

10
ATLAS 1919 - 2019

ATLAS
SINCE 1919

-  19.4 - 21.1 t
-  105 kW
- EU Stage V
-  10.10 - 11.60 m

**ROBUST.
PRECISE.
EFFICIENT.**



MATERIAL HANDLING MACHINE 180MH

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.

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

180MH *blue*





**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, extremely 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



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



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



Bottle holder near the driver



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



TECHNICAL SPECIFICATION 180MH

ENGINE

Gross power (ISO 14396).....105 kW	Bore / cylinder stroke 101 / 126	STANDARD BASIC EQUIPMENT:
Net power (ISO 9249)100 kW	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 / intercooler	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)	• 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	• 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 49 kNm
• Planetary transmission	• Two, two-stage valves	• Max. swing speed. 8/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 180MH

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 69 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 • Cab elevation • Joystick steering • 270° camera system 	<ul style="list-style-type: none"> • LED working lights • Alarm-signal while driving • 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 and Bluetooth • GPS/GSM telemetric system for monitoring of operating data, consumption, position • Biodegradable oil • Wide axles (overall width 2750 mm) • Support shield
		Other additional equipment: See price list Special options: upon request

FILL CAPACITIES

• Fuel tank301 litres	• Engine oil..... 10 litres	• Hydraulic system.....350 litres
• Cooling system.....38 litres	• Hydraulic tank 180 litres	• Ad Blue®32 litres

OPERATING WEIGHTS

	MONOBLOCK BOOM 6.00 m (C6.6i)		ADJUSTABLE BOOM Base arm 1.87 m (C6.41) Boom 3.10 m (C6.46)
	Stick 4.00 m (D6.14i)	Stick 4.00 m (D6.14iS)	Stick 2.65 m (D6.3)
Support dozer blade			
SDB / outriggers	18.8 t	19 t	19 t
4 support outriggers	19 t	19.2 t	19.2 t

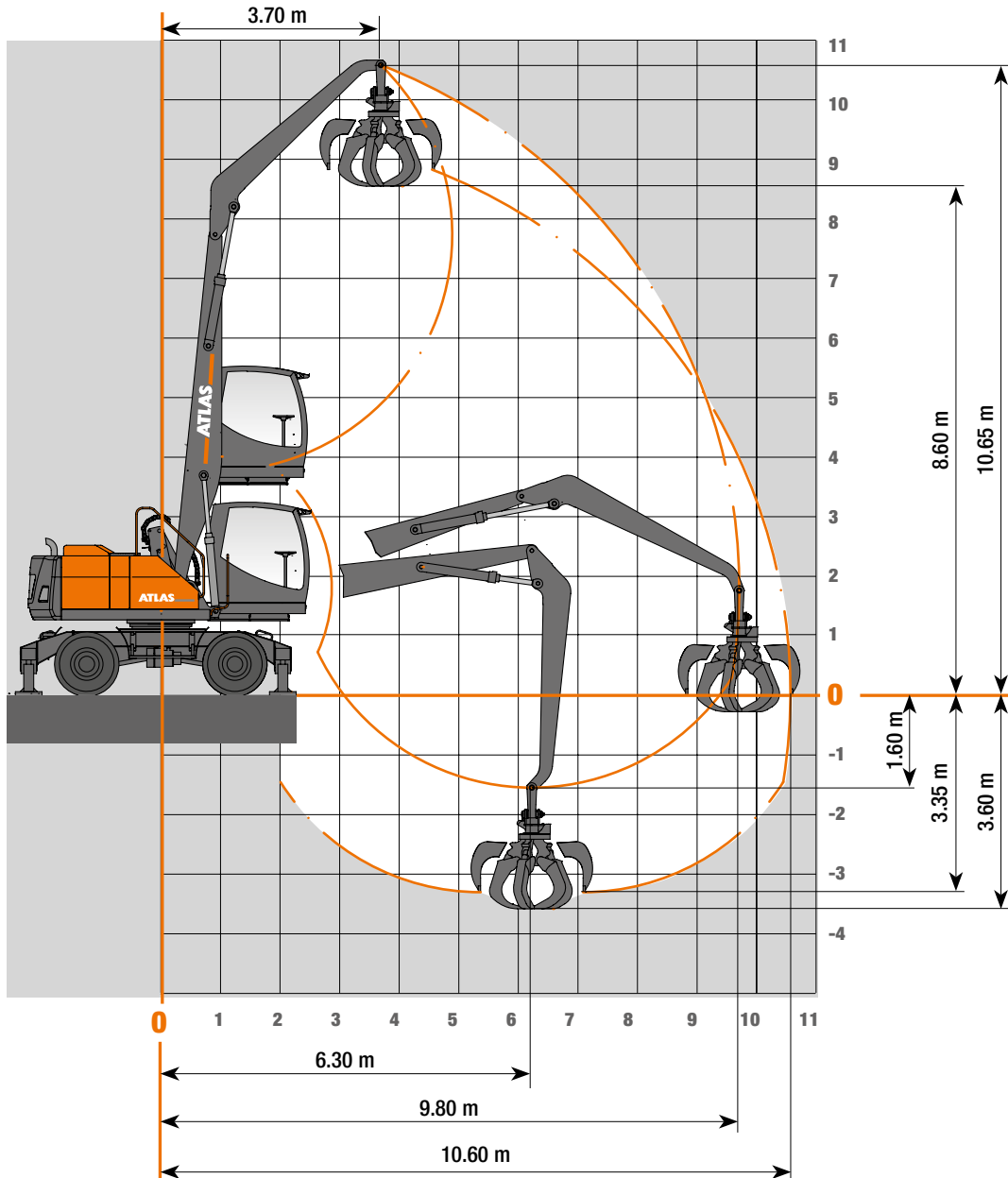
Operating weight incl. driver, fuel, lubricants and coolant plus 1.0 ton for attachments

