



# ATLAS

SINCE 1919

-  17.3 – 19.2 t
-  105 kW (143 HP)  
EU Stage V
-  0.7 - 1.3 m<sup>3</sup>

## STABLE. STRONG. STEADY.



# WHEELED EXCAVATOR 160W

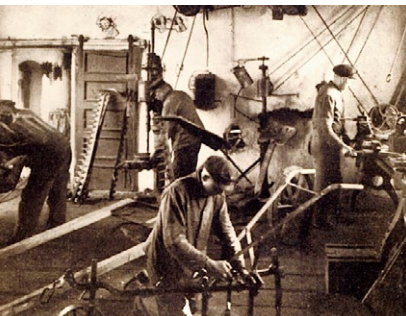
[WWW.ATLASGMBH.COM](http://WWW.ATLASGMBH.COM)



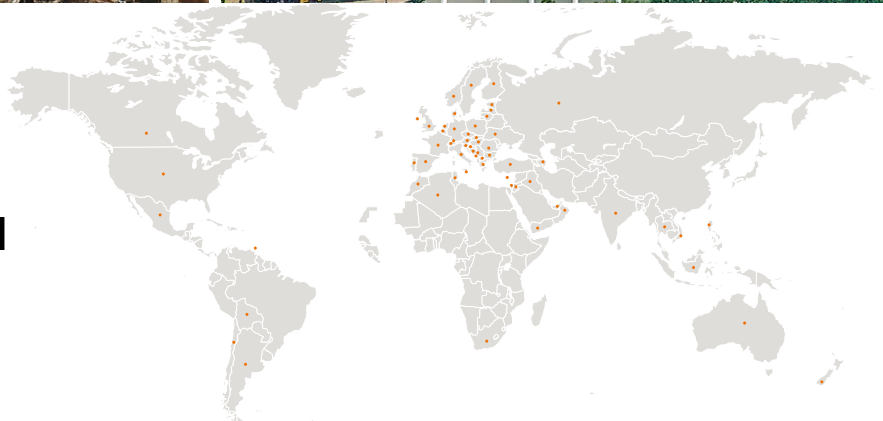
# ATLAS – CONSTRUCTION MACHINERY MANUFACTURER WITH TRADITION

## 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](http://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**



# ATLAS - The new excavator cabin



The new ATLAS cabin –  
Best climate, sharp  
display, digital and direct,  
more space, best view, extre-  
mely quiet, feel good

Clear control panel –  
Direct selection via keys or digital  
control via button.....



Move safely: Standard lateral-  
and rear view cameras



Most powerful air conditioning system  
- short airways - large lines -  
cross sections - silent



Best view – especially to the right





# ATLAS SINCE 1939 - The new excavator cabin

Stay communicated - radio with USB connection - mobile phone tray by the left joystick



Easy: Upper carriage lock at the push of a button on T



Bottle holder near the driver



Lunch break - space for cool box with electrical connection - behind the driver's seat



Floor non-slip and Easy to sweep - storage space for tools and materials



# TECHNICAL SPECIFICATION 160W

## ENGINE

Power rating.....105 kW (143 HP)	Bore / cylinder stroke ..... 101 / 126	<b>STANDARD BASIC EQUIPMENT:</b>
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 <sup>3</sup>	Generator .....24 V / 100 A	• Engine monitoring
Number of cylinders ..... 6	Starter.....24 V / 4.8 kW	

## HYDRAULIC SYSTEM

• AWE 5 system (Load sensing)	• Pipe break protection valves for lifting and articulated cylinders	• Operating modes:
• Load limit controlled high-performance pump	• Proportional grab and grab rotating function	F1 (Fine)
• Fuel-efficient flow-on-demand control	• 3 circuits for additional consumer loads possible	F2 (Eco)
• Sensitive, proportional, independent control	• Max. oil flow .....260 l/min	F3 (Power)
• Primary and secondary protection against overload	• Max. operating pressure .....350 bar	• Accumulator for emergency lowering of the arm system
• Suction valves for all work functions	• Cylinder end position damping	• Load-limit control

## 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.....92.7 kN
• Power-shift transmission	• Max. speed ..... 20 km/h	• Gradeability ..... 55 %
• 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 160W

