



# ATLAS

SINCE 1919



ELECTRIC MATERIAL HANDLING MACHINE  
WITH BATTERY TECHNOLOGY

# 200MH *accu*

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



21 t



11.6 m



115 kWh Li-Ion Battery

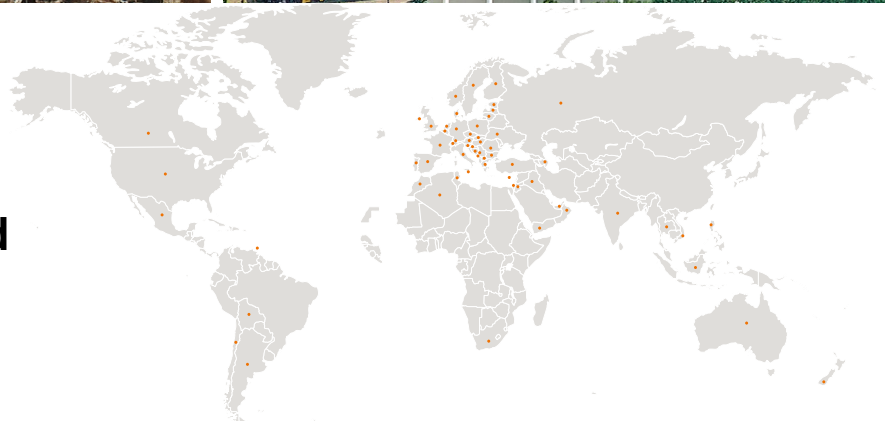
# ATLAS – CONSTRUCTION MACHINERY MANUFACTURER WITH TRADITION

## 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.

# 200MH *accu*

## Zero emissions, Actually!

### Technical details

Operating weight (including a 500 l gripper): 21 t

Boom reach: up to 11.6 m

Battery capacity: 115 kWh

Battery technology: Lithium-ion battery

Charging power: 75 kW at (charging station)

Full Charge Cycles: > 3,000

### The concept

- Maximum mobility and uninterrupted work in recycling operations.
- Powerful battery pack in the rear part of the machine.

### Environmental balance

- The machine works noticeably quieter and with less vibration compared to diesel-powered machines. The driver and the environment are relieved.
- A Positive CO<sub>2</sub>-Footprint:  
> 30 tons of CO<sub>2</sub> savings per year with the design 2,000 operating hours  
Maintenance-free, reduced service costs.



### Highest security

- In addition to regular diagnostics, the machine detects faults and interventions in the HV system and switches off in a controlled manner.
- • Long battery life:  
Always ideal cell temperature  
Temperature control of the battery cells.

**30 tons of CO<sub>2</sub> saving per year**

**ZERO EMISSIONS**

**NO EXHAUST GASES**

**NOISE-FREE**

## THE MOST IMPORTANT ADVANTAGES AT A GLANCE



### Zero Emissions

With the design 2,000 operating hours per year and energy generation from renewable energy sources, the battery-powered excavator saves an average of 30 t of CO<sub>2</sub> in just one year. No maintenance works, at the same time the machine works completely without any fossil raw materials and has reduced vibrations and noise.

People and the environment are noticeably relieved.



### Many charging cycles, long service life

Especially durable: The 200MH accu uses certified high-voltage battery systems with at least 4,000 full charge cycles. In addition, the integrated power electronics ensure a particularly gentle motor start-up.

## POWER MANAGEMENT:



### Working in battery mode

The battery pack in the rear of the machine serves as the sole source of energy. The machine drives and works completely independently.

## BASIC OPTIONS FOR CHARGING

### Direct current DC charging

#### Fast-charging station



#### CCS



High charging capacity 30 kW - 75 kW  
Charging time: up to 86% in 60 minutes (SoC)

### Alternating current AC charging

#### Wallbox Power connection



Low charging power  
11kW (16A), 22kW (32A), 44kW (63A)

## OVERVIEW OF INSTALLATION SITUATION

- Front view
- Installation within the existing chassis
- Module placement dependent on space



**ZERO EMISSIONS**

**NO EXHAUST GASES**

**NOISE-FREE**

## **LI-ION BATTERY SYSTEM GEN 3.0**

The **F-LiBS 3.0** - a high-performance lithium-ion battery system for mobile applications such as commercial vehicles, buses, work machines and your e-mobility ideas. The highly integrated package enables high power density with small dimensions. The laser-welded contact system and the integrated liquid temperature control, in combination with active heating and cooling system, enable heavy-duty continuous operation in many applications.

The module can be connected in series and in parallel, enabling a variety of configurations and giving you the flexibility you need for your customers.

### **CONFIGURATION AND EQUIPMENT:**

- Insulated stainless steel housing and liquid temperature control (VDA plug system)
- Battery master switch +/-
- Multi-connector system, high-voltage, low-voltage, communication, PE
- Measuring board cell voltage, temperature sensors
- Protection at cell level

#### **4X MODULE F-LIBS3.0-29**

Cell technology	Li-Ion NMC
Capacity (kWh)	115
Nominal voltage (V)	760
Operating temperatures (Cell level)	0°C - 40°C Charging -30°C - + 55°C Discharging
Thermomanagement	Water Glycol (Heating/Cooling)
Housing	Hybrid construction, thermally insulated
IP Protection class	IP 67
Dimensions L x W x H (mm)	1315 x 688 x 160
Weight (kg)	approx. 900 kg
Warranty	48 months
Certifications	UN 38.3, UL 1642, UL1972 Annex E



# 200MH<sub>accu</sub>



Atlas GmbH of Ganderkesee, has taken the lead in development with the design, manufacture and delivery of the first battery-powered material handler, the 200 MH accu.



## THE FIRST BATTERY-POWERED ATLAS MATERIAL HANDLERS



- Powerful battery in the rear of the machine for 4 hours of use without recharging.
- The machine works noticeably quieter and with less vibrations compared to diesel-powered machines.
- The driver and the environment are relieved.
- Maintenance-free and reduced service costs.
- No burning of fossil raw materials.
- Long battery life:  
Always ideal cell temperature by air conditioning of the battery cells.

# 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



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 200MH **accu**

## BATTERY-DRIVEN SYSTEM

Battery (Li-ion) capacity ..... 115 kWh	Nominal voltage..... 760 V	Drive motor ..... 140 kW
Rapid charging power DC direct current 50 kW - 150 kW	Alternating current AC charging ..... 11 kW - 44 kW	Battery life ..... approx. 6 hours

## HYDRAULIC SYSTEM

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

## 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..... 92.7kN
• Power-shift transmission	• Max. speed ..... 20 km/h	• Gradeability ..... 50 %
• 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 200MH<sup>accu</sup>

## 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 ..... 69 dB(A)</li> <li>• 2000/14 EG (L<sub>w</sub>A) ambience level ..... 93 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>• Cab elevation</li> <li>• Joystick steering</li> <li>• 270° camera system</li> </ul>	<ul style="list-style-type: none"> <li>• LED working lights</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> </ul>	<ul style="list-style-type: none"> <li>• Premium Driver seat (Actimo Evolution)</li> <li>• Electric cooling box</li> <li>• Radio with USB</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>• Support shield</li> </ul>
		<b>Other additional equipment:</b> See price list <b>Special options:</b> upon request

## FILL CAPACITIES

• Fuel tank .....301 litres	• Engine oil..... 15 litres	• Hydraulic system.....350 litres
• Cooling system.....38 litres	• Hydraulic tank ..... 180 litres	• Ad Blue® ..... 32 litres

