



ATLAS

SINCE 1919

-  16.0 - 17.8 t
-  105 kW (143 HP)
EU Stage V
-  0.7 - 1.3 m³

STABLE. STRONG. STEADY.



WHEELED EXCAVATOR 160W

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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

160W





**EXTENSIVE DEALER NETWORK
EXCELLENT SERVICE
CUSTOMER FOCUSED**

TECHNICAL SPECIFICATION 160W

ENGINE

Power rating.....105 kW (143 HP)	Bore / cylinder stroke 101 / 126	STANDARD BASIC EQUIPMENT:
RPM 1800/min	Cooling system Water-cooled	• Automatic idling system / Engine stop
Model..... Deutz TCD 6.1 L6 EU Stage V	Air filter..... Dry air filter	• Cold start assistance
Design.....Turbocharger / charge-air cooling	Battery..... 2 x 12 V / 100 Ah	• Diesel pre-filter
Cylinder capacity 6057 cm ³	Generator24 V / 100 A	• Engine monitoring
Number of cylinders 6	Starter.....24 V / 4.8 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 pressure350 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 speed9/min

TRACTION DRIVE AND BRAKES

• Variable displacement motor	• Automotive traveling and cruise control:	• Tractive force.....92.7 kN
• Power-shift transmission	• Max. speed 20 km/h	• Gradeability 55 %
• Double-acting brake valve	• Off-road speed5 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 160W

DRIVER'S CAB

<ul style="list-style-type: none"> • Meets latest safety standards (ROPS) • Extra large entry zone • Spacious leg room • Radio preparation with mute function • Ready for electric cooling box • Different options for storage, compartment for documents • Heat-absorbing glass, tinted windows • Excellent all-way visibility • Bottle holder 	DRIVER'S SEAT: <ul style="list-style-type: none"> • Comfort seat with headrest • Arm rests and lumbar support • Seat adjustable separately from console • Air suspension • Heated • Horizontal and vertical suspension • Lumbar support 	MONITORING: <ul style="list-style-type: none"> • Operating data display screen • Automatic system for monitoring, warning and storage of data • Rear view security camera • Right side camera
	CONTROL: <ul style="list-style-type: none"> • Ergonomic joysticks with proportional slide control • Slim steering column, height and tilt adjustable • Indicators, controls and operating switches are clearly arranged • Swing axle lock in the left joystick 	CLIMATE CONTROL: <ul style="list-style-type: none"> • Automatic climate control • Excellent air distribution through optimally arranged nozzles • Refrigerant R134a
		SOUND LEVELS: <ul style="list-style-type: none"> • ISO 6396 (L_pA) in driver's cab 72 dB(A) • 2000/14 EG (L_wA) ambience level 97 dB(A)

ADDITIONAL EQUIPMENT

<ul style="list-style-type: none"> • Refueling pump • Beacon light • Gear protection • Cabin Sliding door • Cab protection guard • Wheel cover • Cab elevation • Joystick steering • 270° camera system • LED working lights 	<ul style="list-style-type: none"> • 35% axle differential lock • Patented trailer hitch • Alarm-signal while driving • 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 	<ul style="list-style-type: none"> • 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 tank301 litres	• Engine oil..... 14 litres	• Hydraulic system.....220 litres
• Cooling system.....38 litres	• Hydraulic tank 180 litres	• Ad Blue®32 litres

OPERATING WEIGHTS

	MONOBLOCK BOOM 4.32 m (C6.3M)		ADJUSTABLE BOOM Base arm 1.87 m (C6.41) Boom 3.07 m (C346)	
	Stick 2.15 m (D6.2)	Stick 2.65 m (D6.3)	Stick 2.15 m (D6.2)	Stick 2.65 m (D6.3)
Support dozer blade	16.0 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 support outriggers	17.3 t	17.4 t	17.7 t	17.8 t