## DRIVER'S CAB

<ul style="list-style-type: none"> <li>• Meets latest safety standards (ROPS)</li> <li>• Extra large entry zone</li> <li>• Spacious leg room</li> <li>• Radio preparation with mute function</li> <li>• Ready for electric cooling box</li> <li>• Different options for storage, compartment for documents</li> <li>• Heat-absorbing glass, tinted windows</li> <li>• Excellent all-way visibility</li> <li>• Bottle holder</li> </ul>	<b>DRIVER'S SEAT:</b> <ul style="list-style-type: none"> <li>• Comfort seat with headrest</li> <li>• Arm rests and lumbar support</li> <li>• Seat adjustable separately from console</li> <li>• Air suspension</li> <li>• Heated</li> <li>• Horizontal and vertical suspension</li> <li>• Lumbar support</li> </ul>	<b>MONITORING:</b> <ul style="list-style-type: none"> <li>• Operating data display screen</li> <li>• Automatic system for monitoring, warning and storage of data</li> <li>• Rear view security camera</li> <li>• Right side camera</li> </ul>
	<b>CONTROL:</b> <ul style="list-style-type: none"> <li>• Ergonomic joysticks with proportional slide control</li> <li>• Slim steering column, height and tilt adjustable</li> <li>• Indicators, controls and operating switches are clearly arranged</li> <li>• Swing axle lock in the left joystick</li> </ul>	<b>CLIMATE CONTROL:</b> <ul style="list-style-type: none"> <li>• Automatic climate control</li> <li>• Excellent air distribution through optimally arranged nozzles</li> <li>• Refrigerant R134a</li> </ul>
		<b>SOUND LEVELS:</b> <ul style="list-style-type: none"> <li>• ISO 6396 (L<sub>p</sub>A) in driver's cab ..... 70 dB(A)</li> <li>• 2000/14 EG (L<sub>w</sub>A) ambience level ..... 97 dB(A)</li> </ul>

## ADDITIONAL EQUIPMENT

<ul style="list-style-type: none"> <li>• Refueling pump</li> <li>• Beacon light</li> <li>• Gear protection</li> <li>• Cabin Sliding door</li> <li>• Cab protection guard</li> <li>• Wheel cover</li> <li>• Cab elevation</li> <li>• Joystick steering</li> <li>• 270° camera system</li> <li>• LED working lights</li> </ul>	<ul style="list-style-type: none"> <li>• 35% axle differential lock</li> <li>• Patented trailer hitch</li> <li>• Alarm-signal while driving</li> <li>• Auxiliary heating with water circuit</li> <li>• Automatic working brake</li> <li>• Switch hydraulic attachment kit, supports separately at front and rear</li> <li>• Hydraulic add-on kit, switch supports axially separately</li> <li>• Proportional control of supports by slide in joystick</li> <li>• Automatically controlled and monitored electric central lubrication system for uppercarriage and arm equipment</li> <li>• Premium Driver seat (Actimo Evolution)</li> </ul>	<ul style="list-style-type: none"> <li>• Electric cooling box</li> <li>• Radio with USB and Bluetooth</li> <li>• GPS/GSM telemetric system for monitoring of operating data, consumption, position</li> <li>• Biodegradable oil</li> <li>• Wide axles (overall width 2750 mm)</li> <li>• Wide dozer blade (2750 mm)</li> <li>• High-speed option ..... 36 km/h</li> </ul>
		<b>Other additional equipment:</b> See price list
		<b>Special options:</b> upon request

## FILL CAPACITIES

• Fuel tank .....301 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	17.3 - 17.8 t	17.4 - 17.9 t	17.7 - 18.2 t	17.8 - 18.3 t
SDB / outriggers	18.0 - 18.5 t	18.1 - 18.6 t	18.4 - 18.9 t	18.5 - 19.0 t
4 support outriggers	18.2 - 18.7 t	18.3 - 18.8 t	18.6 - 19.1 t	18.7 - 19.2 t