## OPERATING WEIGHTS

	Boom 6.00 m (C6.6i)	Boom 5.5 m (C6.5i)	Moniblock boom 4.85 m (C6.4MG)
	Stick 4.00 m (D6.14i)	Stick 4.00 m (D6.14iS)	Stick 4.5 m (D6.15i)
SDB / outriggers	20.5 t / 21.3 t	20.7 t / 21.5 t	20.7 t / 21.5 t
4 support outriggers	20.8 t / 21.6 t	21 t / 21.8 t	21 t / 21.8 t
			Stick 3.2 m (D6.31)
			20.6 t / 21.4 t
			20.9 t - 21.7 t

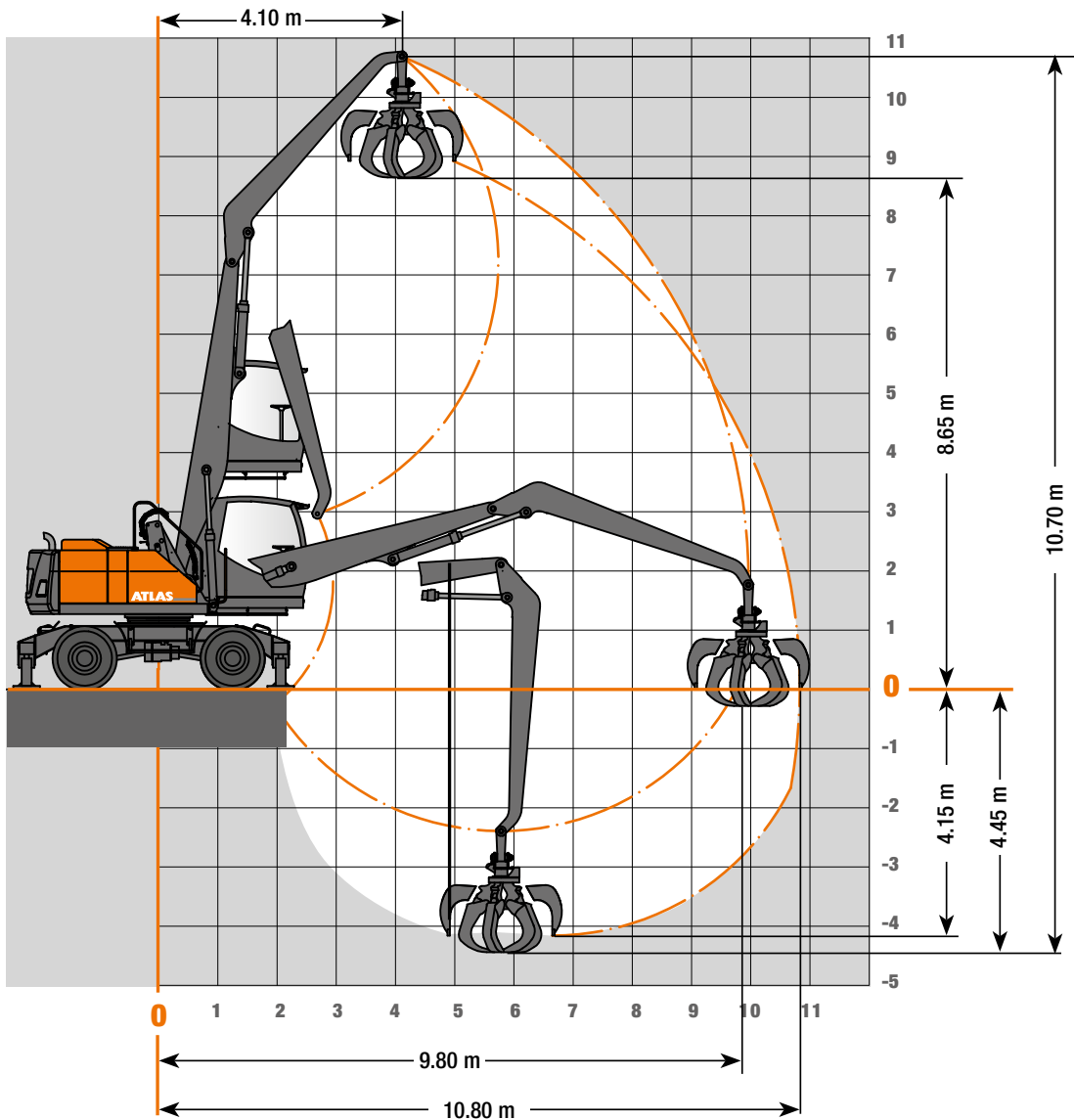
Operating weight incl. driver, fuel, lubricants and coolant plus 1.0 ton for attachments

## ATTACHMENTS

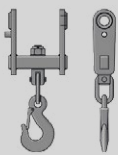
<ul style="list-style-type: none"> <li>• Clamshell grab</li> <li>• Orange peel grab</li> </ul>	<ul style="list-style-type: none"> <li>• Load hook</li> <li>• Load lifting magnet</li> </ul>	<ul style="list-style-type: none"> <li>• Log grab</li> <li>• Sorting grab</li> </ul>
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# WORKING RANGES 200MH<sub>accu</sub>

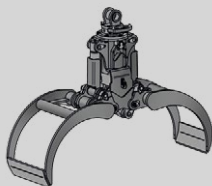
Boom 5.50 m (C6.5i) and jib 4.50 m (D6.15i)