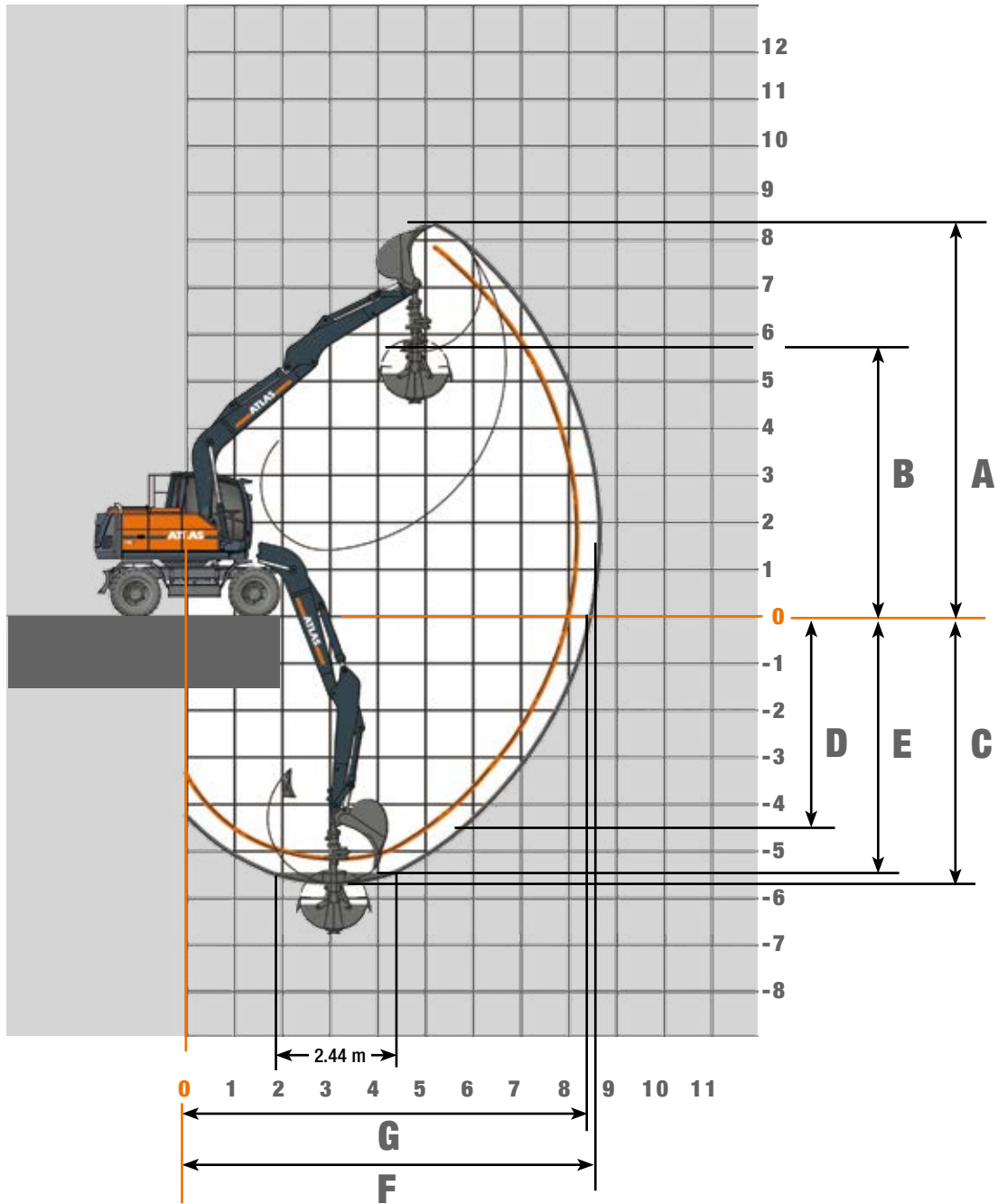
Operating weight incl. driver, fuel, lubricants and coolant plus 1.0 ton for attachments