ATTACHMENTS

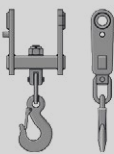
<ul style="list-style-type: none"> • Clamshell grab • Orange peel grab 	<ul style="list-style-type: none"> • Load hook • Load lifting magnet 	<ul style="list-style-type: none"> • Log grab • Sorting grab
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WORKING RANGES 180MH

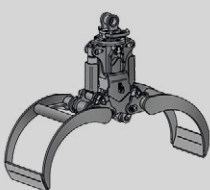
Base arm 6.0 m (C6.6i) and Stick 4.0 m (D6.14i)



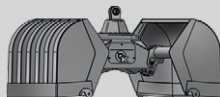
Attachments



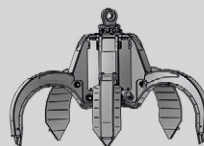
Load hook



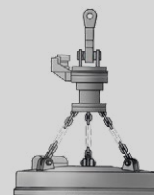
Log grab



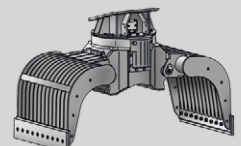
Clamshell grab



Orange peel grab





















Load lifting magnet



Sorting grapple

LIFTING CAPACITIES 180MH

Lifting capacities: Base arm 6.0 m (C6.6i) with Stick 4.0 m (D6.14i).