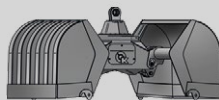
## Attachments



Load hook



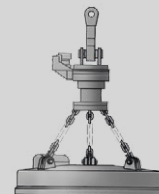
Log grab



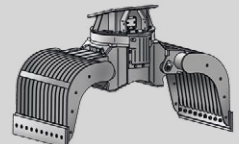
Clamshell grab



Orange peel grab

























Load lifting magnet



Sorting grapple

# LIFTING CAPACITIES 200MH<sub>accu</sub>

## Lifting capacities: Boom 5.50 m (C6.5i) and jib 4.50 m (D6.15i). Max. reach 10.80 m

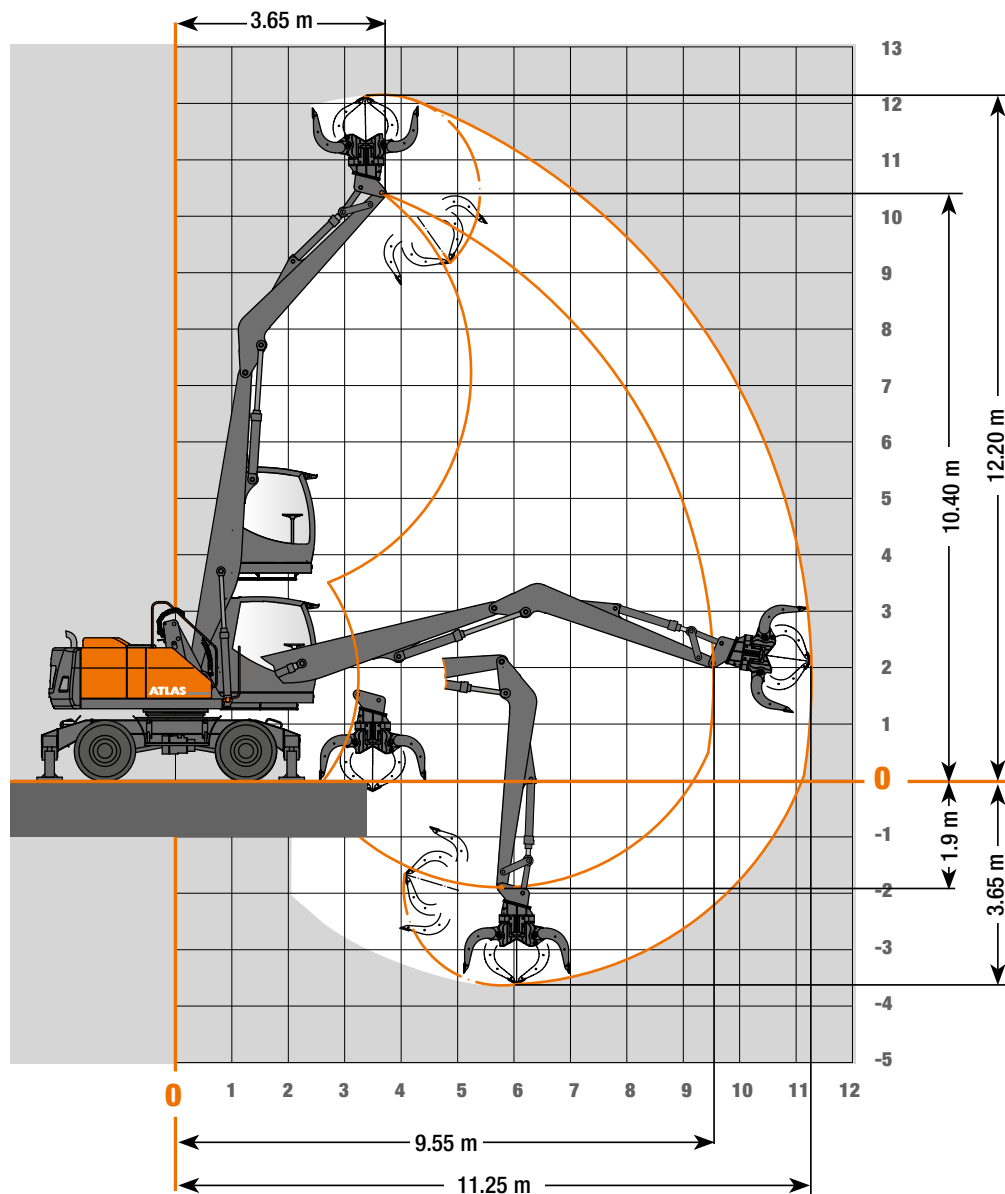
HEIGHT	Undercarriage position		3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	8.5 m	9.0 m	9.5 m
+9.0 m	FRONT 	outriggers down					5155	4840	4571						
		outriggers up					5155	4723*	4143*						
	LATERAL 	outriggers down					5155	4840	4571						
		outriggers up					4161*	3627*	3176*						
+8.0 m	FRONT 	outriggers down						4718	4458	4211	3976				
		outriggers up						4718	4197*	3721*	3324*				
	LATERAL 	outriggers down						4718	4458	4211	3976				
		outriggers up						3663*	3230*	2857*	2542*				
+7.0 m	FRONT 	outriggers down						4696	4406	4178	3934	3717			
		outriggers up						4696	4188*	3758*	3344*	3023*			
	LATERAL 	outriggers down						4696	4406	4178	3934	3717			
		outriggers up						3692*	3225*	2889*	2564*	2308*			
+6.0 m	FRONT 	outriggers down						4727	4435	4169	3937	3707	3462	3210	
		outriggers up						4727	4176*	3715*	3348*	3023*	2725*	2480*	
	LATERAL 	outriggers down						4727	4435	4169	3937	3707	3462	3210	
		outriggers up						3647*	3211*	2852*	2565*	2308*	2071*	1874*	
+5.0 m	FRONT 	outriggers down					5178	4829	4500	4217	3954	3692	3449	3208	
		outriggers up					5178	4693*	4139*	3682*	3316*	2977*	2706*	2478*	
	LATERAL 	outriggers down					5178	4829	4500	4217	3954	3692	3449	3208	
		outriggers up					4100*	3598*	3173*	2819*	2535*	2268*	2053*	1873*	
+4.0 m	FRONT 	outriggers down			6391	5844	5369	4949	4589	4273	3979	3702	3448	3182	2891
		outriggers up			6391	5844	5242*	4585*	4047*	3627*	3260*	2949*	2692*	2460*	2258*
	LATERAL 	outriggers down			6391	5844	5369	4949	4589	4273	3979	3702	3448	3182	2891
		outriggers up			5387*	4596*	3990*	3496*	3086*	2764*	2480*	2239*	2037*	1855*	1695*
+3.0 m	FRONT 	outriggers down	8701	7647	6781	6053	5527	5056	4661	4288	3969	3669	3405	3122	2811
		outriggers up	8701	7647	6781	5802*	5073*	4452*	3950*	3528*	3183*	2886*	2652*	2431*	2236*
	LATERAL 	outriggers down	8701	7647	6781	6053	5527	5056	4661	4288	3969	3669	3405	3122	2811
		outriggers up	7535*	6136*	5155*	4366*	3833*	3371*	2993*	2673*	2409*	2180*	1998*	1827*	1674*
+2.0 m	FRONT 	outriggers down	9317	8029	6981	6245	5610	5096	4675	4263	3915	3600	3303	2981	2665
		outriggers up	9317	7898*	6514*	5609*	4864*	4287*	3846*	3431*	3107*	2834*	2602*	2387*	2210*
	LATERAL 	outriggers down	9317	8029	6981	6245	5610	5096	4675	4263	3915	3600	3303	2981	2665
		outriggers up	6999*	5766*	4817*	4179*	3642*	3219*	2893*	2582*	2336*	2129*	1951*	1786*	1649*
+1.0 m	FRONT 	outriggers down	9298	7995	7001	6226	5559	5020	4543	4145	3779	3435	3119	2791	2406
		outriggers up	9201*	7465*	6270*	5403*	4700*	4160*	3705*	3347*	3040*	2778*	2559*	2358*	2182*
	LATERAL 	outriggers down	9298	7995	7001	6226	5559	5020	4543	4145	3779	3435	3119	2791	2406
		outriggers up	6494*	5378*	4579*	3983*	3485*	3097*	2766*	2501*	2272*	2075*	1909*	1757*	1623*
0 m	FRONT 	outriggers down	8512	7464	6626	5831	5245	4761	4279	3876	3502	3164	2810	2453	2043
		outriggers up	8512	7213*	6087*	5197*	4560*	4061*	3625*	3279*	2985*	2738*	2520*	2331*	2043
	LATERAL 	outriggers down	8512	7464	6626	5831	5245	4761	4279	3876	3502	3164	2810	2453	2043
		outriggers up	6185*	5150*	4407*	3797*	3354*	3002*	2687*	2434*	2218*	2035*	1872*	1731*	1611*
-1.0 m	FRONT 	outriggers down	7061	6379	5719	5167	4645	4213	3811	3416	3058	2713	2323	1914	
		outriggers up	7061	6379	5719	5113*	4457*	3966*	3575*	3231*	2945*	2708*	2323	1914	
	LATERAL 	outriggers down	7061	6379	5719	5167	4645	4213	3811	3416	3058	2713	2323	1914	
		outriggers up	6054*	4988*	4270*	3714*	3261*	2916*	2637*	2389*	2180*	2006*	1850*	1719*	

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.

