 4392* 2856* 2443*	4788 3934* 2576* 2207*	4378 3559* 2344* 2010*	
	LATERAL													
- 1.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised		6295 6295 6295 6190*	8909 8909 5899* 4921*	7890 7890 4856* 4085*	6994 6623* 4126* 3491*	6247 5654* 3585* 3046*	5618 4930* 3166* 2699*	5074 4367* 2833* 2421*	4584 3919* 2562* 2193*	4095 3556* 2341* 2007*	
	LATERAL													
- 2.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised		8977 8977 7592* 6266*	7994 7994 5950* 4970*	7132 7132 4887* 4115*	6381 6381 4144* 3509*	5721 5668* 3597* 3058*	5132 4942* 3177* 2710*	4580 4383* 2848* 2435*	4006 3945* 2586* 2217*		
	LATERAL													
- 3.0 m	FRONT		SDB rear. supported SDB front. raised SDB supported SDB raised	7965 7965 7965 7965	7232 7232 7232 6394*	6544 6544 6054* 5069*	5902 5902 4969* 4193*	5298 5298 4213* 3575*	4717 4717 3659* 3118*	4122 4122 3240* 2771*				
	LATERAL													

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 175Wsr

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). Max. Reach 9.15 m

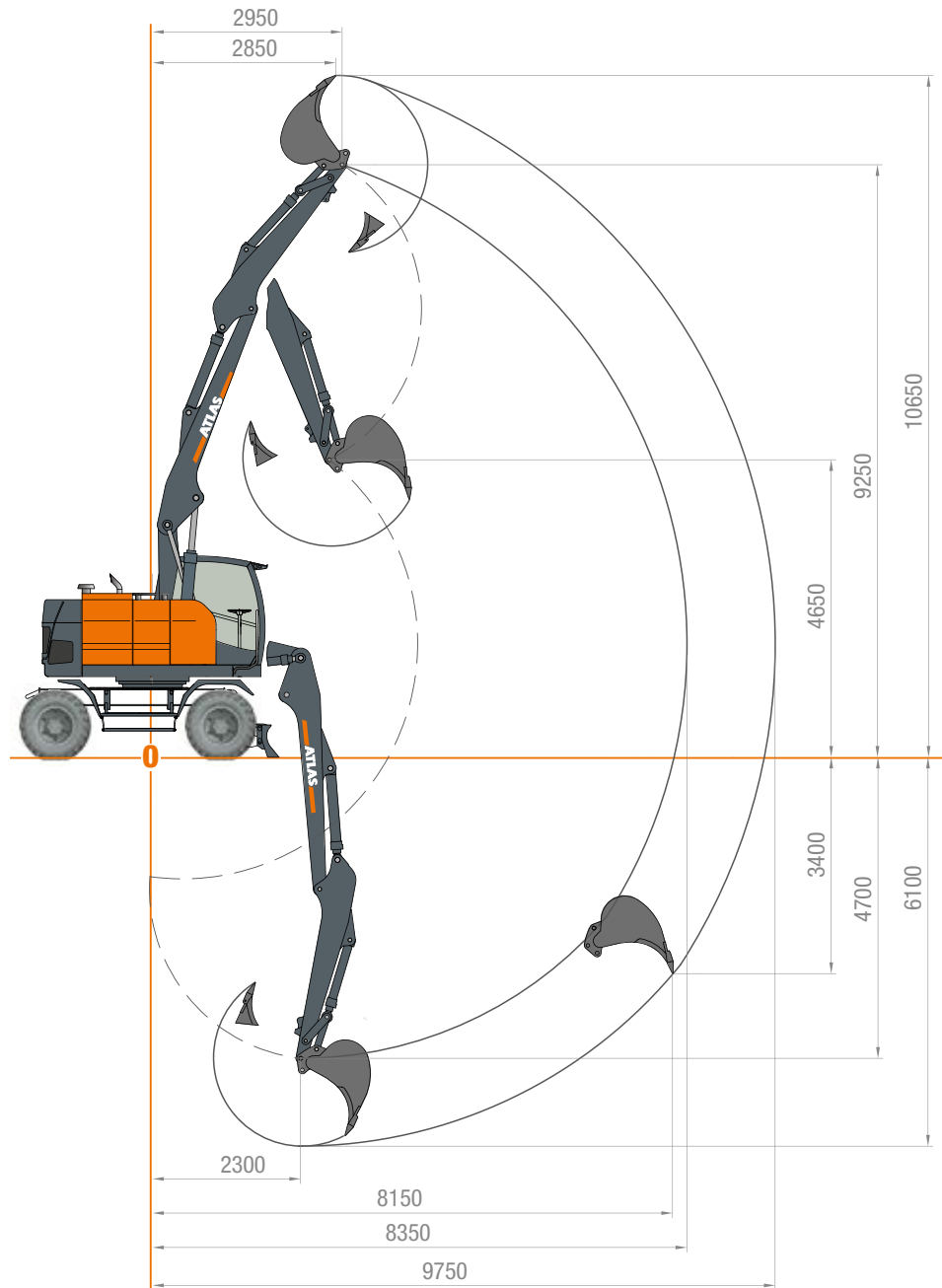
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m
+ 6.0 m	FRONT 	SDB rear, supported					4674	4648	4519	4173			
		SDB front, raised					4674	4648	4519	4173			
	LATERAL 	SDB supported					4674	4397*	3818*	3288*			
		SDB raised					4513	3875*	3348*	2863*			
+ 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*		