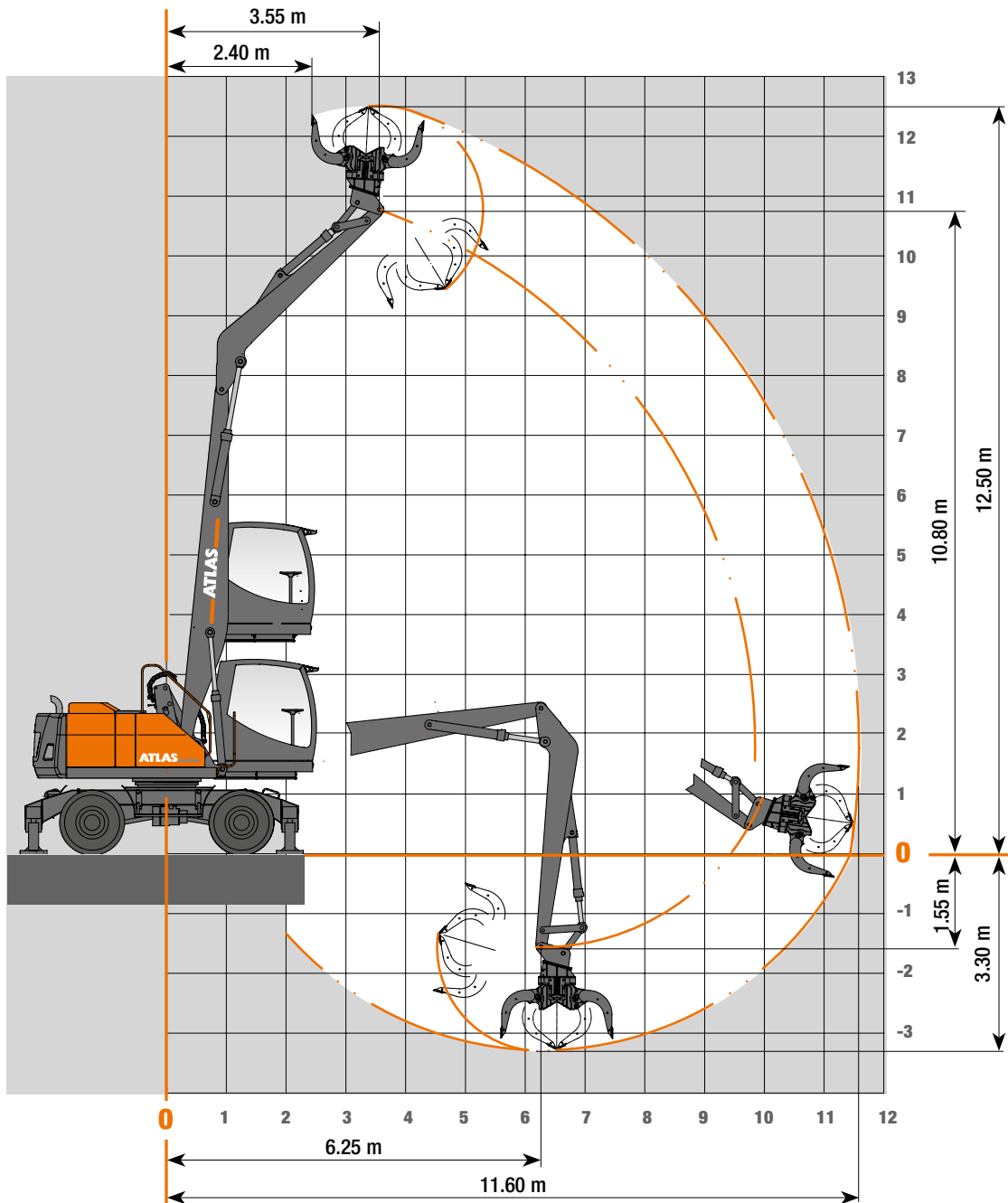
HEIGHT	Undercarriage position		3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	8.5 m	9.0 m	9.5 m	
+8.0 m	FRONT 	outriggers down						5274	4899	4584	4265*						
		outriggers up						5139*	4418*	3867*	3409*						
	LATERAL 	outriggers down							5274	4647*	4066*	3585*					
		outriggers up							2966*	2546*	2217*	1936*					
+7.0 m	FRONT 	outriggers down					5660	5293	4880	4571	4263*	3810*	3396*				
		outriggers up					5660	5165*	4398*	3876*	3409*	3046*	2711*				
	LATERAL 	outriggers down					5660	5293	4626*	4075*	3585*	3204*	2853*				
		outriggers up					3403*	2977*	2533*	2223*	1940*	1716*	1505*				
+6.0 m	FRONT 	outriggers down					5825	5338	4951	4609	4259*	3775*	3387*	3059*			
		outriggers up					5825	5050*	4399*	3854*	3402*	3015*	2703*	2436*			
	LATERAL 	outriggers down					5825	5318*	4629*	4054*	3578*	3172*	2844*	2566*			
		outriggers up					3403*	2890*	2519*	2198*	1928*	1692*	1499*	1332*			
+5.0 m	FRONT 	outriggers down			7257	6634	5986	5467	5040	4664	4198*	3747*	3366*	3037*	2759*		
		outriggers up			7257	6634	5817*	4955*	4304*	3780*	3344*	2986*	2681*	2416*	2190*		
	LATERAL 	outriggers down			7257	6634	5986	5222*	4532*	3980*	3520*	3143*	2822*	2545*	2309*		
		outriggers up			4551*	3896*	3272*	2801*	2433*	2131*	1876*	1660*	1475*	1313*	1172*		
+4.0 m	FRONT 	outriggers down	10599	8996	7844	6902	6216	5624	5132	4632*	4121*	3680*	3310*	3007*	2734*	2508*	
		outriggers up	10599	8996	7844	6740*	5629*	4821*	4181*	3668*	3270*	2922*	2629*	2386*	2166*	1983*	
	LATERAL 	outriggers down	10599	8996	7844	6902	5950*	5088*	4408*	3865*	3445*	3078*	2770*	2515*	2284*	2092*	
		outriggers up	7119*	5513*	4403*	3675*	3105*	2674*	2323*	2035*	1807*	1603*	1430*	1283*	1149*	1036*	
+3.0 m	FRONT 	outriggers down	11554	9571	8192	7167	6365	5722	5112*	4508*	4005*	3586*	3248*	2959*	2700*	2482*	
		outriggers up	11554	9571	7748*	6365*	5366*	4612*	4010*	3551*	3161*	2836*	2569*	2340*	2133*	1958*	
	LATERAL 	outriggers down	11554	9571	8192	6757*	5682*	4875*	4234*	3747*	3334*	2991*	2710*	2468*	2250*	2067*	
		outriggers up	6232*	4888*	3999*	3359*	2876*	2492*	2176*	1930*	1710*	1528*	1375*	1240*	1117*	1013*	
+2.0 m	FRONT 	outriggers down	11300	9521	8185	7120	6339	5646	4971*	4381*	3903*	3515*	3190*	2903*	2666*	2453*	
		outriggers up	11300	9107*	7259*	5968*	5102*	4382*	3875*	3429*	3066*	2766*	2513*	2287*	2099*	1930*	
	LATERAL 	outriggers down	11300	9521	7754*	6347*	5413*	4640*	4098*	3624*	3238*	2920*	2653*	2414*	2217*	2039*	
		outriggers up	5322*	4312*	3599*	3049*	2655*	2306*	2052*	1818*	1626*	1461*	1320*	1193*	1085*	988*	
+1.0 m	FRONT 	outriggers down	9256	8570	7628	6733	6029	5427	4810*	4260*	3798*	3435*	3127*	2853*	2630*	2328	
		outriggers up	9256	8570	6923*	5696*	4874*	4249*	3726*	3317*	2968*	2691*	2453*	2239*	2065*	1905*	
	LATERAL 	outriggers down	9256	8570	7412*	6071*	5181*	4507*	3947*	3510*	3139*	2844*	2592*	2367*	2182*	2014*	
		outriggers up	4885*	3952*	3309*	2818*	2462*	2174*	1925*	1720*	1540*	1395*	1267*	1150*	1053*	965*	
0 m	FRONT 	outriggers down		6827	6432	5889	5384	4889	4406	4034	3638	3285	2966	2621	2298	1896	
		outriggers up		6827	6432	5552*	4735*	4122*	3604*	3240*	2904*	2635*	2407*	2208*	2034*	1886*	
	LATERAL 	outriggers down		6827	6432	5889	5039*	4378*	3821*	3432*	3074*	2788*	2546*	2335*	2151*	1896	
		outriggers up		3810*	3154*	2684*	2340*	2064*	1823*	1647*	1479*	1343*	1225*	1119*	1027*	947*	

