



ATLAS

SINCE 1919

**STABLE.
STRONG.
STEADY.**

 16.0 - 17.8 t

 105 kW (143 HP)

 0.7 - 1.3 m³



WHEELED EXCAVATOR 160W

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TECHNICAL SPECIFICATION 160W

Technical specifications

ENGINE

Power rating 105 kW (143 HP)	Number of cylinders 6	Alternator 24 V / 100 Ah
RPM 1800/min	Bore / cylinder stroke 101 / 126	Starter 24 V / 4.8 kW
Make / model Deutz TCD 6.1 (Tier 4F)	Cooling system Water-cooled	
Design Turbocharger / charge-air cooling	Air filter Dry air filter	
Displacement 6057 cm ³	Battery 2 x 12 V / 100 Ah	

HYDRAULIC SYSTEM

<ul style="list-style-type: none"> • AWE 5 system (Load sensing) • Load limit controlled high-performance pump • Fuel-efficient flow-on-demand control • Sensitive, proportional, independent control • Primary and secondary protection against overload 	<ul style="list-style-type: none"> • Suction valves for all work functions • Load-retaining and fine lowering valves in lifting circuit • Pipe break protection valves for lifting and articulated cylinders • Proportional grab/grab rotating function 	<ul style="list-style-type: none"> • 2 additional circuits for additional consumer loads possible • Max. oil flow 260 l/min • Max. operating pressure 350 bar • Operating modes: 3 pre-programmed modes (Fine, Eco, Power)
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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.

- Max. swing speed 9/min
- Swing torque 41 kNm

TRACTION DRIVE AND BRAKES

<ul style="list-style-type: none"> • Variable displacement motor • Power-shift transmission • Double-acting brake valve • Travel direction pre-selection via buttons in joystick 	<ul style="list-style-type: none"> • Automotive drive: • Max. speed 20 km/h • Off-road speed 5 km/h • Crawling speed 1 km/h • High-speed execution 35 km/h 	<ul style="list-style-type: none"> • Tractive force 92.7 kN • Max. gradeability 55 % • Dual-circuit brake system Multi-disc • Parking brake Multi-disc
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UNDERCARRIAGE

<ul style="list-style-type: none"> • 28 tons special excavator axles • Steering axle with automatic oscillating axle locking 	<ul style="list-style-type: none"> • 8 tires (twins) 10.00 - 20 	<ul style="list-style-type: none"> • 4 tires (optional) 710 - 22.5
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FILL CAPACITIES

<ul style="list-style-type: none"> • Fuel tank 301 litres • Cooling system 38 litres 	<ul style="list-style-type: none"> • Engine oil 14 litres • Hydraulic tank 180 litres 	<ul style="list-style-type: none"> • Hydraulic system 220 litres • Ad Blue 32 litres
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DRIVER'S CAB

<ul style="list-style-type: none"> • Meets latest safety standards (ROPS) • Extra large entry zone • Spacious leg room • Excellent circumferential visibility • Preparation for radio installation with mute function 	<ul style="list-style-type: none"> • Seat adjustable separately from console • Ergonomic joysticks with proportional slide control • Slim steering column, height and tilt adjustable • Indicators, controls and operating switches are clearly arranged 	<p>CLIMATE CONTROL:</p> <ul style="list-style-type: none"> • Air conditioning equipped as standard • Excellent air distribution through optimally arranged nozzles <p>SOUND LEVELS:</p> <ul style="list-style-type: none"> • ISO 6396 (L_{pA}) in driver's cab 72 dB(A) • 2000/14 EG (L_{wA}) ambience level...97 dB(A)
<p>DRIVER'S SEAT:</p> <ul style="list-style-type: none"> • Air-cushioned comfort seat (seat heating optional) • Arm rests and lumbar support 	<p>MONITORING:</p> <ul style="list-style-type: none"> • Operating data display screen • Automatic system for monitoring, warning and storage of data 	

WORKING EQUIPMENT 160W

Working 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 and dozer blade	16.0 t	16.1 t	16.4 t	16.5 t
SDB / outriggers	17.1 t	17.2 t	17.5 t	17.6 t
4 outriggers	17.3 t	17.4 t	17.7 t	17.8 t

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

EQUIPMENT

BASIC UNIT ATLAS 160W (can be combined)		
<ul style="list-style-type: none"> Wheel Excavator 160W with support and dozer blade (SDB) and 2 lifting cylinders (A6.2) 	STANDARD EQUIPMENT:	<ul style="list-style-type: none"> Ready for electric cooling box
SDB = support and dozer blade	Engine:	<ul style="list-style-type: none"> Different options for storage, compartment for documents Seat adjustable separately from console Rear view security camera Heat-absorbing glass, tinted windows Automotive drive
BOOMS:	<ul style="list-style-type: none"> Automatic idling system Diesel pre-filter Engine monitoring Cold start assistance 	<ul style="list-style-type: none"> Operating data display screen
<ul style="list-style-type: none"> Monoblock boom with stick cylinder 4.32 m (C6.3M) Adjustable boom consisting of base arm 1.87 m (C6.41) adjustable cylinder plus boom 3.10 m (C6.46) with stick cylinder 	HYDRAULIC SYSTEM:	<ul style="list-style-type: none"> Bottle holder
STICKS:	<ul style="list-style-type: none"> Proportional grab/grab rotating function Accumulator for emergency lowering of boom system Pipe break protection valves for lifting and articulated cylinders Max. load-limit control 	EQUIPMENT:
<ul style="list-style-type: none"> Stick 2.15 m (D6.2) Stick 2.65 m (D6.3) 	<ul style="list-style-type: none"> Cylinder end position damping 	<ul style="list-style-type: none"> Joint bearings in stick and bucket cylinders Combined lubricating points for swing bearing and arm equipment
BUCKET TIPPING CYLINDER:	Cab:	UNDERCARRIAGE:
<ul style="list-style-type: none"> Bucket tipping cylinder with bucket linkage (F6.1) 	<ul style="list-style-type: none"> 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 Toolbox in undercarriage