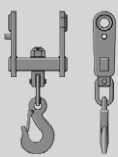
All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

# WORKING RANGES 200MH<sub>accu</sub>

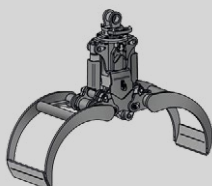
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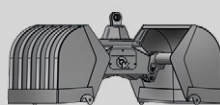
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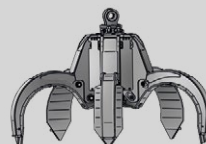
Load hook



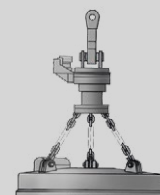
Log grab



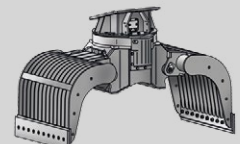
Clamshell grab



Orange peel grab



Load lifting magnet

























Sorting grapple



# LIFTING CAPACITIES 200MH<sub>accu</sub>

## Lifting capacities: Boom 5.50 m (C6.5i) and jib 4.00 m (D6.14is). Max. reach 11.25 m

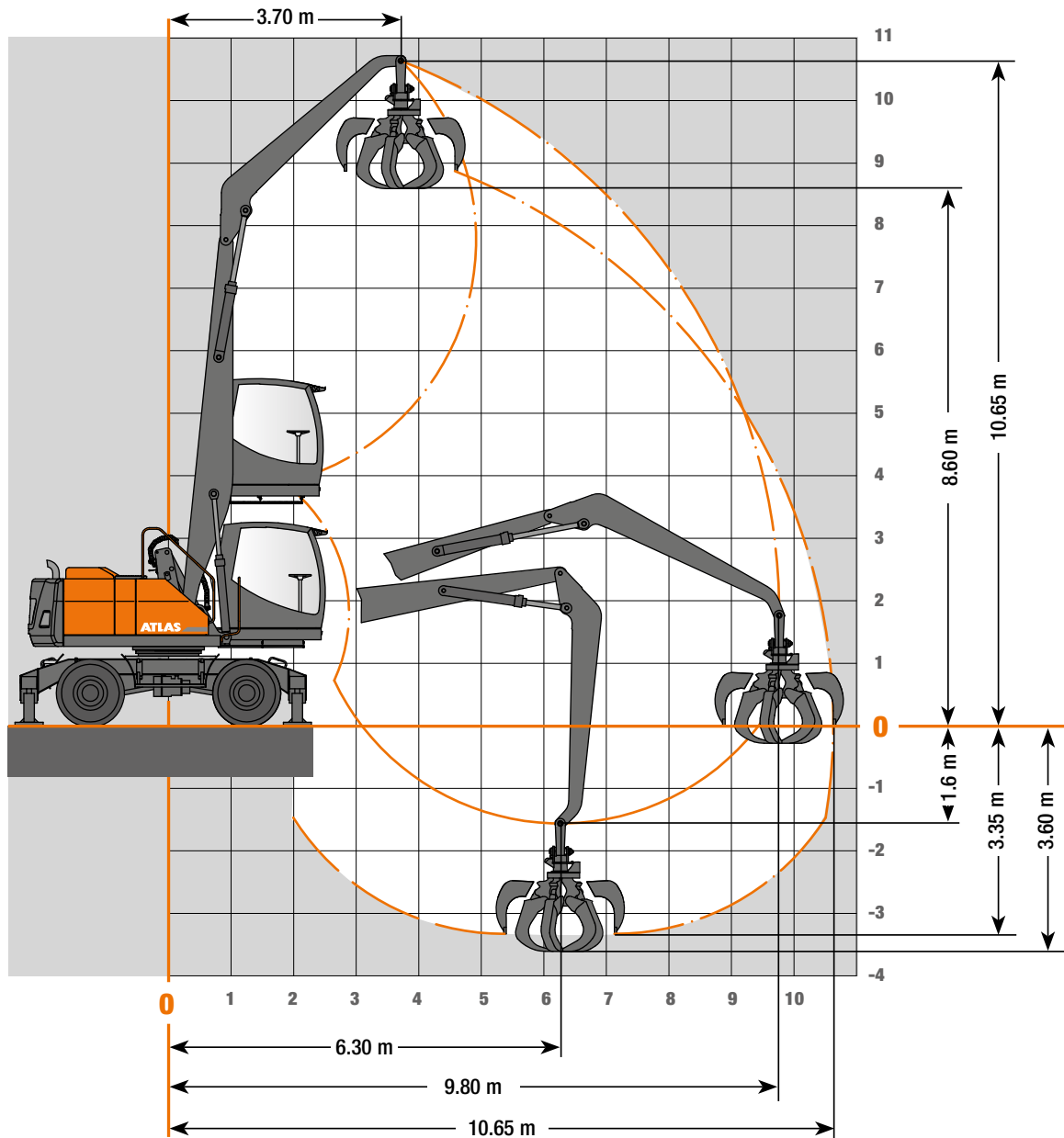
HEIGHT	Undercarriage position		3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	8.5 m	9.0 m	9.5 m
+9.0 m	FRONT 	outriggers down				5768	5388	5041							
		outriggers up				5768	5301*	4590*							
	LATERAL 	outriggers down				5768	5388	5041							
		outriggers up				4699*	4048*	3504*							
+8.0 m	FRONT 	outriggers down					5226	4902	4601	4326					
		outriggers up					5226	4683*	4116*	3643*					
	LATERAL 	outriggers down					5226	4902	4601	4326					
		outriggers up					4109*	3591*	3153*	2782*					
+7.0 m	FRONT 	outriggers down					5192	4835	4560	4274	4012				
		outriggers up					5192	4659*	4150*	3670*	3282*				
	LATERAL 	outriggers down					5192	4835	4560	4274	4012				
		outriggers up					4134*	3577*	3184*	2810*	2505*				
+6.0 m	FRONT 	outriggers down					5250	4880	4559	4283	4010	3731	3452		
		outriggers up					5250	4660*	4110*	3680*	3299*	2959*	2686*		
	LATERAL 	outriggers down					5250	4880	4559	4283	4010	3731	3452		
		outriggers up					4104*	3572*	3150*	2816*	2519*	2251*	2033*		
+5.0 m	FRONT 	outriggers down				5824	5359	4957	4620	4304	4014	3724	3449	3118	
		outriggers up				5824	5273*	4603*	4084*	3635*	3268*	2945*	2683*	2445*	
	LATERAL 	outriggers down				5824	5359	4957	4620	4304	4014	3724	3449	3118	
		outriggers up				4658*	4023*	3518*	3122*	2775*	2490*	2237*	2031*	1841*	
+4.0 m	FRONT 	outriggers down		7456	6680	6029	5509	5069	4682	4333	4014	3716	3405	3082	
		outriggers up		7456	6680	5928*	5127*	4521*	3997*	3579*	3223*	2922*	2652*	2427*	
	LATERAL 	outriggers down		7456	6680	6029	5509	5069	4682	4333	4014	3716	3405	3082	
		outriggers up		6294*	5269*	4480*	3889*	3437*	3040*	2721*	2447*	2213*	2003*	1826*	
+3.0 m	FRONT 	outriggers down	9119	7898	6967	6249	5638	5139	4702	4339	3989	3664	3353	3004	2560
		outriggers up	9119	7898	6750*	5765*	4991*	4385*	3894*	3511*	3167*	2879*	2634*	2412*	2219*
	LATERAL 	outriggers down	9119	7898	6967	6249	5638	5139	4702	4339	3989	3664	3353	3004	2560
		outriggers up	7281*	5992*	5025*	4322*	3760*	3312*	2944*	2655*	2393*	2171*	1983*	1810*	1659*
+2.0 m	FRONT 	outriggers down	9410	8135	7086	6331	5678	5107	4676	4260	3883	3549	3208	2853	2369
		outriggers up	9410	7713*	6423*	5550*	4833*	4234*	3808*	3421*	3096*	2829*	2596*	2392*	2206*
	LATERAL 	outriggers down	9410	8135	7086	6331	5678	5107	4676	4260	3883	3549	3208	2853	2369
		outriggers up	6727*	5609*	4733*	4123*	3611*	3173*	2860*	2571*	2326*	2125*	1946*	1790*	1646*
+1.0 m	FRONT 	outriggers down	9021	7864	6932	6127	5482	4954	4483	4081	3689	3324	2951	2550	2046
		outriggers up	9020*	7382*	6232*	5328*	4653*	4133*	3697*	3353*	3043*	2786*	2556*	2365*	2046
	LATERAL 	outriggers down	9021	7864	6932	6127	5482	4954	4483	4081	3689	3324	2951	2550	2046
		outriggers up	6356*	5309*	4542*	3922*	3447*	3075*	2758*	2505*	2275*	2082*	1909*	1764*	1636*
0 m	FRONT 	outriggers down	7823	7029	6253	5659	5060	4560	4105	3711	3321	2938	2571	2108	
		outriggers up	7823	7029	6037*	5226*	4571*	4057*	3620*	3291*	2995*	2739*	2536*	2108	
	LATERAL 	outriggers down	7823	7029	6253	5659	5060	4560	4105	3711	3321	2938	2571	2108	
		outriggers up	6193*	5144*	4371*	3821*	3363*	3000*	2687*	2447*	2230*	2040*	1888*	1748*	
-1.0 m	FRONT 	outriggers down	6082	5695	5217	4758	4314	3923	3547	3121	2778	2371			
		outriggers up	6082	5695	5217	4758	4314	3923	3547	3121	2778	2371			
	LATERAL 	outriggers down	6082	5695	5217	4758	4314	3923	3547	3121	2778	2371			
		outriggers up	6082	5073*	4294*	3750*	3304*	2946*	2662*	2412*	2206*	2030*			

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.