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.

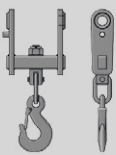
All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

WORKING RANGES 180MH

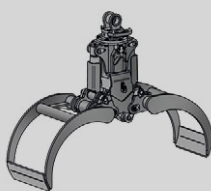
Base arm 6.0 m (C6.6i) and Stick 4.0 m (D6.14iS)



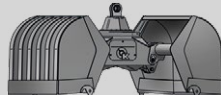
Attachments



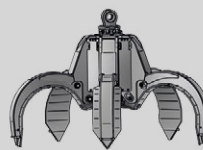
Load hook



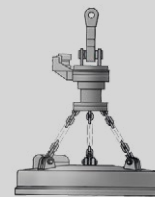
Log grab



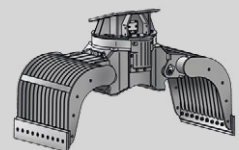
Clamshell grab



Orange peel grab



























Load lifting magnet



Sorting grapple

LIFTING CAPACITIES 180MH

Lifting capacities: Base arm 6.0 m (C6.6i) with Stick 4.0 m (D6.14iS)

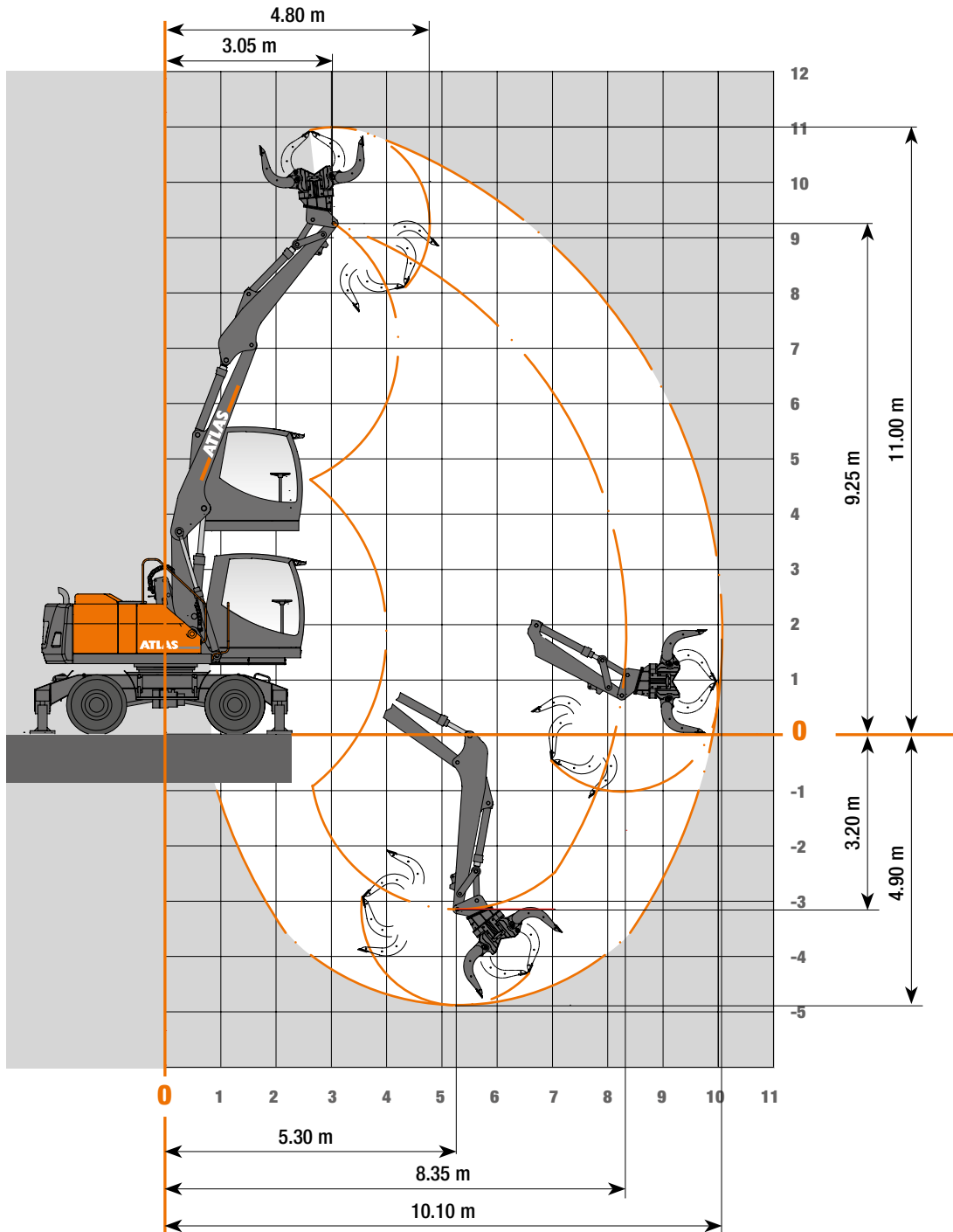
HEIGHT	Undercarriage position		Lifting capacities (kg)																
			3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	8.5 m	9.0 m	9.5 m			
+10.0 m	FRONT 	outriggers down				6326	5402												
		outriggers up				5956*	4983*												
	LATERAL 	outriggers down				6326	5402												
		outriggers up				4381*	3677*												
+9.0 m	FRONT 	outriggers down					5816	5369	4997	4615									
		outriggers up					5134*	4379*	3780*	3284*									
	LATERAL 	outriggers down					5816	5369	4997	4615									
		outriggers up					3813*	3253*	2800*	2421*									
+8.0 m	FRONT 	outriggers down						5274	4898	4584	4293	4028							
		outriggers up						4404*	3804*	3340*	2944*	2615*							
	LATERAL 	outriggers down							5274	4898	4584	4293	4028						
		outriggers up							3281*	2829*	2475*	2169*	1912*						
+7.0 m	FRONT 	outriggers down						5655	5289	4881	4569	4267	4007	3737					
		outriggers up						5038*	4420*	3789*	3346*	2950*	2639*	2347*					
	LATERAL 	outriggers down							5655	5289	4881	4569	4267	4007	3737				
		outriggers up							3750*	3292*	2817*	2480*	2176*	1935*	1706*				
+6.0 m	FRONT 	outriggers down						5816	5331	4958	4605	4295	3995	3730	3474				
		outriggers up						5063*	4315*	3789*	3322*	2945*	2609*	2340*	2110*				
	LATERAL 	outriggers down							5816	5331	4958	4605	4295	3995	3730	3411*			
		outriggers up							3753*	3201*	2809*	2456*	2168*	1909*	1701*	1521*			
+5.0 m	FRONT 	outriggers down						6618	6008	5484	5032	4658	4315	4017	3733	3459	3189		
		outriggers up						5886*	4952*	4246*	3686*	3251*	2884*	2579*	2318*	2090*	1895*		
	LATERAL 	outriggers down							6618	6008	5484	5032	4658	4315	4017	3733	3388*	3089*	