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

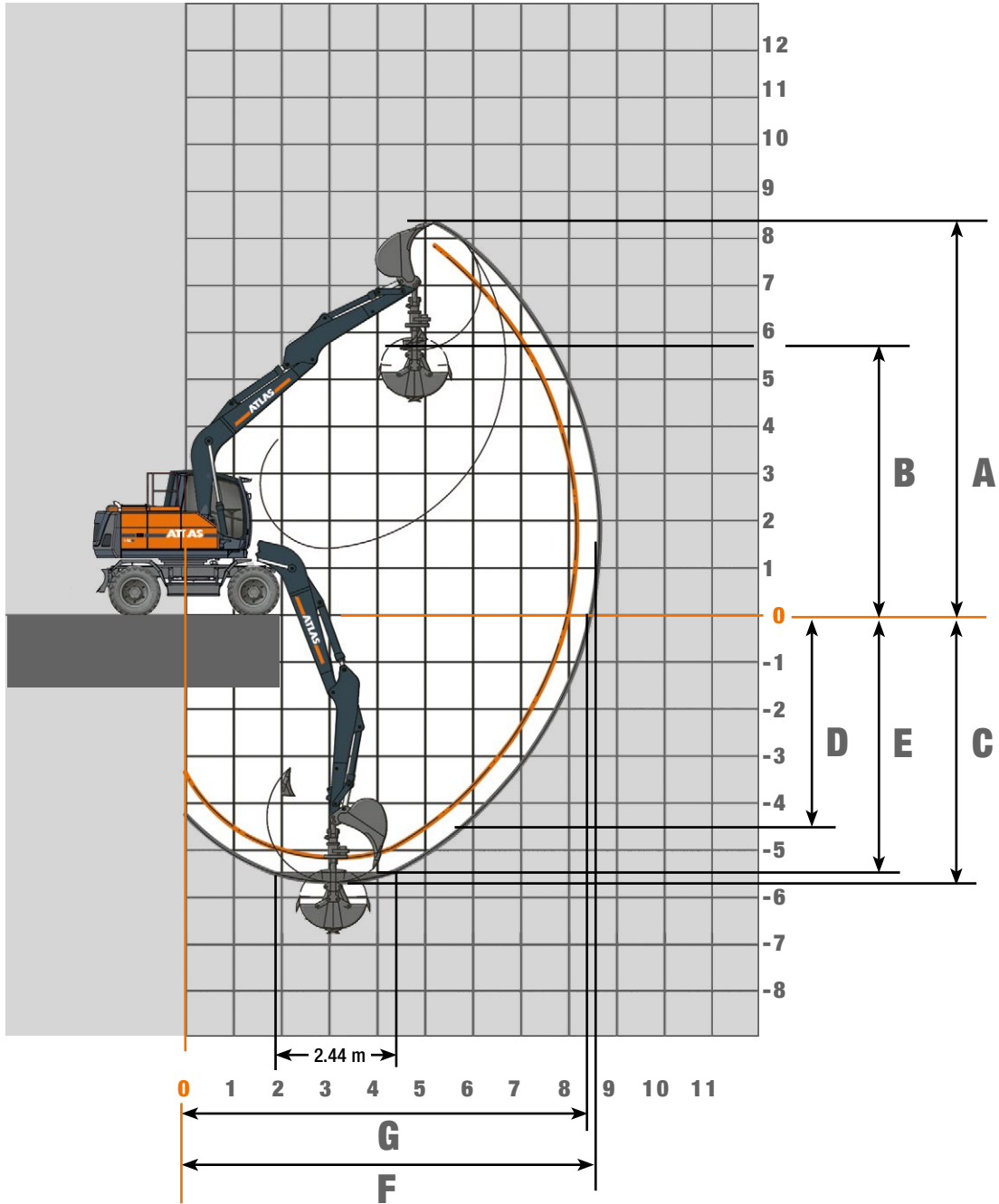
## ATTACHMENTS (SELECTION)

	Bucket F415	Bucket F418	Trench digger G644
Capacity SAE	0.67 m <sup>3</sup>	0.92 m <sup>3</sup>	0.56 m <sup>3</sup>
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	6915	6067	5460	5008	4660	4386
+ 1.0 m	FRONT 	SDB supported			8164*	6763*	5749*	4981*	4378*	3892*	3488*
	LATERAL 	SDB raised			7056*	5898*	5044*	4388*	3868*	3445*	3092*
+ 0 m	FRONT 	SDB supported			8919	7551	6570	5844	5289	4849	4480
	LATERAL 	SDB raised			8919	7551	6570	5844	5289	4849	4480
- 1.0 m	FRONT 	SDB supported			7912*	6564*	5595*	4863*	4288*	3825*	3443*
	LATERAL 	SDB raised			6817*	5707*	4896*	4274*	3781*	3380*	3047*
- 2.0 m	FRONT 	SDB supported			7473	9006	7733	6759	5999	5392	4885
	LATERAL 	SDB raised			7473	9006	7733	6759	5999	5392	4885
- 3.0 m	FRONT 	SDB supported			7473	7812*	6458*	5502*	4786*	4228*	3783*
	LATERAL 	SDB raised			7473	6723*	5606*	4806*	4199*	3722*	3339*