ADDITIONAL EQUIPMENT

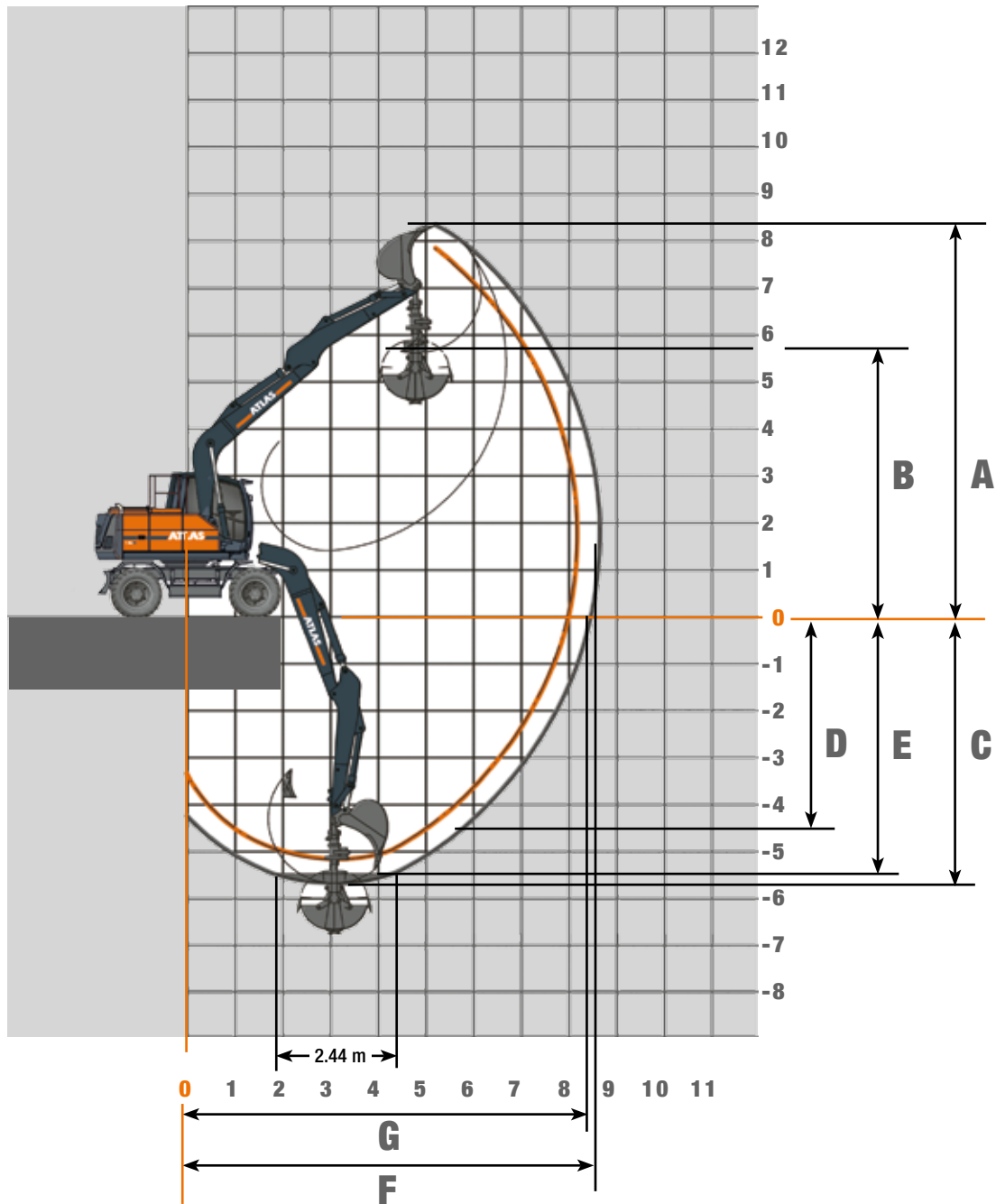
Engine:	Equipment:	<ul style="list-style-type: none"> 270° camera system
<ul style="list-style-type: none"> Refueling pump 	<ul style="list-style-type: none"> Automatically controlled and monitored electric central lubrication system for uppercarriage and arm equipment 	<ul style="list-style-type: none"> Cab elevation
<ul style="list-style-type: none"> Engine speed adjustment via potentiometer Auxiliary heating 	Cab:	<ul style="list-style-type: none"> LED working lights Proportional control of supports by slide in joystick
Hydraulics:	<ul style="list-style-type: none"> GPS/GSM telemetric system for monitoring of operating data, consumption, position Heated driver's seat 	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"> Radio CD/MP3, front AUX in, USB Electric cooling box Joystick steering 	<ul style="list-style-type: none"> Wide axles (overall width 2750 mm) Wide dozer blade (2750 mm) Gear protection High-speed option 37 km/h
		Further 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