		outriggers up							4318*	3645*	3129*	2715*	2388*	2112*	1878*	1678*	1502*	1350*	
+4.0 m	FRONT 	outriggers down	10601	8997	7815	6916	6200	5612	5122	4719	4345	4013	3719	3431	3143	2854			
		outriggers up	10601	8566*	6837*	5612*	4739*	4092*	3570*	3163*	2806*	2518*	2276*	2060*	1869*	1711*			
	LATERAL 	outriggers down	10601	8997	7815	6916	6200	5612	5122	4719	4345	4013	3700*	3357*	3060*	2815*			
		outriggers up	7806*	6064*	4916*	4070*	3453*	2986*	2604*	2304*	2036*	1821*	1637*	1472*	1326*	1204*			
+3.0 m	FRONT 	outriggers down	11531	9585	8202	7159	6361	5720	5192	4727	4333	3981	3666	3358	3056	2751			
		outriggers up	10356*	7958*	6398*	5304*	4524*	3919*	3437*	3039*	2723*	2449*	2220*	2015*	1837*	1686*			
	LATERAL 	outriggers down	11531	9585	8202	7159	6361	5720	5192	4727	4333	3981	3640*	3309*	3026*	2751			
		outriggers up	6973*	5518*	4516*	3783*	3248*	2822*	2476*	2187*	1957*	1754*	1584*	1429*	1295*	1180*			
+2.0 m	FRONT 	outriggers down		9600	8229	7182	6320	5677	5117	4652	4243	3867	3539	3229	2909	2586			
		outriggers up		7295*	5937*	4997*	4254*	3723*	3282*	2927*	2629*	2369*	2156*	1973*	1804*	1660*			
	LATERAL 	outriggers down		9600	8229	7182	6320	5677	5117	4652	4243	3867	3539	3229	2909	2586			
		outriggers up		4935*	4097*	3500*	3004*	2640*	2333*	2082*	1867*	1679*	1523*	1388*	1263*	1155*			
+1.0 m	FRONT 	outriggers down		8570	7601	6778	6067	5425	4882	4424	4030	3674	3324	3010	2662	2327			
		outriggers up		6801*	5565*	4726*	4090*	3559*	3144*	2813*	2545*	2313*	2099*	1929*	1771*	1636*			
	LATERAL 	outriggers down		8570	7601	6778	6067	5425	4882	4424	4030	3674	3324	3010	2662	2327			
		outriggers up		4507*	3772*	3252*	2841*	2489*	2206*	1976*	1788*	1623*	1470*	1347*	1231*	1132*			
0 m	FRONT 	outriggers down		6859	6476	5928	5369	4877	4448	4026	3655	3320	2963	2655	2305	1901			
		outriggers up		6693*	5435*	4567*	3930*	3441*	3059*	2739*	2479*	2255*	2055*	1895*	1750*	1623*			
	LATERAL 	outriggers down		6859	6476	5928	5369	4877	4448	4026	3655	3320	2963	2655	2305	1901			
		outriggers up		4396*	3646*	3106*	2698*	2377*	2122*	1904*	1725*	1569*	1427*	1314*	1210*	1118*			
-1.0 m	FRONT 	outriggers down				4709	4412	4108	3758	3410	3092	2776	2450	2127					
		outriggers up				4507*	3877*	3393*	3009*	2700*	2435*	2221*	2037*	1872*					
	LATERAL 	outriggers down				4709	4412	4108	3758	3410	3092	2776	2450	2127					
		outriggers up				3048*	2645*	2329*	2073*	1864*	1684*	1536*	1408*	1292*					