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

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

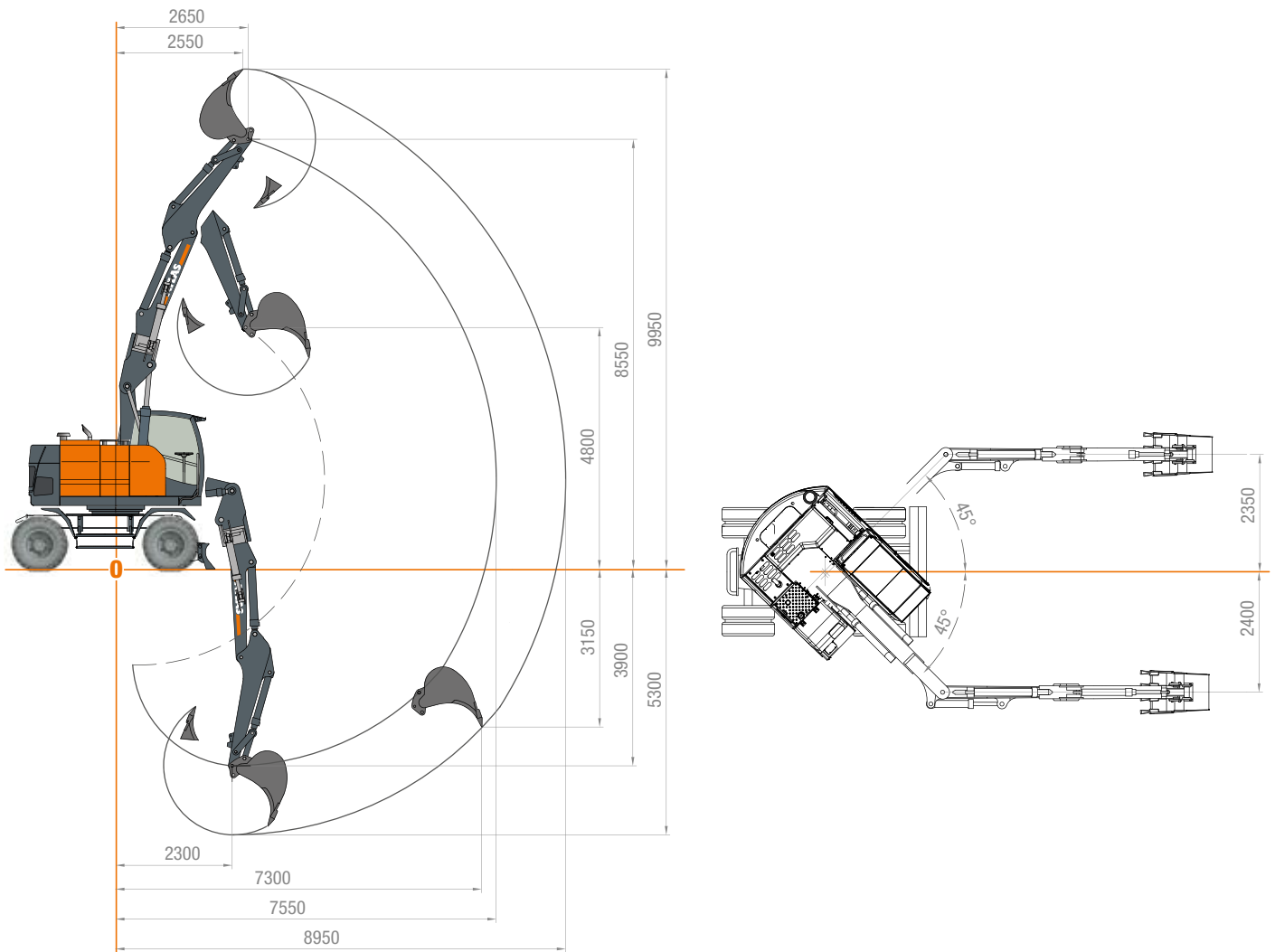
Lifting Capacities: Adjustable Boom, Base arm 1.87 m (C6.41) and Boom 3.62 m (C6.461) with Stick 2.65 m (D6.3). Max. Reach 9.75 m

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. Ladekapazitäten 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

Adjustable Boom 1.87 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 1.87 m (C6.41) and boom 3.35 m (C6.47).

