



**100**  
ATLAS 1919 - 2019

**ATLAS**  
SINCE 1919

 33.3 - 38 t

 180 kW (245 HP)

EU Stage V

 13.5 - 18.2 m

**STABLE.  
STRONG.  
STEADY.**



**MATERIAL HANDLING  
MACHINE 350MH**

[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

## 350MH





**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



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 350MH

## ENGINE

Power rating.....180 kW (245 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 / intercooler	Battery ..... 2 x 12 V / 100 Ah	• Diesel pre-filter
Cylinder capacity ..... 6100 cm <sup>3</sup>	Generator ..... 28 V / 100 A	• Engine monitoring
Number of cylinders ..... 6	Starter..... 24 V / 5.5 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 ..... 630 l/min	F3 (Power)
• Primary and secondary protection against overload	• Max. operating pressure ..... 320 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 ..... 103.38 kNm
• Planetary transmission	• Two, two-stage valves	• Max. swing speed ..... 8.5/min

## TRACTION DRIVE AND BRAKES

• Variable displacement motor	• Automotive traveling and cruise control:	• Tractive force..... 110 kN
• Manual gearbox	• Max. speed ..... 16 km/h	• Gradeability ..... 33 %
• Double-acting brake valve	• Off-road speed ..... 5 km/h	• Dual-circuit brake system ..... Drum brake
• Travel direction pre-selection via switch in joystick	• Crawling speed..... 1 km/h	• Parking brake ..... Spring-loaded brake

## UNDERCARRIAGE

• Steering axle with automatic oscillating axle locking	• Heavy duty axles	• STD tires: Alliance 12.00-20
• Additional axis locking via left joystick	• Toolbox in undercarriage	

## TIRES

### OPTIONAL:

- Solid rubber, elastic 8-tyres 12.00-20



# WORKING EQUIPMENT 350MH

## 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 ..... 73 dB(A)</li> <li>• 2000/14 EG (L<sub>w</sub>A) ambience level ..... 104 dB(A)</li> </ul>

## ADDITIONAL EQUIPMENT

<ul style="list-style-type: none"> <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> <li>• LED working lights</li> </ul>	<ul style="list-style-type: none"> <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</li> <li>• GPS/GSM telemetric system for monitoring of operating data, consumption, position</li> <li>• Biodegradable oil</li> <li>• Refueling pump</li> </ul>
		<b>Other additional equipment:</b> See price list <b>Special options:</b> upon request

## FILL CAPACITIES

• Fuel tank .....425 litres	• Engine oil..... 15 litres	• Hydraulic system.....970 litres
• Cooling system.....48 litres	• Hydraulic tank .....505 litres	• Ad Blue® ..... 32 litres

## OPERATING WEIGHTS

	MONOBLOCK BOOM 9.45 m (C84.6i)	MONOBLOCK BOOM 10.60 m (C84.7i)
	Stick 6.90 m (D84.16i)	Stick 7.75 m (D84.17i)
Support dozer blade		
SDB / outriggers		
4 support outriggers	36.1 t	37.4 t