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

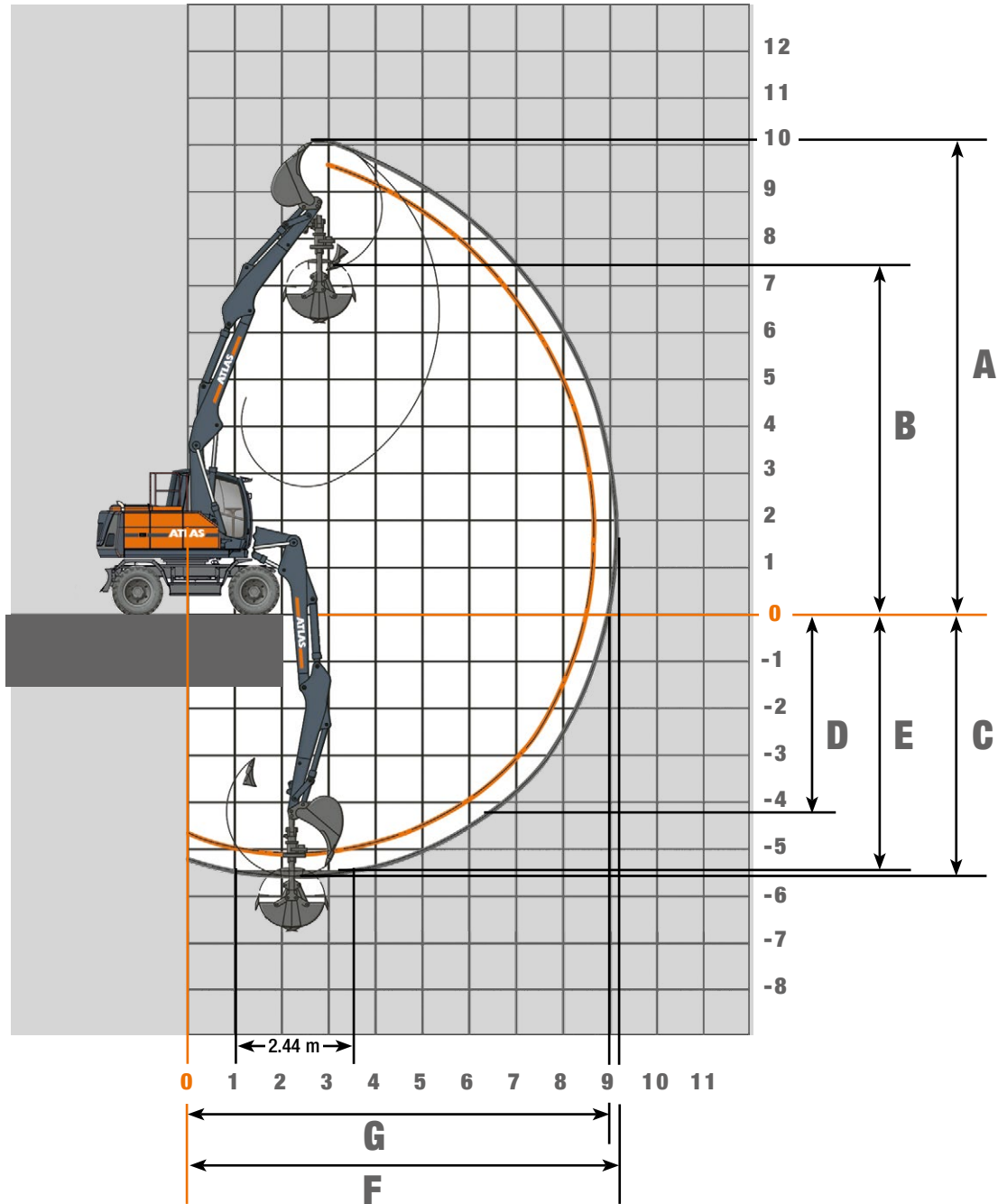
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m
+ 5.0 m	FRONT 	SDB rear, supported								3762	1902	
	LATERAL 	SDB front, raised								3762	1902	
+ 4.0 m	FRONT 	SDB supported						3958	3870	3817		
	LATERAL 	SDB raised						3958	3870	3817		
+ 3.0 m	FRONT 	SDB supported						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	5129	4729	4420	4176	3896
+ 1.0 m	FRONT 	SDB supported			7175*	5972*	5091*	4418*	3886*	3455*	3098*	2794*
	LATERAL 	SDB raised			7175*	5972*	5091*	4418*	3886*	3455*	3098*	2794*
+ 0 m	FRONT 	SDB supported			8523	7212	6287	5607	5091	4685	4356	4027
	LATERAL 	SDB raised			8523	7212	6287	5607	5091	4685	4356	4027
- 1.0 m	FRONT 	SDB supported			7959*	6594*	5612*	4871*	4289*	3821*	3434*	3110*
	LATERAL 	SDB raised			6859*	5734*	4911*	4280*	3780*	3374*	3038*	2753*
- 2.0 m	FRONT 	SDB supported			7828	8936	7618	6638	5891	5305	4831	4427
	LATERAL 	SDB raised			7828	8936	7618	6638	5891	5305	4831	4427
- 3.0 m	FRONT 	SDB supported			7781*	6440*	5485*	4767*	4208*	3758*	3389*	2926
	LATERAL 	SDB raised			7828	6690*	5586*	4788*	4180*	3701*	3313*	2993*