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.

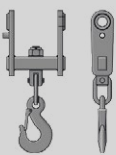
All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

WORKING RANGES 180MH

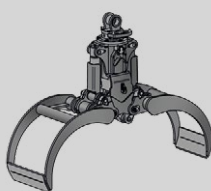
Adjustable Boom, Base Arm 1.87 m (C6.41) and Boom 3.62 m (C6.461) + Stick 2.65 m (D6.3)



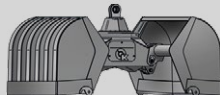
Attachments



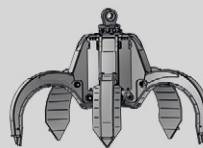
Load hook



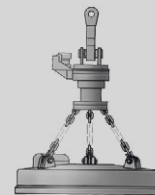
Log grab



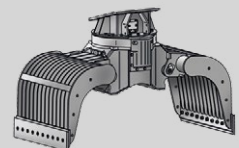
Clamshell grab



Orange peel grab























Load lifting magnet



Sorting grapple

LIFTING CAPACITIES 180MH

Lifting capacities: Base Arm 1.87 m (C6.41) and Boom 3.62 m (C6.461) + Stick 2.65 m (D6.3)

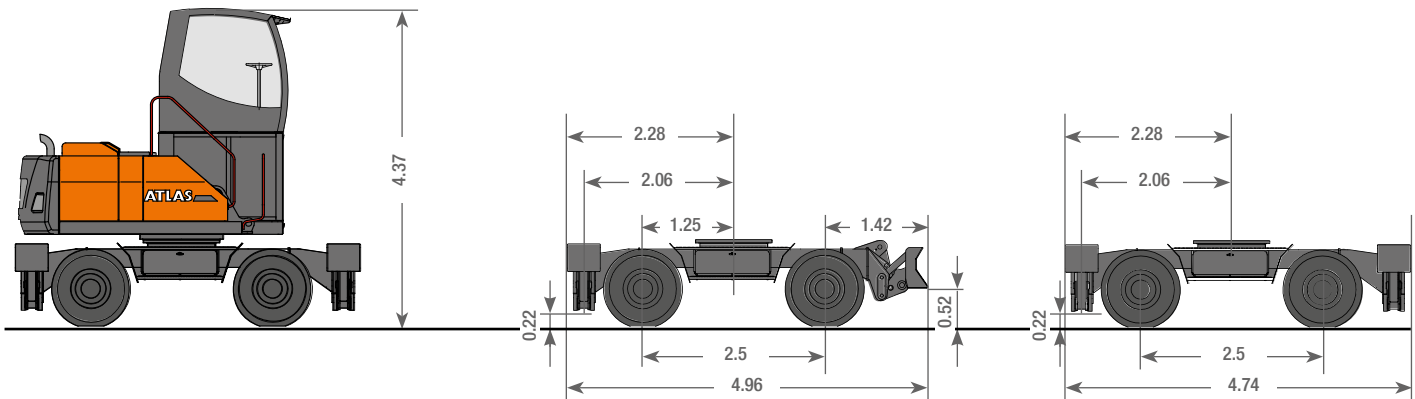
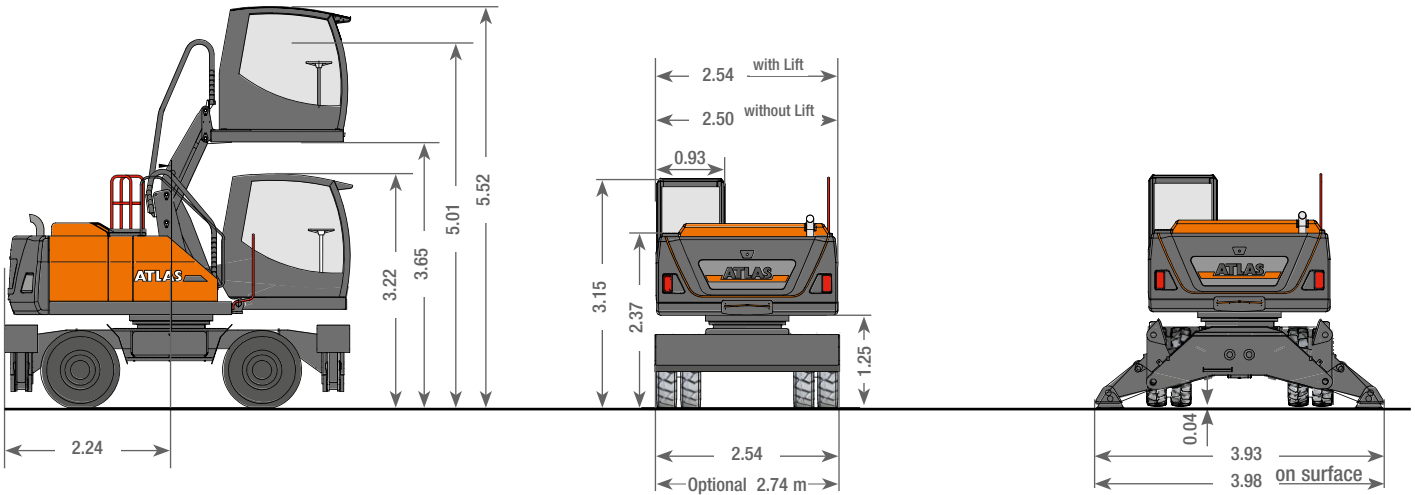
HEIGHT	Undercarriage position		1.5 m	2.0 m	2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m
+9.0 m	FRONT 	outriggers down					5039									
		outriggers up					5039									
	LATERAL 	outriggers down					5039									
		outriggers up					5039									
+7.5 m	FRONT 	outriggers down							3639	3565	3482					
		outriggers up							3639	3565	3482					
	LATERAL 	outriggers down							3639	3565	3482					
		outriggers up							3639	3565	3257*					
+6.0 m	FRONT 	outriggers down							3719	3522	3371	3245	3129	3059		
		outriggers up							3719	3522	3371	3245	3129	2956*		
	LATERAL 	outriggers down							3719	3522	3371	3245	3129	3059		
		outriggers up							3719	3522	3340*	2936*	2550*	2170*		
+4.5 m	FRONT 	outriggers down				6064	5209	4623	4203	3795	3604	3336	3233	3079	2950	
		outriggers up				6064	5209	4623	4203	3795	3604	3336	3233	3063*	2656*	
	LATERAL 	outriggers down				6064	5209	4623	4203	3795	3604	3336	3233	3079	2950	
		outriggers up				6064	5209	4623	4203	3763*	3314*	2922*	2604*	2272*	1944*	
+3.0 m	FRONT 	outriggers down				5486	5816	5717	4987	4443	3966	3720	3440	3227	3027	2861
		outriggers up				5486	5816	5717	4987	4443	3966	3720	3440	3062*	2657*	2356*