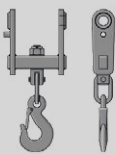
All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

# WORKING RANGES 200MH<sub>accu</sub>

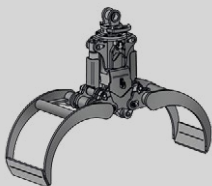
Boom 6.00 m (C6.6i) and jib 4.0 m (D6.14i)



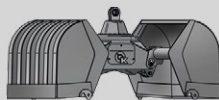
## Attachments



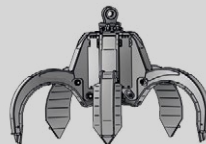
Load hook



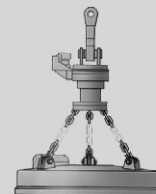
Log grab



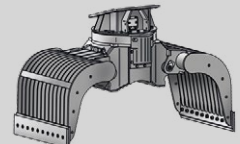
Clamshell grab



Orange peel grab

























Load lifting magnet



Sorting grapple

# LIFTING CAPACITIES 200MH<sup>accu</sup>

## Lifting capacities: Boom 6.00 m (C6.6i) and jib 4.0 m (D6.14i). Max. reach 10.65 m

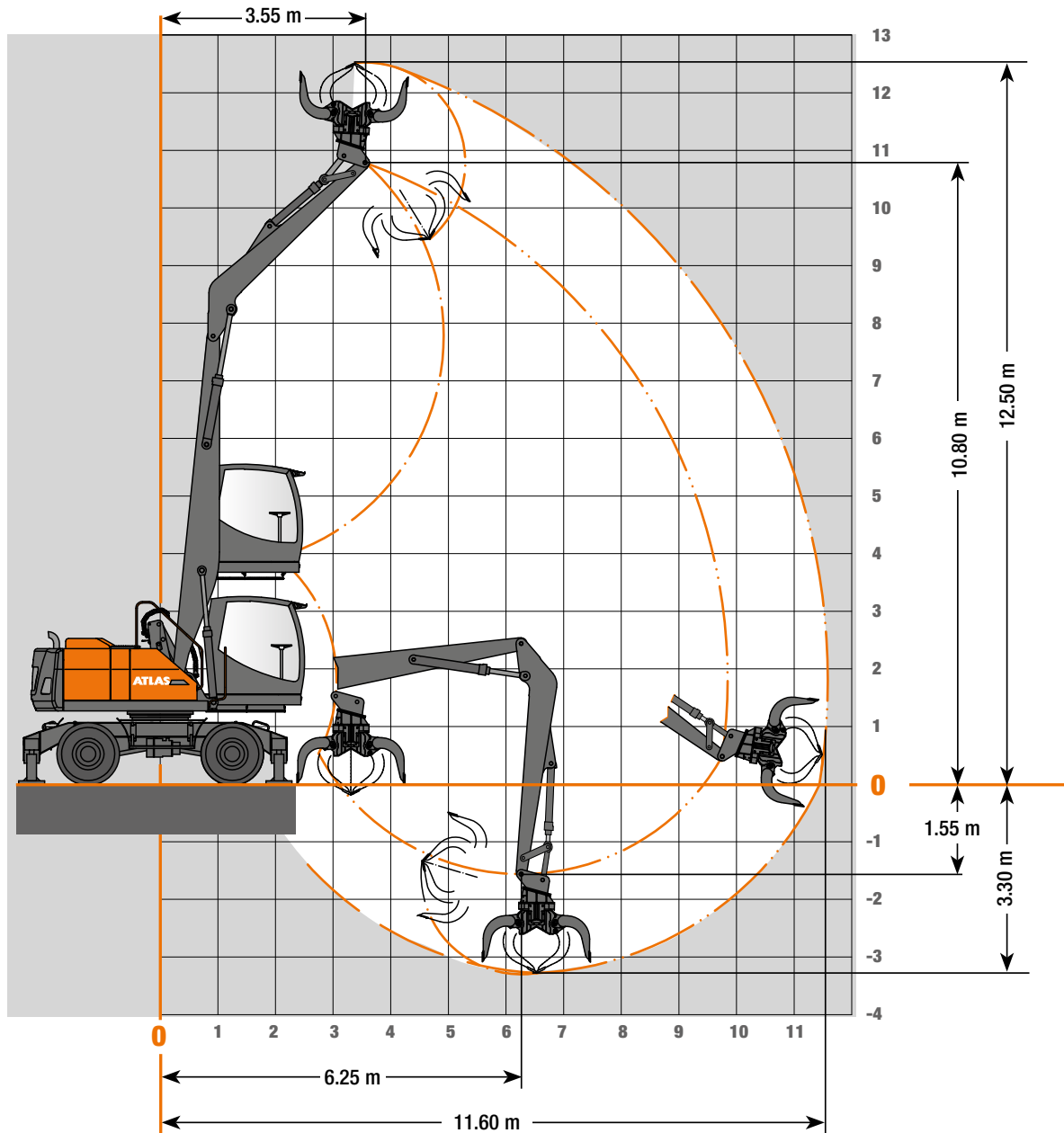
HEIGHT	Undercarriage position		3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	8.5 m	9.0 m	9.5 m
+9.0 m	FRONT 	outriggers down				5702	5271	4907							
		outriggers up				5702	5271	4650*							
	LATERAL 	outriggers down				5702	5271	4907							
		outriggers up				4766*	4097*	3556*							
+8.0 m	FRONT 	outriggers down				5608	5172	4844	4509	4224					
		outriggers up				5608	5172	4706*	4107*	3647*					
	LATERAL 	outriggers down				5608	5172	4844	4509	4224					
		outriggers up				4778*	4088*	3607*	3145*	2785*					
+7.0 m	FRONT 	outriggers down				5622	5207	4810	4505	4209	3953	3688			
		outriggers up				5622	5207	4643*	4124*	3661*	3296*	2958*			
	LATERAL 	outriggers down				5622	5207	4810	4505	4209	3953	3688			
		outriggers up				4758*	4120*	3557*	3158*	2798*	2512*	2245*			
+6.0 m	FRONT 	outriggers down				5731	5277	4867	4539	4214	3948	3684	3405		
		outriggers up				5731	5277	4610*	4102*	3624*	3272*	2955*	2661*		
	LATERAL 	outriggers down				5731	5277	4867	4539	4214	3948	3684	3405		
		outriggers up				4697*	4051*	3523*	3135*	2764*	2490*	2242*	2009*		
+5.0 m	FRONT 	outriggers down		7217	6493	5904	5396	4955	4572	4250	3955	3678	3409	3118	
		outriggers up		7217	6493	5904	5214*	4551*	4001*	3585*	3234*	2928*	2661*	2416*	
	LATERAL 	outriggers down		7217	6493	5904	5396	4955	4572	4250	3955	3678	3409	3118	
		outriggers up		6403*	5355*	4578*	3960*	3463*	3043*	2724*	2453*	2215*	2006*	1812*	
+4.0 m	FRONT 	outriggers down	8770	7628	6771	6085	5500	5027	4635	4267	3944	3643	3352	3069	2756
		outriggers up	8770	7628	6771	5843*	5027*	4411*	3930*	3514*	3167*	2871*	2612*	2393*	2197*
	LATERAL 	outriggers down	8770	7628	6771	6085	5500	5027	4635	4267	3944	3643	3352	3069	2756
		outriggers up	7500*	6112*	5142*	4389*	3792*	3333*	2972*	2656*	2390*	2162*	1961*	1790*	1636*
+3.0 m	FRONT 	outriggers down	9264	7967	6994	6215	5598	5076	4630	4237	3909	3574	3273	2994	2668
		outriggers up	9264	7843*	6567*	5587*	4861*	4292*	3816*	3420*	3108*	2813*	2572*	2372*	2185*
	LATERAL 	outriggers down	9264	7967	6994	6215	5598	5076	4630	4237	3909	3574	3273	2994	2668
		outriggers up	6956*	5717*	4845*	4153*	3631*	3218*	2864*	2568*	2333*	2107*	1922*	1768*	1623*
+2.0 m	FRONT 	outriggers down	9213	7936	6952	6136	5535	4987	4539	4131	3789	3439	3124	2812	2492
		outriggers up	9127*	7423*	6240*	5326*	4689*	4135*	3703*	3329*	3033*	2756*	2528*	2330*	2162*
	LATERAL 	outriggers down	9213	7936	6952	6136	5535	4987	4539	4131	3789	3439	3124	2812	2492
		outriggers up	6424*	5332*	4550*	3919*	3471*	3072*	2757*	2482*	2261*	2052*	1879*	1729*	1600*
+1.0 m	FRONT 	outriggers down	8204	7350	6508	5842	5226	4748	4319	3912	3570	3215	2895	2575	2189
		outriggers up	8204	7122*	5968*	5166*	4503*	4023*	3609*	3254*	2969*	2709*	2491*	2304*	2137*
	LATERAL 	outriggers down	8204	7350	6508	5842	5226	4748	4319	3912	3570	3215	2895	2575	2189
		outriggers up	6022*	5062*	4304*	3762*	3302*	2964*	2667*	2409*	2200*	2006*	1844*	1703*	1577*
0 m	FRONT 	outriggers down	6566	6212	5700	5221	4693	4288	3887	3531	3170	2863	2515	2172	
		outriggers up	6566	6212	5700	5054*	4412*	3927*	3525*	3199*	2907*	2672*	2456*	2172	
	LATERAL 	outriggers down	6566	6212	5700	5221	4693	4288	3887	3531	3170	2863	2515	2172	
		outriggers up	5903*	4922*	4181*	3657*	3214*	2875*	2589*	2355*	2143*	1971*	1811*	1682*	
-1.0 m	FRONT 	outriggers down			4467	4234	3888	3565	3263	2941	2641	2296			
		outriggers up			4467	4234	3888	3565	3263	2941	2641	2296			
	LATERAL 	outriggers down			4467	4234	3888	3565	3263	2941	2641	2296			
		outriggers up			4115*	3596*	3157*	2833*	2552*	2317*	2115*	1949*			