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

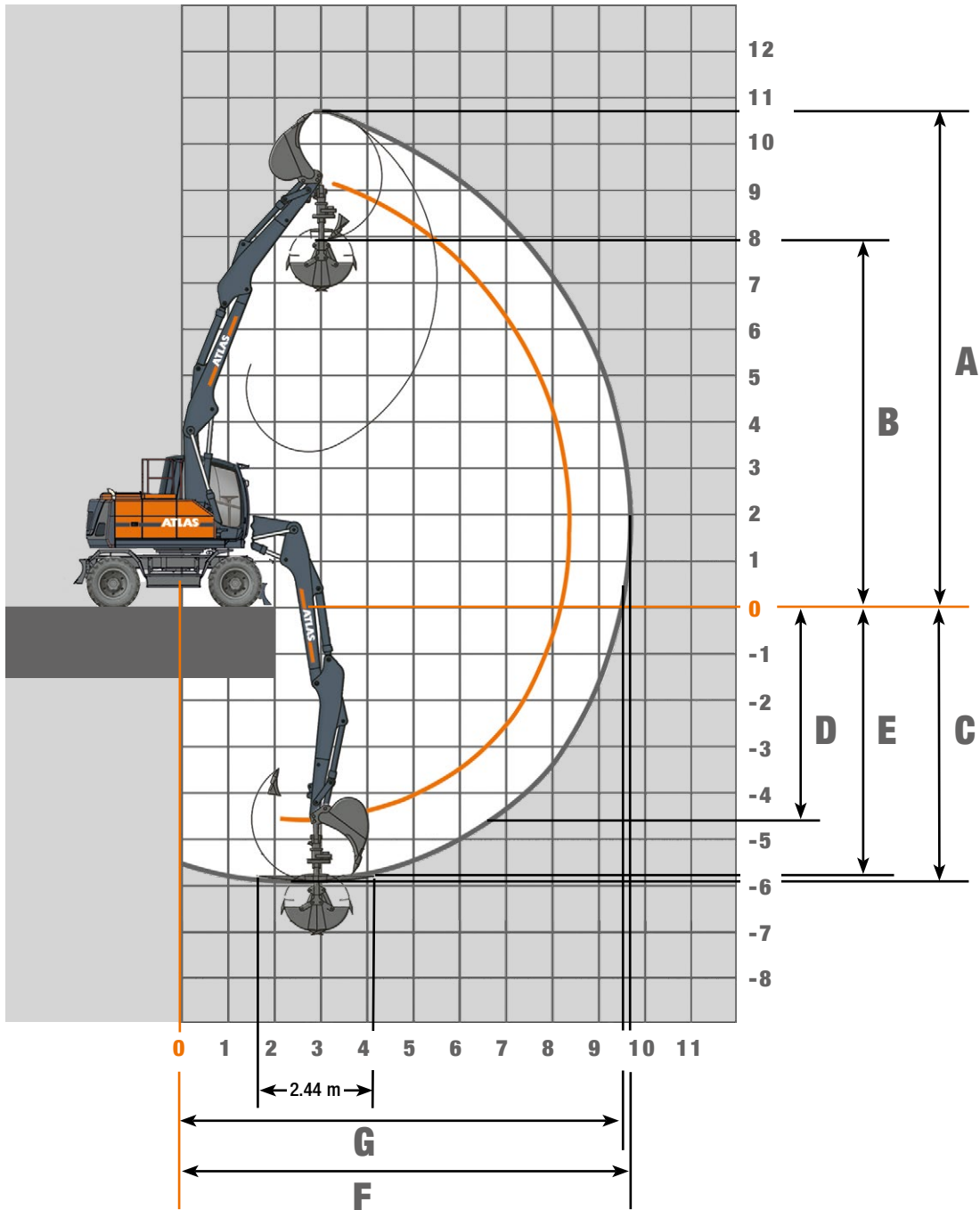
Height	Undercarriage type		2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m
+ 6.0 m	FRONT 	SDB rear, supported SDB front, raised SDB supported SDB raised					4375 4375 4375 4375	4215 4215 4215 4215	4086 4086 4086 4086	3991 3991 3991 3623*			
	LATERAL 												
+ 5.0 m	FRONT 	SDB rear, 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 5523 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 SDB front, raised			5406 5406	4969 4969	4628 4628	4357 4357	4140 4140	3971 3971	3863 3863		
	LATERAL 	SDB supported SDB raised			5406 5406	4969 4969	4628 4628	4357 4357	4140 4028*	3961* 3551*	3468* 3064*		
+ 5.0 m	FRONT 	SDB rear, supported SDB front, raised		6374 6374	6038 6038	5408 5408	4933 4933	4564 4564	4269 4269	4030 4030	3836 3836	3687 3687	
	LATERAL 	SDB supported SDB raised		6374 6374	6038 6038	5408 5408	4933 4933	4564 4535*	4269 3985*	4030 3539*	3520* 3147*	3093* 2731*	
+ 4.0 m	FRONT 	SDB rear, supported SDB front, raised		5995 5995	6422 6422	6090 6090	5404 5404	4894 4894	4499 4499	4185 4185	3928 3928	3714 3714	3534 3534
	LATERAL 	SDB supported SDB raised		5995 5995	6422 6422	6090 5958*	5404 5101	4894 4441*	4499 3920*	4185 3501*	3928 3153	3127* 2764*	2712* 2414*
+ 3.0 m	FRONT 	SDB rear, supported SDB front, raised		5905 5905	6297 6297	6379 6379	5905 5905	5251 5251	4755 4755	4365 4365	4047 4047	3781 3781	3547 3547
	LATERAL 	SDB supported SDB raised		5905 5905	6297 6297	6379 5793*	5905 4981*	5251 4357*	4755 3864*	4365 3464*	4047 3137*	3781 2757*	3547 2419*