WORKING RANGES 160W

Working ranges Monoblock boom 4.32 m (C6.3M)



STICK LENGTHS	2.15 m (D6.2)	2.5 m (D6.3)
A Max. digging height	8.10 m	8.35 m
B Max. dumping height	5.35 m	5.65 m
C Max digging depth	5.20 m	5.70 m
D Max. vertical wall digging depth	4.05 m	4.55 m
E Max. digging depth of cut for 2.44 m level	4.95 m	5.50 m
F Max. digging reach	8.25 m	8.70 m
G Max. digging reach at ground level	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 160W

Lifting capacities Monoblock boom 4.32 m (C6.3M)

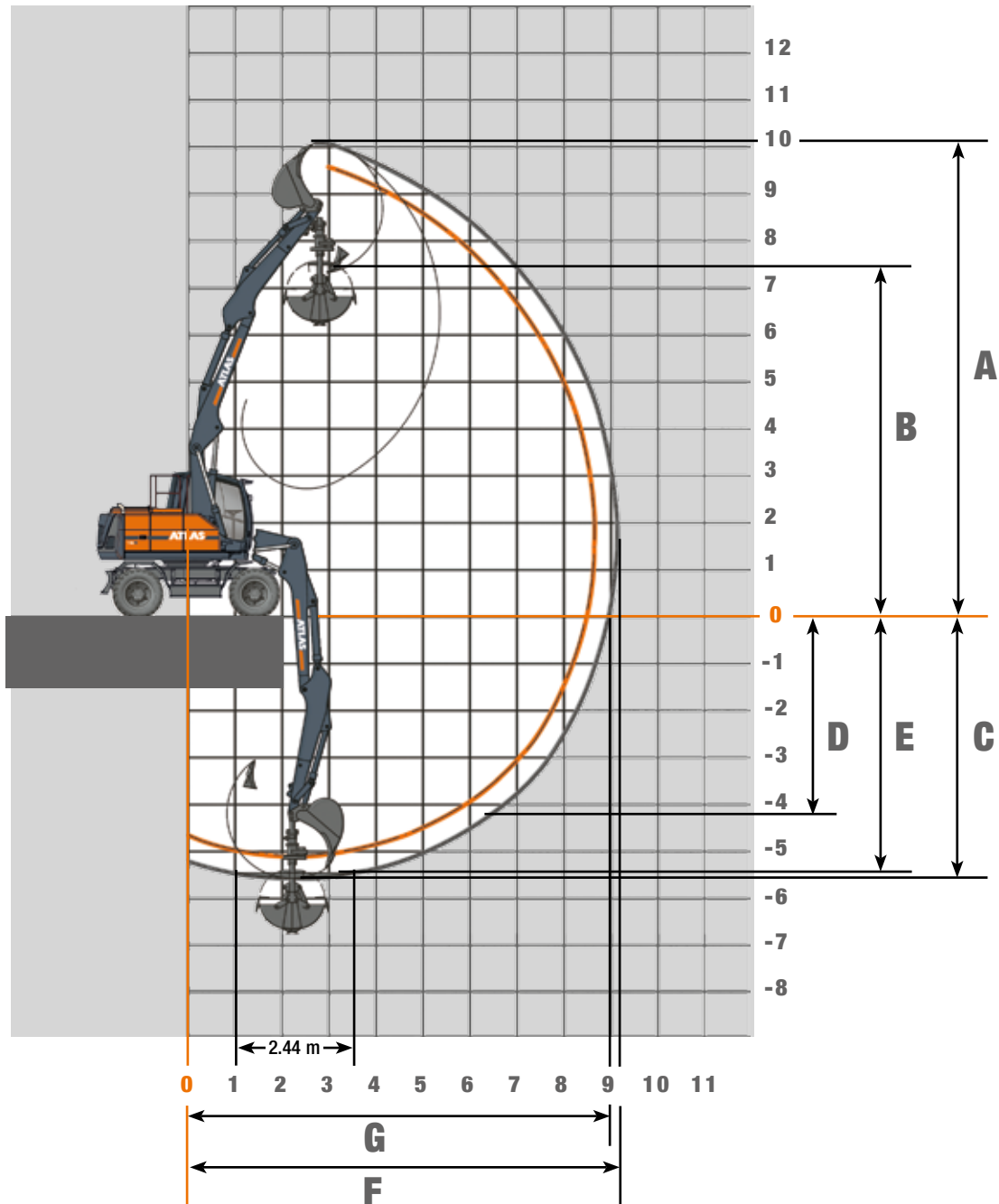
Lifting capacities Monoblock boom 4.32 m (C6.3M) and stick 2.15 m (D6.2). Max reach 8.20 m											
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m
+ 5.0 m	FRONT								4195		
	LATERAL								4195		
+ 4.0 m	FRONT							4504	4338	4228	
	LATERAL							4504	4338	4020*	3570*
+ 3.0 m	FRONT				6809	5963	5382	4964	4652	4418	4251
	LATERAL				6809	5963	5382	4964	4479*	3964*	3535*
+ 2.0 m	FRONT				8168	6915	6067	5460	5008	4660	4386
	LATERAL				8164*	6763*	5749*	4981*	4378*	3892*	3488*
+ 1.0 m	FRONT				8919	7551	6570	5844	5289	4849	4480
	LATERAL				7912*	6564*	5595*	4863*	4288*	3825*	3443*
+ 0 m	FRONT			7473	9006	7733	6759	5999	5392	4885	4143
	LATERAL			7473	9006	7733	6759	5999	5392	4885	4143
- 1.0 m	FRONT		8120	9990	8609	7495	6594	5853	5219	4614	
	LATERAL		8120	9930*	7818*	6446*	5483*	4769*	4219*	3789*	
- 2.0 m	FRONT		10191	8825	7706	6768	5961	5228	4445		
	LATERAL		10191	8825	7706	6495*	5523*	4809*	4275*		
- 3.0 m	FRONT		7787	6855	6019	5220	4339				
	LATERAL		7787	6855	6019	5220	4339				