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.

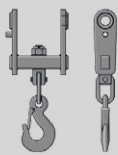
All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

# WORKING RANGES 200MH<sub>accu</sub>

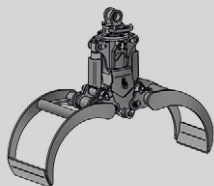
Boom 6.00 m (C6.6i) and jib 4.0 m (D6.14iS)



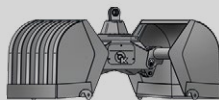
## Attachments



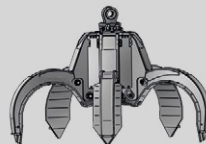
Load hook



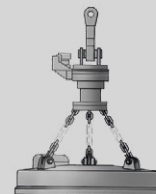
Log grab



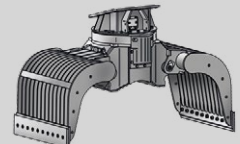
Clamshell grab



Orange peel grab

























Load lifting magnet



Sorting grapple

# LIFTING CAPACITIES 200MH<sub>accu</sub>

## Lifting capacities: Boom 6.00 m (C6.6i) and jib 4.00 m (D6.14is). Max. reach 11.60 m

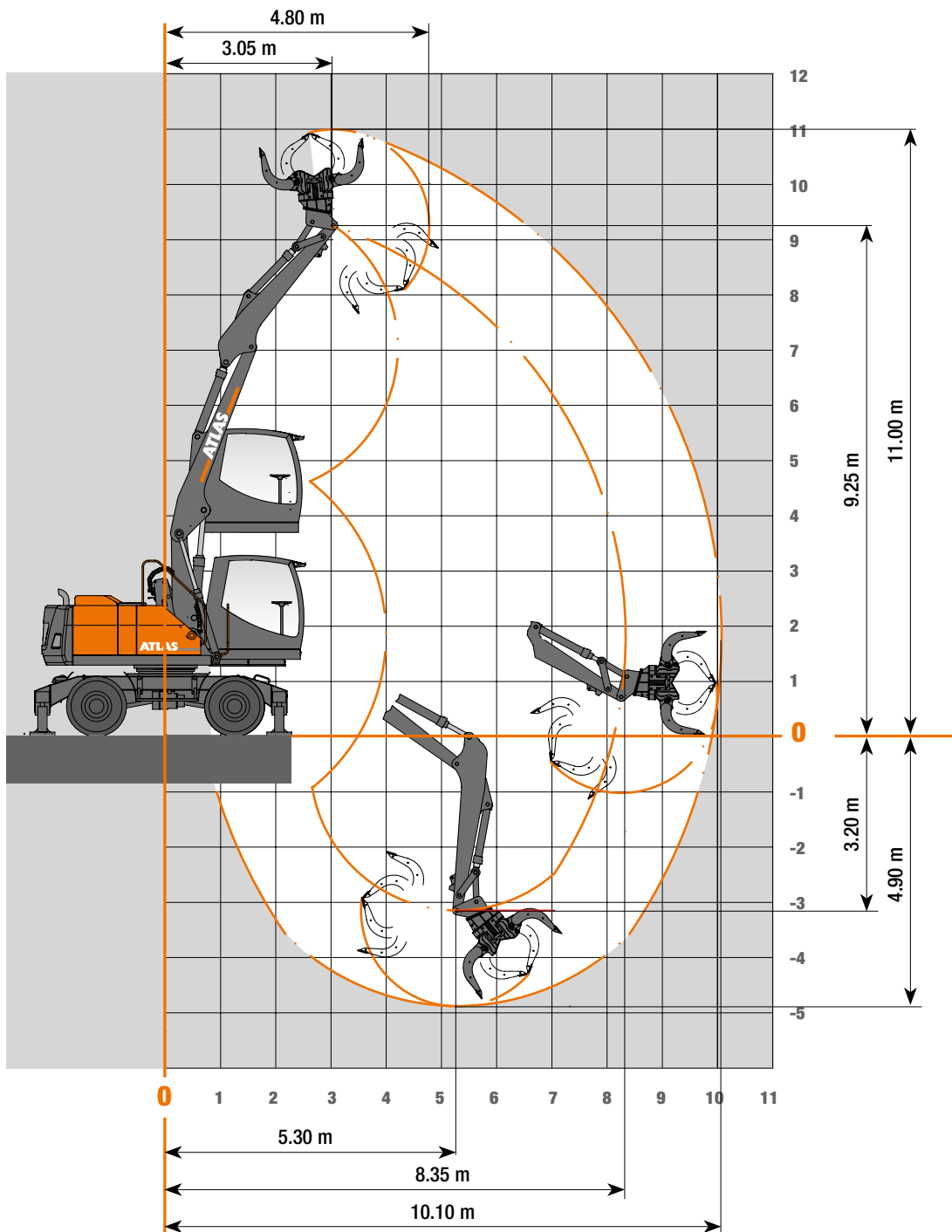
HEIGHT	Undercarriage position		3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	8.5 m	9.0 m	9.5 m
+9.0 m	FRONT 	outriggers down				5688	5257	4910	4579						
		outriggers up				5688	5257	4654*	4070*						
	LATERAL 	outriggers down				5688	5257	4910	4579						
		outriggers up				4753*	4059*	3558*	3106*						
+8.0 m	FRONT 	outriggers down				5607	5172	4843	4509	4225	3964				
		outriggers up				5607	5172	4706*	4107*	3647*	3267*				
	LATERAL 	outriggers down				5607	5172	4843	4509	4225	3964				
		outriggers up				4777*	4088*	3607*	3144*	2785*	2485*				
+7.0 m	FRONT 	outriggers down				5627	5210	4812	4505	4207	3951	3684			
		outriggers up				5627	5210	4645*	4124*	3659*	3295*	2955*			
	LATERAL 	outriggers down				5627	5210	4812	4505	4207	3951	3684			
		outriggers up				4762*	4123*	3558*	3158*	2797*	2511*	2242*			
+6.0 m	FRONT 	outriggers down				5723	5270	4875	4519	4210	3945	3682	3403		
		outriggers up				5723	5270	4619*	4064*	3620*	3269*	2953*	2660*		
	LATERAL 	outriggers down				5723	5270	4875	4519	4210	3945	3682	3403		
		outriggers up				4689*	4045*	3529*	3104*	2762*	2488*	2240*	2008*		
+5.0 m	FRONT 	outriggers down		7252	6520	5891	5386	4948	4582	4258	3951	3675	3407	3118	
		outriggers up		7252	6520	5891	5179*	4522*	4011*	3592*	3230*	2925*	2659*	2416*	
	LATERAL 	outriggers down		7252	6520	5891	5386	4948	4582	4258	3951	3675	3407	3118	
		outriggers up		6440*	5381*	4567*	3933*	3440*	3051*	2730*	2451*	2214*	2005*	1813*	
+4.0 m	FRONT 	outriggers down	8770	7648	6786	6095	5523	5046	4628	4262	3940	3650	3357	3067	2757
		outriggers up	8770	7648	6786	5827*	5052*	4429*	3923*	3508*	3162*	2877*	2616*	2391*	2198*