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

WORKING RANGES 160W

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) 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 	SDB rear, supported							4195		
	LATERAL 	SDB front, raised							4195		
+ 4.0 m	FRONT 	SDB supported						4504	4338	4228	
	LATERAL 	SDB raised						4504	4338	4228	
+ 3.0 m	FRONT 	SDB supported			6809	5963	5382	4964	4652	4418	4251
	LATERAL 	SDB raised			6809	5963	5382	4964	4652	4418	4251
+ 2.0 m	FRONT 	SDB supported			8168	6915	6067	5460	5008	4660	4386
	LATERAL 	SDB raised			8168*	6763*	5749*	4981*	4378*	3892*	3488*
+ 1.0 m	FRONT 	SDB supported			8919	7551	6570	5844	5289	4849	4480
	LATERAL 	SDB raised			8919	7551	6570	5844	5289	4849	4480
+ 0 m	FRONT 	SDB supported		7473	9006	7733	6759	5999	5392	4885	4143
	LATERAL 	SDB raised		7473	7812*	6458*	5502*	4786*	4228*	3783*	3424*
- 1.0 m	FRONT 	SDB supported	8120	9990	8609	7495	6594	5853	5219	4614	
	LATERAL 	SDB raised	8120	9930*	7818*	6446*	5483*	4769*	4219*	3789*	
- 2.0 m	FRONT 	SDB supported	10191	8825	7706	6768	5961	5228	4445		
	LATERAL 	SDB raised	10191	8825	7706	6768	5961	5228	4445		
- 3.0 m	FRONT 	SDB supported	7787	6855	6019	5220	4339				
	LATERAL 	SDB raised	7787	6855	6019	5220	4339				

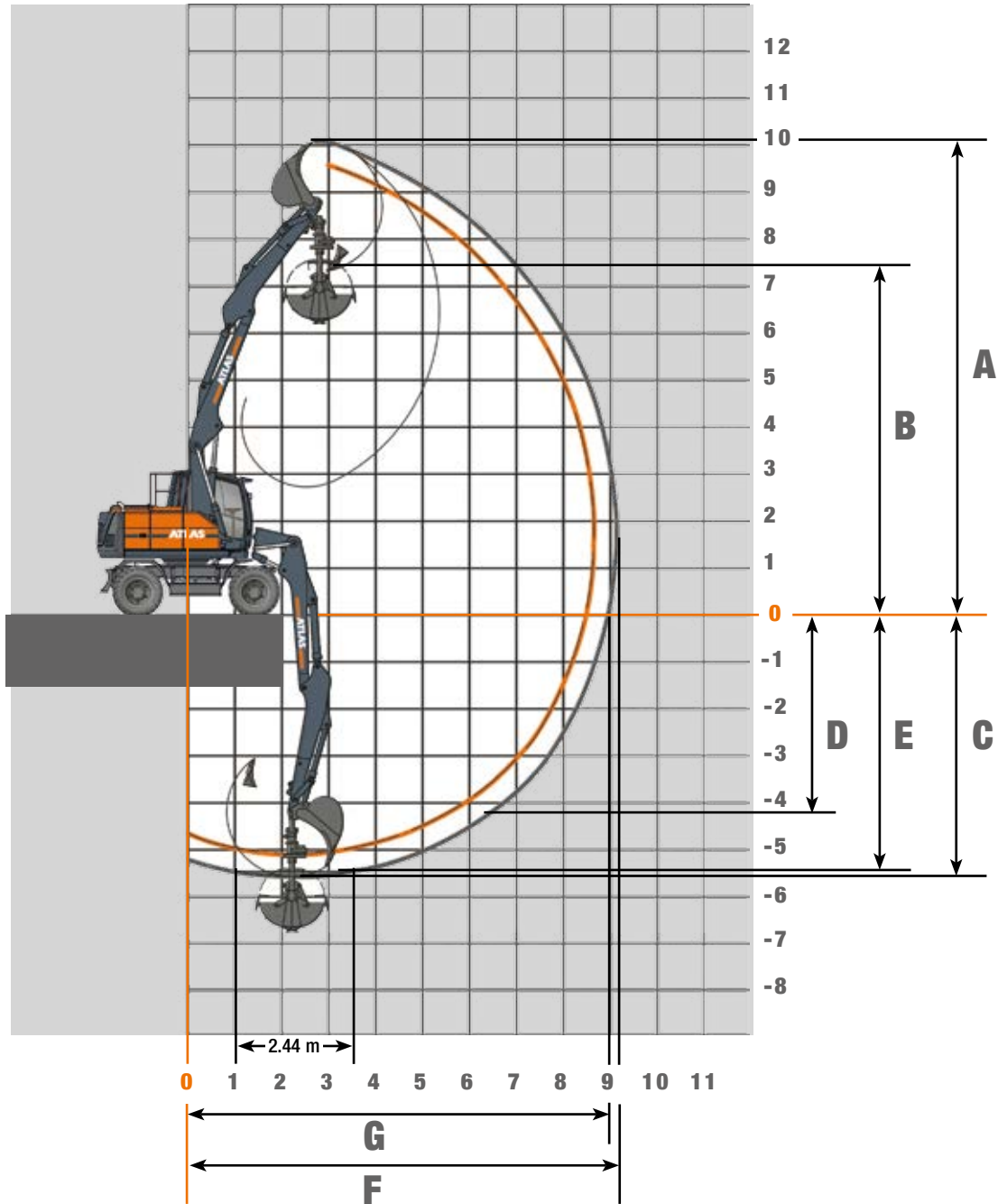
Lifting capacities Monoblock boom 4.32 m (C6.3M) and stick 2.65 m (D6.3). Max reach 8.70 m