Lifting capacities Monoblock boom 4.32 m (C6.3M) and 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									3762	1902	
	LATERAL									3762	1902	
+ 4.0 m	FRONT								3958	3870	3817	
	LATERAL								3958	3870	3605*	3204*
+ 3.0 m	FRONT							4571	4317	4120	3969	3152
	LATERAL							4571	4317	3991*	3559*	3152
+ 2.0 m	FRONT				7464	6394	5660	5129	4729	4420	4176	3896
	LATERAL				7464	6394	5660	5013*	4398*	3904*	3496*	3152*
+ 1.0 m	FRONT				8523	7212	6287	5607	5091	4685	4356	4027
	LATERAL				7959*	6594*	5612*	4871*	4289*	3821*	3434*	3110*
+ 0 m	FRONT			7828	8936	7618	6638	5891	5305	4831	4427	2926
	LATERAL			7828	8936	7618	6638	5891	5305	4831	4427	2926
- 1.0 m	FRONT			10073	8813	7598	6655	5906	5293	4769	4270	
	LATERAL			9806*	7733*	6380*	5427*	4718*	4169*	3734*	3383*	
- 2.0 m	FRONT		10511	9541	8197	7139	6281	5560	4923	4279		
	LATERAL		10511	9541	8197	7139	6281	5560	4923	4279		
- 3.0 m	FRONT		9333	8003	6953	6076	5298	4539				
	LATERAL		9333	8003	6953	6076	5298	4539				

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.

WORKING RANGES 160W

Working ranges 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. digging height	9.70 m	10.10 m
B Max. dumping height	6.95 m	7.35 m
C Max digging depth	5.10 m	5.60 m
D Max. vertical wall digging depth	3.80 m	4.30 m
E Max. digging depth of cut for 2.44 m level	5.00 m	5.50 m
F Max. digging reach	8.70 m	9.20 m
G Max. digging reach at ground level	8.55 m	9.00 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 160W