	LATERAL 	outriggers down				5486	5816	5717	4987	4443	3966	3720	3440	3227	3027	2861
		outriggers up				5486	5816	4988*	4228*	3628*	3234*	2868*	2580*	2271*	1945*	1705*
+1.5 m	FRONT 	outriggers down			8407	7679	7000	6393	5558	4892	4327	3979	3626	3339	3103	2894
		outriggers up			8407	7679	7000	6393	5558	4865*	4327	3817*	3384*	2940*	2609*	2309*
	LATERAL 	outriggers down			8407	7679	7000	6393	5558	4892	4327	3979	3626	3339	3103	2894
		outriggers up			8407	7315*	5804*	4862*	4085*	3565*	3201*	2830*	2509*	2156*	1898*	1662*
0 m	FRONT 	outriggers down	27382	17169	12257	9474	7791	6549	5688	5010	4462	4022	3678	3378	3128	2878
		outriggers up	27382	17169	12257	9474	7791	6549	5550*	4763*	4115*	3683*	3245*	2850*	2517*	2260*
	LATERAL 	outriggers down	27382	17169	12257	9474	7791	6549	5688	5010	4462	4022	3678	3378	3128	2878
		outriggers up	27382	13612*	9013*	6996*	5610*	4656*	3989*	3455*	3004*	2696*	2372*	2066*	1812*	1614*
-1.5 m	FRONT 	outriggers down	27057	17300	12494	9694	7872	6679	5756	5052	4538	4099	3761	3410	2932	
		outriggers up	27057	17300	12494	9694	7718*	6283*	5291*	4588*	3965*	3517*	3080*	2723*	2458*	
	LATERAL 	outriggers down	27057	17300	12494	9694	7872	6679	5756	5052	4538	4099	3761	3410	2932	
		outriggers up	27057	13741*	8916*	6638*	5285*	4396*	3756*	3291*	2863*	2542*	2218*	1948*	1753*	
-3.0 m	FRONT 	outriggers down	27607	17445	12874	10073	8179	6952	6079	5268	4570	3845	3010			
		outriggers up	27607	17445	12874	10073	7656*	6284*	5307*	4462*	3861*	3375*	2978*			
	LATERAL 	outriggers down	27607	17445	12874	10073	8179	6952	6079	5268	4570	3845	3010			
		outriggers up	27607	13626*	9036*	6694*	5255*	4402*	3768*	3177*	2756*	2406*	2125*			
-4.5 m	FRONT 	outriggers down	22111	14598	10920	8250	6383	5024								
		outriggers up	22111	14598	10920	8250	6383	5024								
	LATERAL 	outriggers down	22111	14598	10920	8250	6383	5024								
		outriggers up	22111	14096*	9290*	6746*	5279*	4350*								