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 	SDB rear, supported								3762	1902	
	LATERAL 	SDB front, raised								3762	1902	
+ 4.0 m	FRONT 	SDB supported						3958	3870	3817		
	LATERAL 	SDB raised						3958	3870	3817		
+ 3.0 m	FRONT 	SDB supported						4571	4317	4120	3969	3152
	LATERAL 	SDB raised						4571*	4317*	3991*	3559*	3152
+ 2.0 m	FRONT 	SDB supported			7464	6394	5660	5129	4729	4420	4176	3896
	LATERAL 	SDB raised			7464*	6394*	5660*	5013*	4398*	3904*	3496*	3152*
+ 1.0 m	FRONT 	SDB supported			8523	7212	6287	5607	5091	4685	4356	4027
	LATERAL 	SDB raised			8523*	7212*	6287*	5607*	5091*	4685*	4356*	4027*
+ 0 m	FRONT 	SDB supported		7828	8936	7618	6638	5891	5305	4831	4427	2926
	LATERAL 	SDB raised		7828	8936	7618	6638	5891	5305	4831	4427	2926
- 1.0 m	FRONT 	SDB supported		10073	8813	7598	6655	5906	5293	4769	4270	
	LATERAL 	SDB raised		10073	8813	7598	6655	5906	5293	4769	4270	
- 2.0 m	FRONT 	SDB supported	10511	9541	8197	7139	6281	5560	4923	4279		
	LATERAL 	SDB raised	10511	9541	8197	7139	6281	5560	4923	4279		
- 3.0 m	FRONT 	SDB supported	9333	8003	6953	6076	5298	4539				
	LATERAL 	SDB raised	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