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

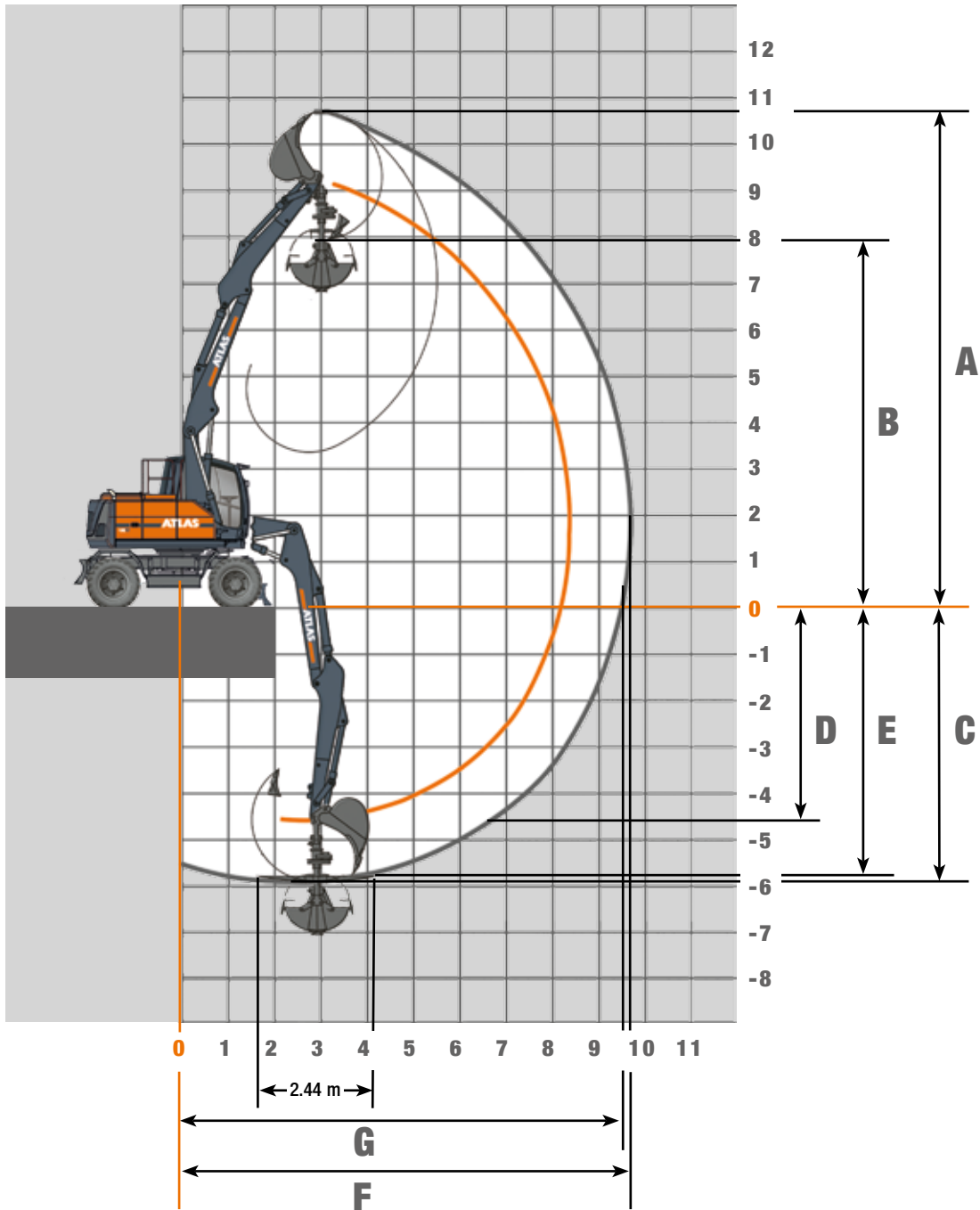
Lifting capacities Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.10 m (C6.46) with stick 2.15 m (D6.2). Max reach 8.70 m												
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m
+ 6.0 m	FRONT					5058	4799	4597	4452			
						5058	4799	4597	4452			
	LATERAL					5058	4799	4597	4452			
						5058	4799	4597	4071*			
+ 5.0 m	FRONT			5477	5870	5385	5008	4710	4471	4284	3782	
				5477	5870	5385	5008	4710	4471	4284	3782	
	LATERAL			5477	5870	5385	5008	4710	4471	4018*	3509*	
				5477	5870	5385	5008	4641*	4077*	3587*	3109*	
+ 4.0 m	FRONT			7694	6804	6018	5445	5008	4665	4389	4165	
				7694	6804	6018	5445	5008	4665	4389	4165	
	LATERAL			7694	6804	6018	5445	5008	4484*	3995*	3549*	
				7694	6804	6018	5266	4577*	4040*	3605*	3149*	
+ 3.0 m	FRONT			7688	7604	6794	5980	5383	4924	4559	4259	4000
				7688	7604	6794	5980	5383	4924	4559	4259	4000
	LATERAL			7688	7604	6752*	5768*	5019*	4437*	3968*	3541*	3118*
				7688	7211*	6035*	5169	4514*	4002*	3591*	3142*	2760*
+ 2.0 m	FRONT		8959	8729	8203	7381	6416	5700	5149	4708	4342	4017
			8959	8729	8203	7381	6416	5700	5149	4708	4342	4017
	LATERAL		8959	8729	7996*	6659*	5695*	4972*	4407*	3962*	3501*	3093*
			8959	8729	7116*	5958*	5117*	4479*	3984*	3548*	3101*	2735*
+ 1.0 m	FRONT		10369	9557	8645	7517	6570	5831	5241	4756	4354	4018
			10369	9557	8645	7517	6570	5831	5241	4756	4354	4018
	LATERAL		10369	9557	7986*	6646*	5685	4969*	4420*	3912*	3437*	3048*
			10369	8826*	7102*	5949*	5114	4489*	3992*	3462*	3039*	2691*
+ 0 m	FRONT		12250	10522	8832	7541	6581	5839	5249	4774	4391	3780
			12250	10522	8832	7541	6581	5839	5249	4774	4391	3780
	LATERAL		12250	10090	8052*	6692*	5736*	5042*	4370*	3812*	3366*	3017*
			11754*	8911*	7176*	5998*	5119*	4444*	3857*	3364*	2970*	2661*
- 1.0 m	FRONT		13541	10775	8931	7624	6654	5913	5360	4781	3987	
			13541	10775	8931	7624	6654	5913	5360	4781	3987	
	LATERAL		13541	10262*	8147*	6726*	5713*	4895*	4237*	3727*	3325*	
			11643*	8776*	7034*	5858*	5005*	4301*	3728*	3282*	2930*	
- 2.0 m	FRONT		13838	11022	9176	7869	6804	5860	4897	3700		
			13838	11022	9176	7869	6804	5860	4897	3700		
	LATERAL		13838	10230*	8081*	6633*	5565*	4777*	4171*	3700		
			11589*	8710*	6972*	5769*	4863*	4187*	3664*	3260*		