+ 2.0 m	FRONT 	SDB rear, supported SDB front, raised	6965 6965	7272 7272	7119 7119	6762 6762	6229 6229	5506 5506	4947 4947	4502 4502	4137 4137	3827 3827	3549 3549
	LATERAL 	SDB supported SDB raised	6965 6965	7272 7272	7119 6824*	6389* 5718*	5474* 4914	4787* 4308	4242* 3829	3810* 3446*	3460 3110*	3080* 2719*	2721* 2394*
+ 1.0 m	FRONT 	SDB rear, supported SDB front, raised	7115 7115	8317 8317	7798 7798	7139 7139	6266 6266	5561 5561	4998 4998	4535 4535	4149 4149	3824 3824	3559 3559
	LATERAL 	SDB supported SDB raised	7115 7115	8317 8317	7682 6836*	6383* 5710*	5467 4911*	4773* 4306	4240* 3839	3820* 3482*	3433* 3030*	3020* 2659*	2679* 2353*
+ 0 m	FRONT 	SDB rear, supported SDB front, raised	9280 9280	9618 9618	8442 8442	7220 7220	6288 6288	5572 5572	5004 5004	4543 4543	4165 4165	3871 3871	3403 3403
	LATERAL 	SDB supported SDB raised	9280 9280	9618 8593*	7759 6904*	6442* 5772*	5509* 4964*	4821 4334*	4301 3821*	3810* 3358*	3334* 2934*	2948* 2589*	2643* 2317
- 1.0 m	FRONT 	SDB rear, supported SDB front, raised	12630 12630	10388 10388	8582 8582	7307 7307	6362 6362	5637 5637	5068 5068	4635 4635	4230 4230	3645 3645	
	LATERAL 	SDB supported SDB raised	12630 11246*	9903* 8479*	7896* 6805*	6544* 5676*	5568* 4859*	4834* 4236*	4222* 3708*	3676* 3227*	3242* 2844*	2901* 2543*	
- 2.0 m	FRONT 	SDB rear, supported SDB front, raised	13341 13341	10585 10585	8760 8760	7473 7473	6534 6534	5842 5842	5185 5185	4487 4487	3609 3609		
	LATERAL 	SDB supported SDB raised	13341 11224*	9944* 8431*	7853* 6746*	6485* 5619*	5519* 4811*	4716* 4122*	4086* 3576*	3593* 3146*	3206* 2808*		