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All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

DIMENSIONS 180MH

180MH Transport position



Undercarriage with combination support
(support dozer blade and two outriggers)

Undercarriage with 4 outriggers



180MH-EN (1) Effective date: 12/2023. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Atlas makes no other warranty, express or implied. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Atlas makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Atlas GmbH and/or its subsidiaries. All rights are reserved. Atlas® is a registered trademark of Atlas GmbH. Ref. no. 0000000
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GANDERKESEE FACTORY

Atlas GmbH
Atlasstraße 6
D-27777 Ganderkesee,
Germany

Tel.: +49 (0) 4222 954 0
Fax: +49 (0) 4222 954 220
E-mail: info@atlasgmbh.com
www.atlasgmbh.com



VECHTA FACTORY

Atlas GmbH
Theodor-Heuss-Str. 3
D-49377 Vechta
Germany

T: +49 (0) 4441 954 0
F: +49 (0) 4441 954 299
E-mail: info@atlasgmbh.com
www.atlasgmbh.com



DELMENHORST FACTORY

Atlas GmbH
Stedinger Straße 324
D-27751 Delmenhorst
Germany

T: +49 (0) 4221 49 10
F: +49 (0) 4221 49 14 43
E-mail: info@atlasgmbh.com
www.atlasgmbh.com

ATLAS CRANES UK LTD NATIONAL SALES & SERVICE FACILITY

Wharfedale Road,
Euroway Trading Est.
Bradford, England BD4 6SL
United Kingdom

T: +44 8444 99 66 88
F: +44 1274 65 37 85
E-mail: atlasuk@atlasgmbh.com
www.atlas-cranes.co.uk
www.atlasgmbh.com



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