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						4375	4215	4086	3991			
							4375	4215	4086	3991			
	LATERAL						4375	4215	4086	3991			
							4375	4215	4086	3623*			
+ 5.0 m	FRONT					4638	4606	4368	4170	4005	3872	3070	
						4638	4606	4368	4170	4005	3872	3070	
	LATERAL					4638	4606	4368	4170	4005	3605*	3070	
						4638	4606	4368	4092*	3630*	3215*	2808*	
+ 4.0 m	FRONT			5552	5730	5523	5056	4690	4396	4155	3954	3786	
				5552	5730	5523	5056	4690	4396	4155	3954	3786	
	LATERAL			5552	5730	5523	5056	4690	4396	3993*	3588*	3196*	
				5552	5730	5523	5056	4587*	4040*	3600	3236*	2840*	
+ 3.0 m	FRONT			7628	7325	6334	5630	5104	4694	4365	4094	3863	3656
				7628	7325	6334	5630	5104	4694	4365	4094	3863	3656
	LATERAL			7628	7325	6334	5630	5015*	4425*	3950*	3564	3187*	2825*
				7628	7242*	6054*	5175*	4511*	3985*	3566	3222*	2833*	2502*
+ 2.0 m	FRONT		9051	8763	8122	7061	6159	5491	4977	4566	4229	3939	3673
			9051	8763	8122	7061	6159	5491	4977	4566	4229	3939	3673
	LATERAL		9051	8763	7967*	6634	5675*	4947*	4373*	3918*	3553	3153*	2803*
			9051	8763	7081*	5928*	5088*	4450*	3945*	3545	3176*	2798*	2479*
+ 1.0 m	FRONT		9839	9249	8516	7420	6462	5729	5153	4687	4297	3959	3663
			9839	9249	8516	7420	6462	5729	5153	4687	4297	3959	3663
	LATERAL		9839	9249	7905*	6578*	5631*	4913*	4359	3923*	3501*	3098*	2765*
			9839	8723	7035*	5883*	5055*	4430*	3941*	3547*	3107*	2741*	2440*
+ 0 m	FRONT		11371	10113	8706	7440	6495	5761	5175	4697	4303	3984	3463
			11371	10113	8706	7440	6495	5761	5175	4697	4303	3984	3463
	LATERAL		11371	9945*	7938*	6600	5649*	4938*	4405*	3881*	3416*	3034*	2732*
			11371	8783*	7067	5909*	5082*	4469*	3930*	3433*	3017*	2676*	2407*
- 1.0 m	FRONT		12929	10592	8780	7495	6537	5799	5215	4762	4339	3724	
			12929	10592	8780	7495	6537	5799	5215	4762	4339	3724	
	LATERAL		12929	10073*	8047*	6699*	5721*	4954*	4303*	3762*	3332*	2989*	
			11656*	8792*	7048*	5867*	5011*	4357*	3791*	3315*	2935*	2633*	
- 2.0 m	FRONT		13546	10774	8935	7634	6682	5970	5295	4586	3653		
			13546	10774	8935	7634	6682	5970	5295	4586	3653		
	LATERAL		13546	10184*	8043*	6637*	5627*	4803*	4174*	3686*	3297*		
			11522*	8664*	6933*	5770*	4921*	4211*	3665*	3241*	2900*		

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.