LIFTING CAPACITIES 175Wsr

Lifting Capacities: Adjustable Boom, Base arm 1.87 m (C6.41) and boom 3.35 m (C6.47) with Stick 2.65 m (D6.3). Max. reach 8.95 m

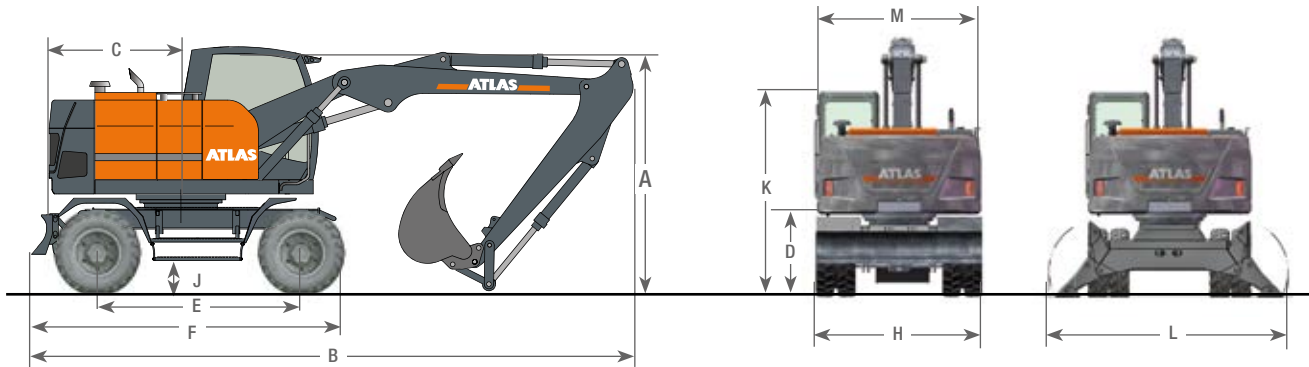
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m
+ 5.0 m	FRONT 	SDB rear, supported				4701	4861	4685	4453	4260	4102	3856	
		SDB front, raised				4701	4861	4685	4453	4260	4102	3723*	
	LATERAL 	SDB supported				4701	4861	4320*	3765*	3319	2891*	2490*	
		SDB raised				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.

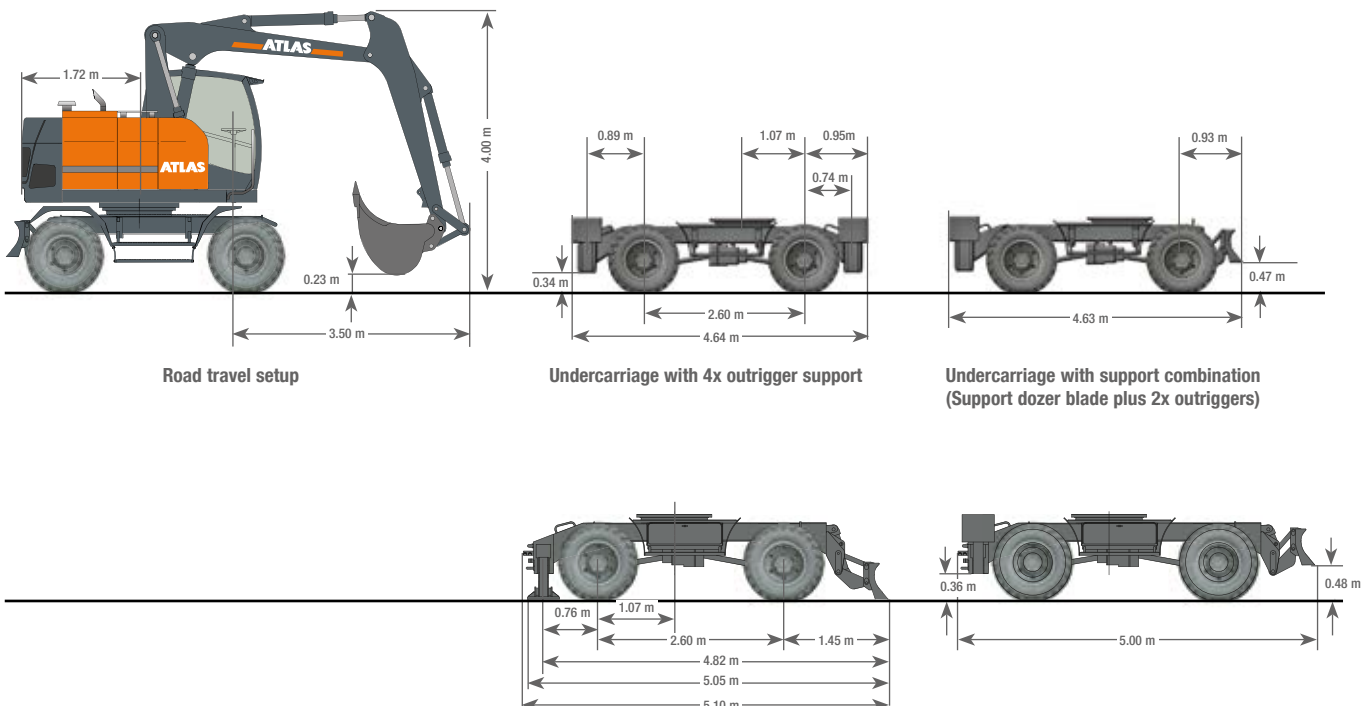
DIMENSIONS 175Wsr

175Wsr Transport position



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)





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