	LATERAL 	outriggers down	8770	7648	6786	6095	5523	5046	4628	4262	3940	3650	3357	3067	2757
		outriggers up	7549*	6094*	5126*	4376*	3811*	3347*	2967*	2652*	2387*	2167*	1965*	1789*	1637*
+3.0 m	FRONT 	outriggers down	9247	7955	6971	6211	5597	5066	4622	4252	3890	3583	3280	2991	2666
		outriggers up	9247	7853*	6537*	5597*	4871*	4281*	3807*	3434*	3091*	2821*	2578*	2370*	2183*
	LATERAL 	outriggers down	9247	7955	6971	6211	5597	5066	4622	4252	3890	3583	3280	2991	2666
		outriggers up	6969*	5729*	4826*	4165*	3641*	3210*	2859*	2579*	2319*	2113*	1927*	1767*	1622*
+2.0 m	FRONT 	outriggers down	9173	7937	6929	6173	5521	4976	4530	4147	3784	3465	3149	2837	2491
		outriggers up	9067*	7422*	6212*	5365*	4673*	4124*	3694*	3344*	3027*	2771*	2539*	2339*	2160*
	LATERAL 	outriggers down	9173	7937	6929	6173	5521	4976	4530	4147	3784	3465	3149	2837	2491
		outriggers up	6389*	5341*	4533*	3948*	3461*	3065*	2752*	2493*	2258*	2064*	1889*	1737*	1599*
+1.0 m	FRONT 	outriggers down	8233	7325	6551	5825	5256	4737	4310	3906	3550	3211	2904	2582	2219
		outriggers up	8233	7098*	6017*	5147*	4534*	4012*	3600*	3247*	2963*	2705*	2499*	2310*	2141*
	LATERAL 	outriggers down	8233	7325	6551	5825	5256	4737	4310	3906	3550	3211	2904	2582	2219
		outriggers up	6065*	5047*	4339*	3751*	3325*	2957*	2662*	2405*	2196*	2004*	1850*	1708*	1581*
0 m	FRONT 	outriggers down	6596	6193	5684	5207	4720	4312	3907	3526	3184	2859	2523	2170	
		outriggers up	6596	6193	5684	5056*	4427*	3939*	3536*	3200*	2921*	2674*	2465*	2170	
	LATERAL 	outriggers down	6596	6193	5684	5207	4720	4312	3907	3526	3184	2859	2523	2170	
		outriggers up	5920*	4903*	4186*	3659*	3226*	2886*	2599*	2356*	2153*	1972*	1818*	1681*	
-1.0 m	FRONT 	outriggers down				4497	4224	3912	3586	3258	2956	2653	2294		
		outriggers up				4497	4224	3912	3586	3258	2956	2653	2294		
	LATERAL 	outriggers down				4497	4224	3912	3586	3258	2956	2653	2294		
		outriggers up				4146*	3586*	3179*	2836*	2547*	2320*	2126*	1947*		

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.

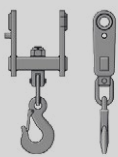
All loading capacities are listed with 2.5 m undercarriage width. The undercarriage may be delivered with 2.75 m width as an option.

# WORKING RANGES 200MH<sub>accu</sub>

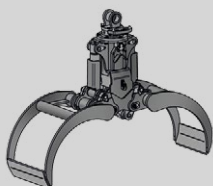
Adjustable Boom, Base Arm 1.87 m (C6.41), Boom 3.62 m (C6.461) + Stick 2.65 m (D6.3)