WORKING RANGES 160W

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 160W

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			5406	4969	4628	4357	4140	3971	3863		
		SDB front, raised			5406	4969	4628	4357	4140	3971	3863		
	LATERAL 	SDB supported			5406	4969	4628	4357	4140	3961*	3468*		
		SDB raised			5406	4969	4628	4357	4028*	3551*	3064*		
+ 5.0 m	FRONT 	SDB rear, supported		6374	6038	5408	4933	4564	4269	4030	3836	3687	
		SDB front, raised		6374	6038	5408	4933	4564	4269	4030	3836	3687	
	LATERAL 	SDB supported		6374	6038	5408	4933	4564	4269	3932*	3520*	3093*	
		SDB raised		6374	6038	5408	4933	4535*	3985*	3539*	3147*	2731*	
+ 4.0 m	FRONT 	SDB rear, supported		5995	6422	6090	5404	4894	4499	4185	3928	3714	3534
		SDB front, raised		5995	6422	6090	5404	4894	4499	4185	3928	3714	3534
	LATERAL 	SDB supported		5995	6422	6090	5404	4894	4357*	3883*	3494*	3127*	2712*
		SDB raised		5995	6422	5958*	5101	4441*	3920*	3501*	3153	2764*	2414*
+ 3.0 m	FRONT 	SDB rear, supported		5905	6297	6379	5905	5251	4755	4365	4047	3781	3547
		SDB front, raised		5905	6297	6379	5905	5251	4755	4365	4047	3781	3547
	LATERAL 	SDB supported		5905	6297	6379	5553*	4844*	4288*	3836	3466*	3119*	2747*
		SDB raised		5905	6297	5793*	4981*	4357*	3864*	3464*	3137*	2757*	2419*
+ 2.0 m	FRONT 	SDB rear, supported		6965	7272	7119	6762	6229	5506	4947	4502	4137	3827
		SDB front, raised		6965	7272	7119	6762	6229	5506	4947	4502	4137	3827
	LATERAL 	SDB supported		6965	7272	7119	6389*	5474*	4787*	4242*	3810*	3460	3080*
		SDB raised		6965	7272	6824*	5718*	4914	4308	3829	3446*	3110*	2719*
+ 1.0 m	FRONT 	SDB rear, supported		7115	8317	7798	7139	6266	5561	4998	4535	4149	3824
		SDB front, raised		7115	8317	7798	7139	6266	5561	4998	4535	4149	3824
	LATERAL 	SDB supported		7115	8317	7682	6383*	5467	4773*	4240*	3820*	3433*	3020*
		SDB raised		7115	8317	6836*	5710*	4911*	4306	3839	3482*	3030*	2659*
+ 0 m	FRONT 	SDB rear, supported		9280	9618	8442	7220	6288	5572	5004	4543	4165	3871
		SDB front, raised		9280	9618	8442	7220	6288	5572	5004	4543	4165	3871
	LATERAL 	SDB supported		9280	9618	7759	6442*	5509*	4821	4301	3810*	3334*	2948*
		SDB raised		9280	8593*	6904*	5772*	4964*	4334*	3821*	3358*	2934*	2589*
- 1.0 m	FRONT 	SDB rear, supported		12630	10388	8582	7307	6362	5637	5068	4635	4230	3645
		SDB front, raised		12630	10388	8582	7307	6362	5637	5068	4635	4230	3645
	LATERAL 	SDB supported		12630	9903*	7896*	6544*	5568*	4834*	4222*	3676*	3242*	2901*
		SDB raised		11246*	8479*	6805*	5676*	4859*	4236*	3708*	3227*	2844*	2543*
- 2.0 m	FRONT 	SDB rear, supported		13341	10585	8760	7473	6534	5842	5185	4487	3609	
		SDB front, raised		13341	10585	8760	7473	6534	5842	5185	4487	3609	
	LATERAL 	SDB supported		13341	9944*	7853*	6485*	5519*	4716*	4086*	3593*	3206*	
		SDB raised		11224*	8431*	6746*	5619*	4811*	4122*	3576*	3146*	2808*	

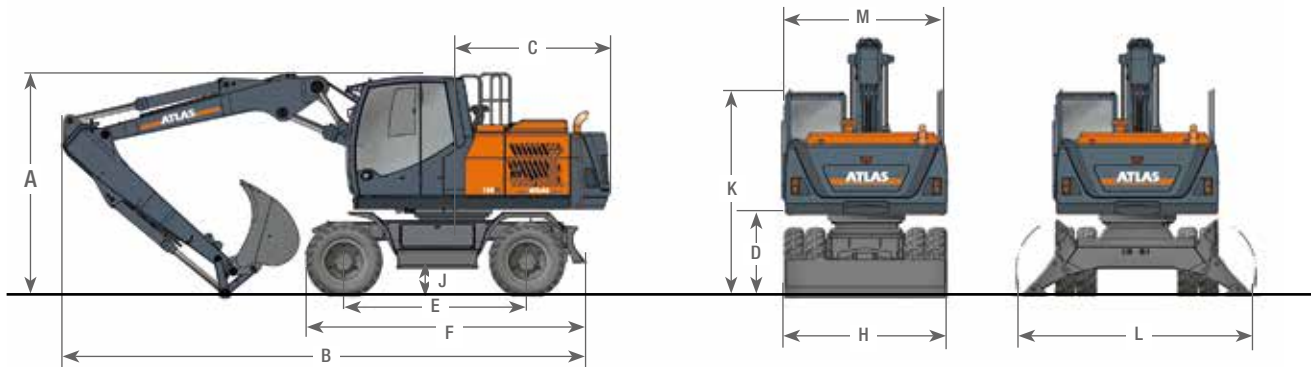
Lifting capacities Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.62 m (C6.461) with stick 2.65 m (D6.3). Max reach 9.20 m