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

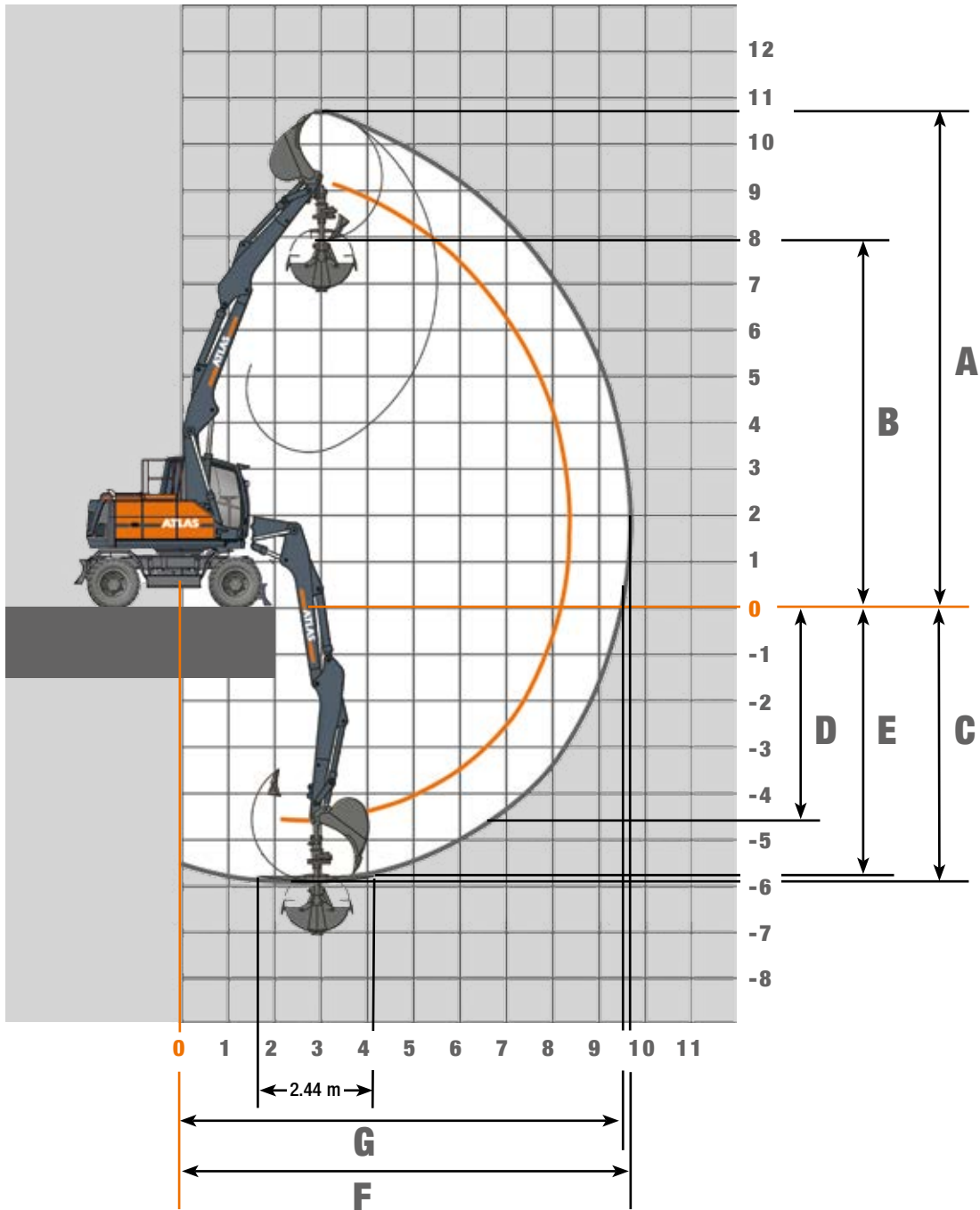
Lifting capacities Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.10 m (C6.46) with stick 2.65 m (D6.3). Max reach 9.20 m

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

WORKING RANGES 160W

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) 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	3549
		SDB front, raised	6965	7272	7119	6762	6229	5506	4947	4502	4137	3827	3549
	LATERAL 	SDB supported	6965	7272	7119	6389*	5474*	4787*	4242*	3810*	3460	3080*	2721*
		SDB raised	6965	7272	6824*	5718*	4914	4308	3829	3446*	3110*	2719*	2394*
+ 1.0 m	FRONT 	SDB rear, supported	7115	8317	7798	7139	6266	5561	4998	4535	4149	3824	3559
		SDB front, raised	7115	8317	7798	7139	6266	5561	4998	4535	4149	3824	3559
	LATERAL 	SDB supported	7115	8317	7682	6383*	5467	4773*	4240*	3820*	3433*	3020*	2679*
		SDB raised	7115	8317	6836*	5710*	4911*	4306	3839	3482*	3030*	2659*	2353*
+ 0 m	FRONT 	SDB rear, supported	9280	9618	8442	7220	6288	5572	5004	4543	4165	3871	3403
		SDB front, raised	9280	9618	8442	7220	6288	5572	5004	4543	4165	3871	3403
	LATERAL 	SDB supported	9280	9618	7759	6442*	5509*	4821	4301	3810*	3334*	2948*	2643*
		SDB raised	9280	8593*	6904*	5772*	4964*	4334*	3821*	3358*	2934*	2589*	2317
- 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*		