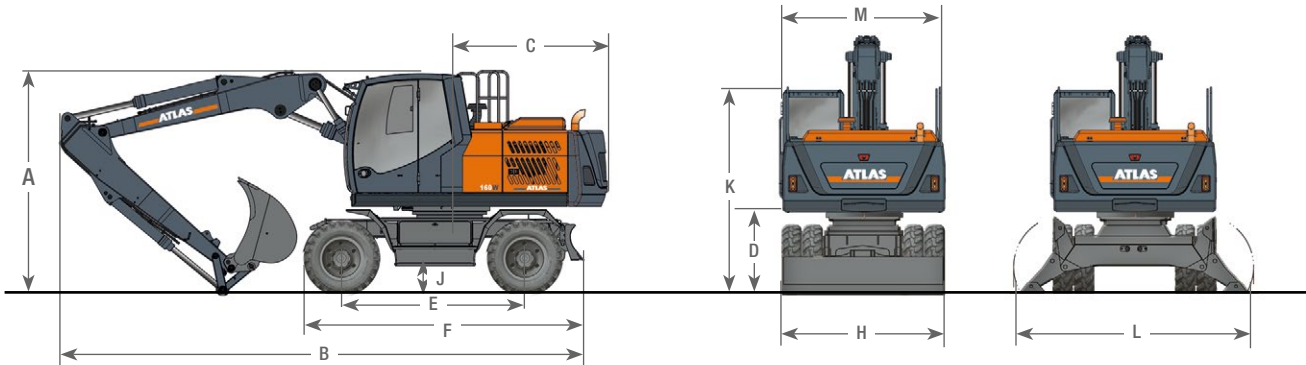
## Lifting capacities Adjustable boom: Base arm 1.87 m (C6.41) and boom 3.62 m (C6.461) with stick 2.65 m (D6.3). Max reach 9.20 m

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 SDB front, raised			4507 4507	4793 4793	4584 4584	4272 4272	4017 4017	3806 3806	3630 3630	3484 3484	3368 3368	
	LATERAL 	SDB supported SDB raised			4507 4507	4793 4793	4584 4584	4272 4272	4017 4008*	3806 3553*	3530 3177*	3180* 2840*	2807* 2478*	
+ 4.0 m	FRONT 	SDB rear, supported SDB front, raised		6203 6203	6432 6432	5638 5638	5059 5059	4617 4617	4268 4268	3986 3986	3752 3752	3556 3556	3388 3388	2888 2888
	LATERAL 	SDB supported SDB raised		6203 6203	6432 6432	5638 5638	5059 5059	4617 4456*	4268 3926*	3884* 3500*	3491* 3145*	3157* 2848*	2833* 2506*	2496* 2195*
+ 3.0 m	FRONT 	SDB rear, supported SDB front, raised		6023 6023	6391 6391	6400 6400	5598 5598	5008 5008	4555 4555	4196 4196	3902 3902	3656 3656	3445 3445	3252 3252
	LATERAL 	SDB supported SDB raised		6023 6023	6391 6391	6400 5818	5565* 4985*	4845* 4354*	4278* 3852*	3820* 3446	3445 3109	3132* 2834*	2826* 2499*	2499* 2199*
+ 2.0 m	FRONT 	SDB rear, supported SDB front, raised	7128 7128	7319 7319	7139 7139	6770 6770	6027 6027	5333 5333	4800 4800	4377 4377	4032 4032	3742 3742	3490 3490	3256 3256
	LATERAL 	SDB supported SDB raised	7128 7128	7319 7319	7139 6782*	6357* 5688*	5445* 4887*	4757* 4277*	4213* 3797*	3776 3407*	3415* 3091*	3123* 2805*	2792* 2463*	2476* 2176*
+ 1.0 m	FRONT 	SDB rear, supported SDB front, raised	8098 8098	7946 7946	7622 7622	7041 7041	6194 6194	5489 5489	4927 4927	4471 4471	4093 4093	3770 3770	3490 3490	3258 3258
	LATERAL 	SDB supported SDB raised	8098 8098	7946 7946	7587 6740*	6314* 5647*	5404 4846*	4719* 4246*	4183* 3779	3758* 3403*	3416* 3115*	3095* 2734*	2736* 2408*	2437* 2137*
+ 0 m	FRONT 	SDB rear, supported SDB front, raised	9371 9371	9069 9069	8182 8182	7100 7100	6190 6190	5487 5487	4927 4927	4470 4470	4090 4090	3772 3772	3522 3522	3129 3129
	LATERAL 	SDB supported SDB raised	9371 9371	9069 8442*	7628 6786*	6337* 5673	5422* 4871*	4733* 4270*	4206 3811*	3794* 3414*	3414* 3011*	3007* 2646*	2672* 2345*	2401* 2103*
- 1.0 m	FRONT 	SDB rear, supported SDB front, raised	11658 11658	10062 10062	8414 8414	7166 7166	6240 6240	5526 5526	4961 4961	4505 4505	4137 4137	3842 3842	3383 3383	
	LATERAL 	SDB supported SDB raised	11658 11227*	9702* 8478*	7736* 6808*	6433* 5679*	5503* 4859*	4822* 4234*	4255* 3739*	3755* 3303*	3293* 2893*	2919* 2560*	2621* 2295*	
- 2.0 m	FRONT 	SDB rear, supported SDB front, raised	13018 13018	10352 10352	8561 8561	7294 7294	6354 6354	5636 5636	5099 5099	4648 4648	4135 4135	3444 3444		
	LATERAL 	SDB supported SDB raised	13018 11135*	9886* 8372*	7810* 6703*	6448* 5582*	5483* 4775*	4762* 4165*	4140* 3626*	3617* 3169*	3203* 2805*	2871* 2512*		
- 3.0 m	FRONT 	SDB rear, supported SDB front, raised	13411 13411	10679 10679	8869 8869	7604 7604	6606 6606	5741 5741	4927 4927	4083 4083	2983 2983			
	LATERAL 	SDB supported SDB raised	13411 11176*	9897* 8383*	7808* 6701*	6447* 5580*	5416* 4711*	4631* 4038*	4026* 3516*	3557* 3110*	2983 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.