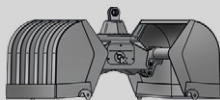
## Attachments



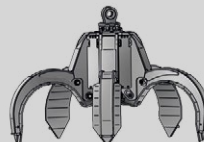
Load hook



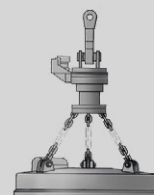
Log grab



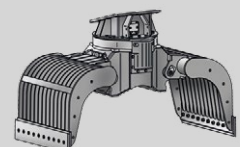
Clamshell grab



Orange peel grab

















Load lifting magnet



Sorting grapple

# LIFTING CAPACITIES 200MH<sub>accu</sub>

## Adjustable Boom, Base Arm 1.87 m (C6.41), Boom 3.62 m (C6.461) + Stick 2.65 m (D6.3). Max. reach 10.10 m

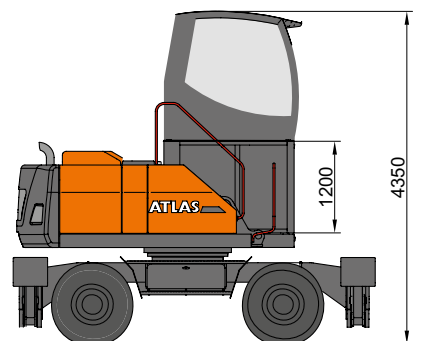
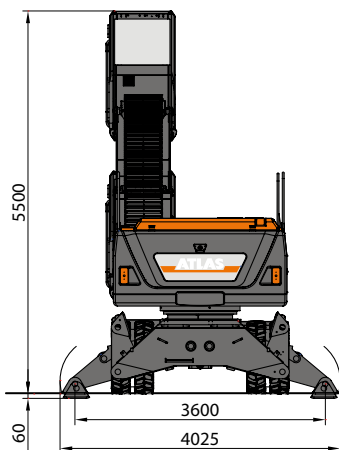
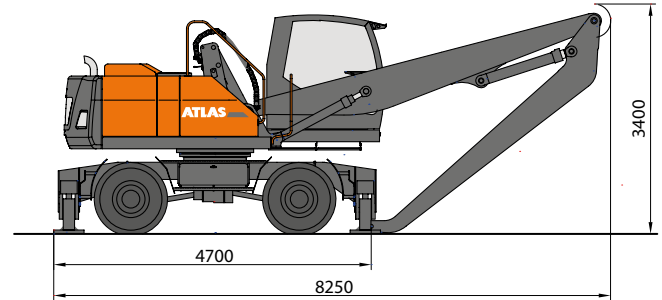
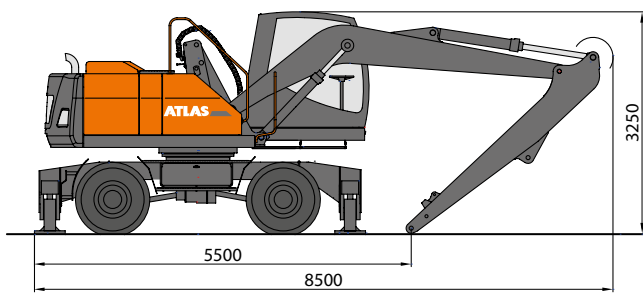
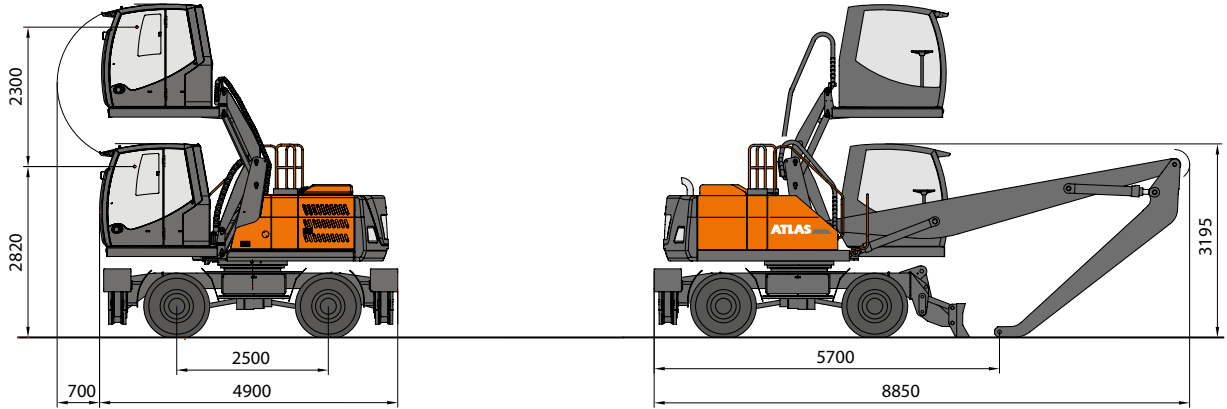
HEIGHT	Undercarriage position		2.0 m	2.5 m	3.0 m	3.5 m	4.0 m	4.5 m	5.0 m	5.5 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	
+8.0 m	FRONT 	outriggers down					3 947	3 781	3 685							
		outriggers up					3 947	3 781	3 685							
	LATERAL 	outriggers down					3 947	3 781	3 685							
		outriggers up					3 947	3 781	3 685							
+6.5 m	FRONT 	outriggers down						3 628	3 465	3 261	3 217	3 141				
		outriggers up						3 628	3 465	3 261	3 217	3 141				
	LATERAL 	outriggers down						3 628	3 465	3 261	3 217	3 141				
		outriggers up						3 628	3 465	3 261	3 217	3 141				
+5.0 m	FRONT 	outriggers down				4 817	4 192	3 973	3 625	3 508	3 299	3 148	2 989	2 926		
		outriggers up				4 817	4 192	3 973	3 625	3 508	3 299	3 148	2 989	2 926		
	LATERAL 	outriggers down				4 817	4 192	3 973	3 625	3 508	3 299	3 148	2 989	2 926		
		outriggers up				4 817	4 192	3 973	3 625	3 508	3 299	3 148	2 868*	2 502*		
+3.5 m	FRONT 	outriggers down			5 545	5 829	5 311	4 673	4 197	3 826	3 517	3 318	3 150	2 981	2 823	
		outriggers up			5 545	5 829	5 311	4 673	4 197	3 826	3 517	3 318	3 150	2 981	2 823	
	LATERAL 	outriggers down			5 545	5 829	5 311	4 673	4 197	3 826	3 517	3 318	3 150	2 981	2 823	
		outriggers up			5 545	5 829	5 311	4 673	4 197	3 826	3 517	3 287*	2 891*	2 520*	2 233*	
+2.0 m	FRONT 	outriggers down		6 900	6 800	6 496	6 090	5 293	4 627	4 234	3 825	3 505	3 269	3 057	2 845	
		outriggers up		6 900	6 800	6 496	6 090	5 293	4 627	4 234	3 825	3 505	3 269	3 057	2 845	
	LATERAL 	outriggers down		6 900	6 800	6 496	6 090	5 293	4 627	4 234	3 825	3 505	3 269	3 057	2 845	
		outriggers up		6 900	6 800	6 496	6 090	5 225*	4 544*	4 003*	3 616*	3 242*	2 796*	2 469*	2 212*	
+0.5 m	FRONT 	outriggers down	15 143	11 288	9 042	7 394	6 334	5 490	4 874	4 369	3 950	3 608	3 308	3 069	2 838	
		outriggers up	15 143	11 288	9 042	7 394	6 334	5 490	4 874	4 369	3 950	3 608	3 308	3 069	2 838	
	LATERAL 	outriggers down	15 143	11 288	9 042	7 394	6 334	5 490	4 874	4 369	3 950	3 608	3 308	3 069	2 838	
		outriggers up	15 143	11 288	8 908*	7 296*	6 050*	5 126*	4 439*	3 942*	3 472*	3 056*	2 698*	2 421*	2 162*	
-1.0 m	FRONT 	outriggers down	15 791	11 650	9 160	7 519	6 389	5 569	4 918	4 402	3 984	3 649	3 368	2 988		
		outriggers up	15 791	11 650	9 160	7 519	6 389	5 569	4 918	4 402	3 984	3 649	3 368	2 988		
	LATERAL 	outriggers down	15 791	11 650	9 160	7 519	6 389	5 569	4 918	4 402	3 984	3 649	3 368	2 988		
		outriggers up	15 791	11 547*	8 607*	6 912*	5 706*	4 880*	4 270*	3 762*	3 314*	2 918*	2 601*	2 352*		
-2.5 m	FRONT 	outriggers down	16 352	11 973	9 469	7 762	6 650	5 789	5 146	4 574	3 984	3 316	2 411			
		outriggers up	16 352	11 973	9 469	7 762	6 650	5 789	5 146	4 574	3 984	3 316	2 411			
	LATERAL 	outriggers down	16 352	11 973	9 469	7 762	6 650	5 789	5 146	4 574	3 984	3 316	2 411			
		outriggers up	16 352	11 477*	8 656*	6 838*	5 684*	4 845*	4 211*	3 631*	3 186*	2 826*	2 411			
-4.0 m	FRONT 	outriggers down	15 640	11 615	9 048	7 339	5 908	4 765	3 609							
		outriggers up	15 640	11 615	9 048	7 339	5 908	4 765	3 609							
	LATERAL 	outriggers down	15 640	11 615	9 048	7 339	5 908	4 765	3 609							
		outriggers up	15 640	11 615	8 681*	6 872*	5 580*	4 740*	3 609							

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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.

# DIMENSION 200MH<sub>accu</sub>

## 200MH<sub>accu</sub> Transport position







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