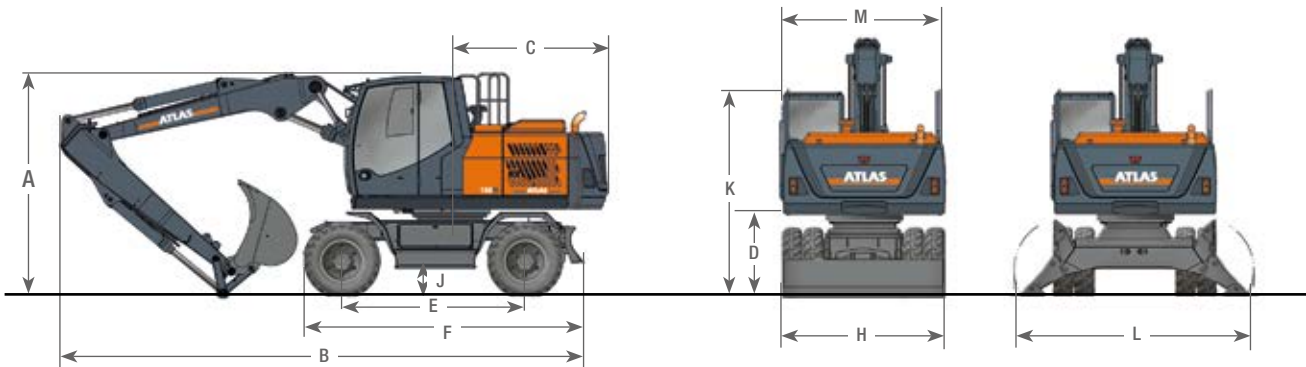
Lifting capacities Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.62 m (C6.461) with stick 2.65 m (D6.3). Max reach 9.20 m

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	3256
		SDB front, raised	7128	7319	7139	6770	6027	5333	4800	4377	4032	3742	3490	3256
	LATERAL 	SDB supported	7128	7319	7139	6357*	5445*	4757*	4213*	3776	3415*	3123*	2792*	2476*
		SDB raised	7128	7319	6782*	5688*	4887*	4277*	3797*	3407*	3091*	2805*	2463*	2176*
+ 1.0 m	FRONT 	SDB rear, supported	8098	7946	7622	7041	6194	5489	4927	4471	4093	3770	3490	3258
		SDB front, raised	8098	7946	7622	7041	6194	5489	4927	4471	4093	3770	3490	3258
	LATERAL 	SDB supported	8098	7946	7587	6314*	5404	4719*	4183*	3758*	3416*	3095*	2736*	2437*
		SDB raised	8098	7946	6740*	5647*	4846*	4246*	3779	3403*	3115*	2734*	2408*	2137*
+ 0 m	FRONT 	SDB rear, supported	9371	9069	8182	7100	6190	5487	4927	4470	4090	3772	3522	3129
		SDB front, raised	9371	9069	8182	7100	6190	5487	4927	4470	4090	3772	3522	3129
	LATERAL 	SDB supported	9371	9069	7628	6337*	5422*	4733*	4206	3794*	3414*	3007*	2672*	2401*
		SDB raised	9371	8442*	6786*	5673	4871*	4270*	3811*	3414*	3011*	2646*	2345*	2103*
- 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 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.

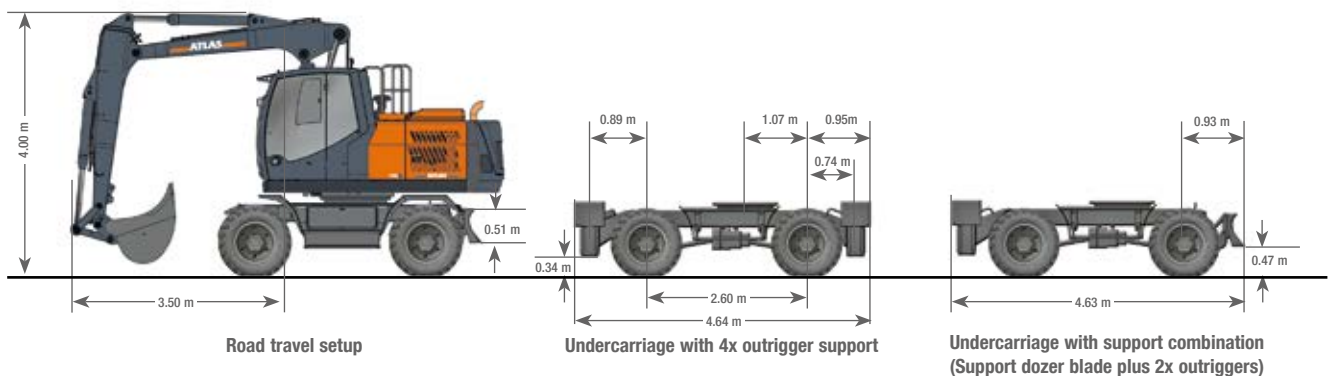
DIMENSIONS 160W

160W Transport position



A TRANSPORT HEIGHT (with bucket)		C TAIL SWING RADIUS2.24 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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