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			4507	4793	4584	4272	4017	3806	3630	3484	3368	
		SDB front, raised			4507	4793	4584	4272	4017	3806	3630	3484	3368	
	LATERAL 	SDB supported			4507	4793	4584	4272	4017	3806	3530	3180*	2807*	
		SDB raised			4507	4793	4584	4272	4008*	3553*	3177*	2840*	2478*	
+ 4.0 m	FRONT 	SDB rear, supported		6203	6432	5638	5059	4617	4268	3986	3752	3556	3388	2888
		SDB front, raised		6203	6432	5638	5059	4617	4268	3986	3752	3556	3388	2888
	LATERAL 	SDB supported		6203	6432	5638	5059	4617	4268	3884*	3491*	3157*	2833*	2496*
		SDB raised		6203	6432	5638	5059	4456*	3926*	3500*	3145*	2848*	2506*	2195*
+ 3.0 m	FRONT 	SDB rear, supported		6023	6391	6400	5598	5008	4555	4196	3902	3656	3445	3252
		SDB front, raised		6023	6391	6400	5598	5008	4555	4196	3902	3656	3445	3252
	LATERAL 	SDB supported		6023	6391	6400	5565*	4845*	4278*	3820*	3445	3132*	2826*	2499*
		SDB raised		6023	6391	5818	4985*	4354*	3852*	3446	3109	2834*	2499*	2199*
+ 2.0 m	FRONT 	SDB rear, supported		7128	7319	7139	6770	6027	5333	4800	4377	4032	3742	3490
		SDB front, raised		7128	7319	7139	6770	6027	5333	4800	4377	4032	3742	3490
	LATERAL 	SDB supported		7128	7319	7139	6357*	5445*	4757*	4213*	3776	3415*	3123*	2792*
		SDB raised		7128	7319	6782*	5688*	4887*	4277*	3797*	3407*	3091*	2805*	2463*
+ 1.0 m	FRONT 	SDB rear, supported		8098	7946	7622	7041	6194	5489	4927	4471	4093	3770	3490
		SDB front, raised		8098	7946	7622	7041	6194	5489	4927	4471	4093	3770	3490
	LATERAL 	SDB supported		8098	7946	7587	6314*	5404	4719*	4183*	3758*	3416*	3095*	2736*
		SDB raised		8098	7946	6740*	5647*	4846*	4246*	3779	3403*	3115*	2734*	2408*
+ 0 m	FRONT 	SDB rear, supported		9371	9069	8182	7100	6190	5487	4927	4470	4090	3772	3522
		SDB front, raised		9371	9069	8182	7100	6190	5487	4927	4470	4090	3772	3522
	LATERAL 	SDB supported		9371	9069	7628	6337*	5422*	4733*	4206	3794*	3414*	3007*	2672*
		SDB raised		9371	8442*	6786*	5673	4871*	4270*	3811*	3414*	3011*	2646*	2345*
- 1.0 m	FRONT 	SDB rear, supported		11658	10062	8414	7166	6240	5526	4961	4505	4137	3842	3383
		SDB front, raised		11658	10062	8414	7166	6240	5526	4961	4505	4137	3842	3383
	LATERAL 	SDB supported		11658	9702*	7736*	6433*	5503*	4822*	4255*	3755*	3293*	2919*	2621*
		SDB raised		11227*	8478*	6808*	5679*	4859*	4234*	3739*	3303*	2893*	2560*	2295*
- 2.0 m	FRONT 	SDB rear, supported		13018	10352	8561	7294	6354	5636	5099	4648	4135	3444	
		SDB front, raised		13018	10352	8561	7294	6354	5636	5099	4648	4135	3444	
	LATERAL 	SDB supported		13018	9886*	7810*	6448*	5483*	4762*	4140*	3617*	3203*	2871*	
		SDB raised		11135*	8372*	6703*	5582*	4775*	4165*	3626*	3169*	2805*	2512*	
- 3.0 m	FRONT 	SDB rear, supported		13411	10679	8869	7604	6606	5741	4927	4083	2983		
		SDB front, raised		13411	10679	8869	7604	6606	5741	4927	4083	2983		
	LATERAL 	SDB supported		13411	9897*	7808*	6447*	5416*	4631*	4026*	3557*	2983		
		SDB raised		11176*	8383*	6701*	5580*	4711*	4038*	3516*	3110*	2786*		

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.

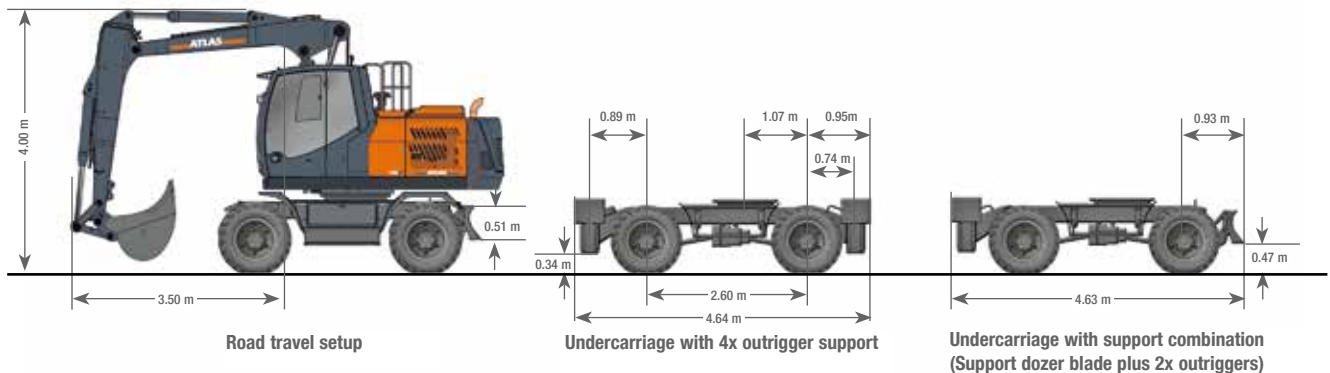
DIMENSIONS 160W

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 m7.60 m		

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



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