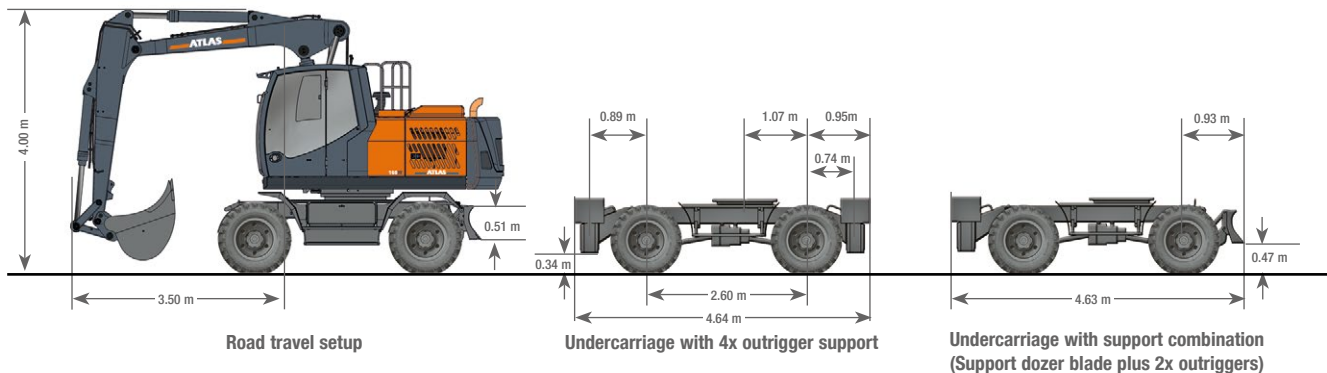
# DIMENSIONS 160W

## 160W Transport position



<b>A TRANSPORT HEIGHT (with bucket)</b>		<b>C TAIL SWING RADIUS</b> .....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	<b>H DOZER BLADE WIDTH</b> .....2.54 m	
<b>B TRANSPORT LENGTH</b>		Optional.....2.74 m	
Adjustable boom* with stick 2.15 m	.....7.76 m	J GROUND CLEARANCE	.....0.45 m
Adjustable boom* with stick 2.65 m	.....8.90 m	K OVERALL HEIGHT OF CAB	.....3.15 m
Monoblock boom 4.32 m with stick 2.15 m	.....7.60 m	L OUTRIGGERS WIDTH (extended)	.....3.50 m
Monoblock boom 4.32 m with stick 2.65 m	.....7.60 m	M OVERALL WIDTH OF SUPERSTRUCTURE	.....2.49 m

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







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