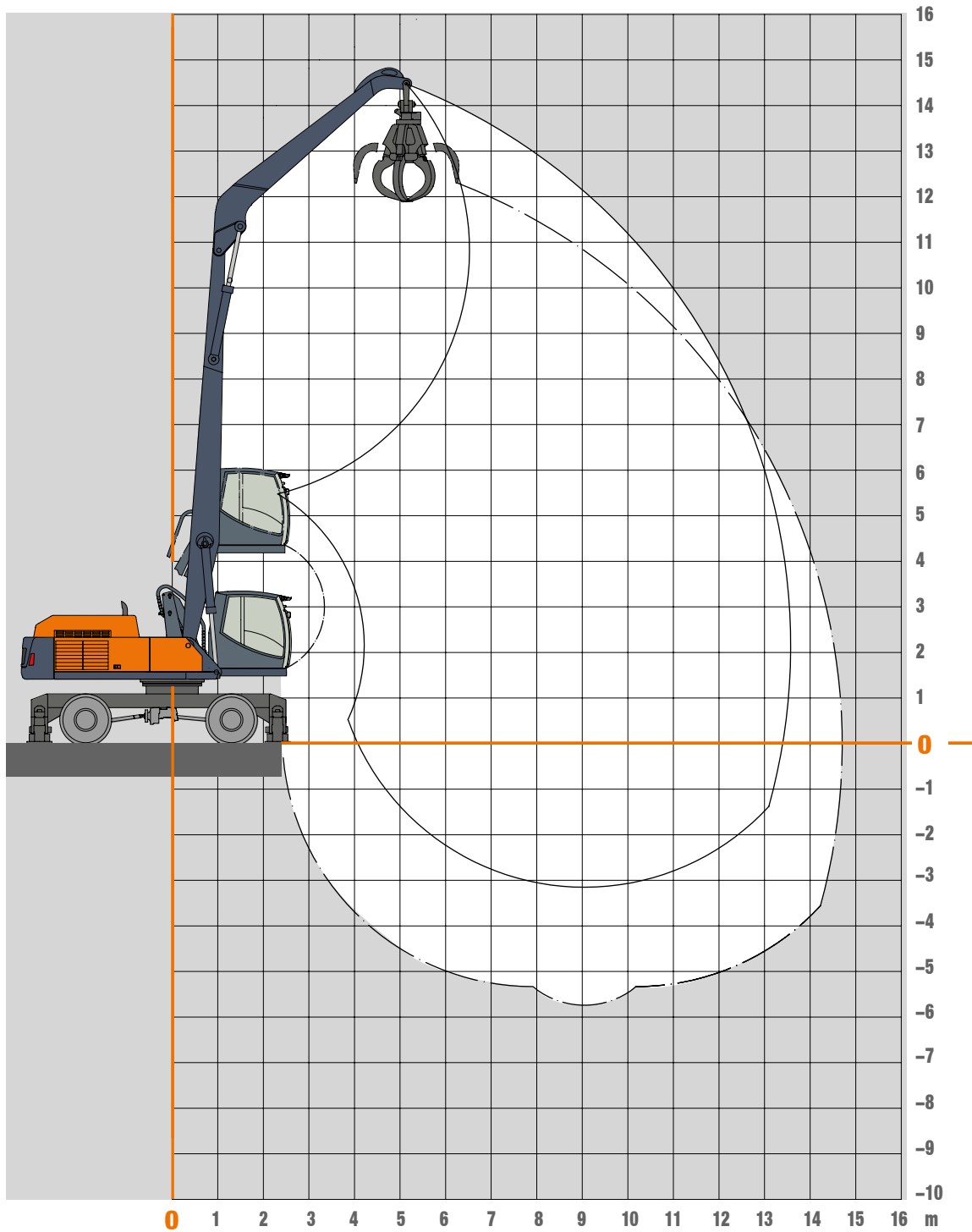
Operating weight incl. driver, fuel, lubricants and coolant plus 1.0 ton for attachments

## ATTACHMENTS

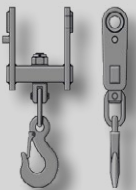
<ul style="list-style-type: none"> <li>• Clamshell grab</li> <li>• Orange peel grab</li> </ul>	<ul style="list-style-type: none"> <li>• Load hook</li> <li>• Load lifting magnet</li> </ul>	<ul style="list-style-type: none"> <li>• Log grab</li> <li>• Sorting grab</li> </ul>
--	--	--

# WORKING RANGES 350MH

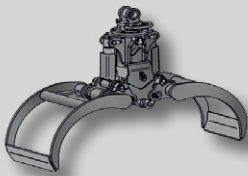
Loading boom 8.70 m (C84.5i) and Stick 5.50 m (D84.15i)



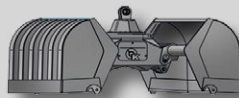
## Attachments



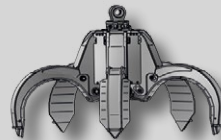
Load hook



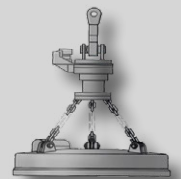
Log grab



Clamshell grab



























Orange peel grab



Load lifting magnet

# LIFTING CAPACITIES 350MH

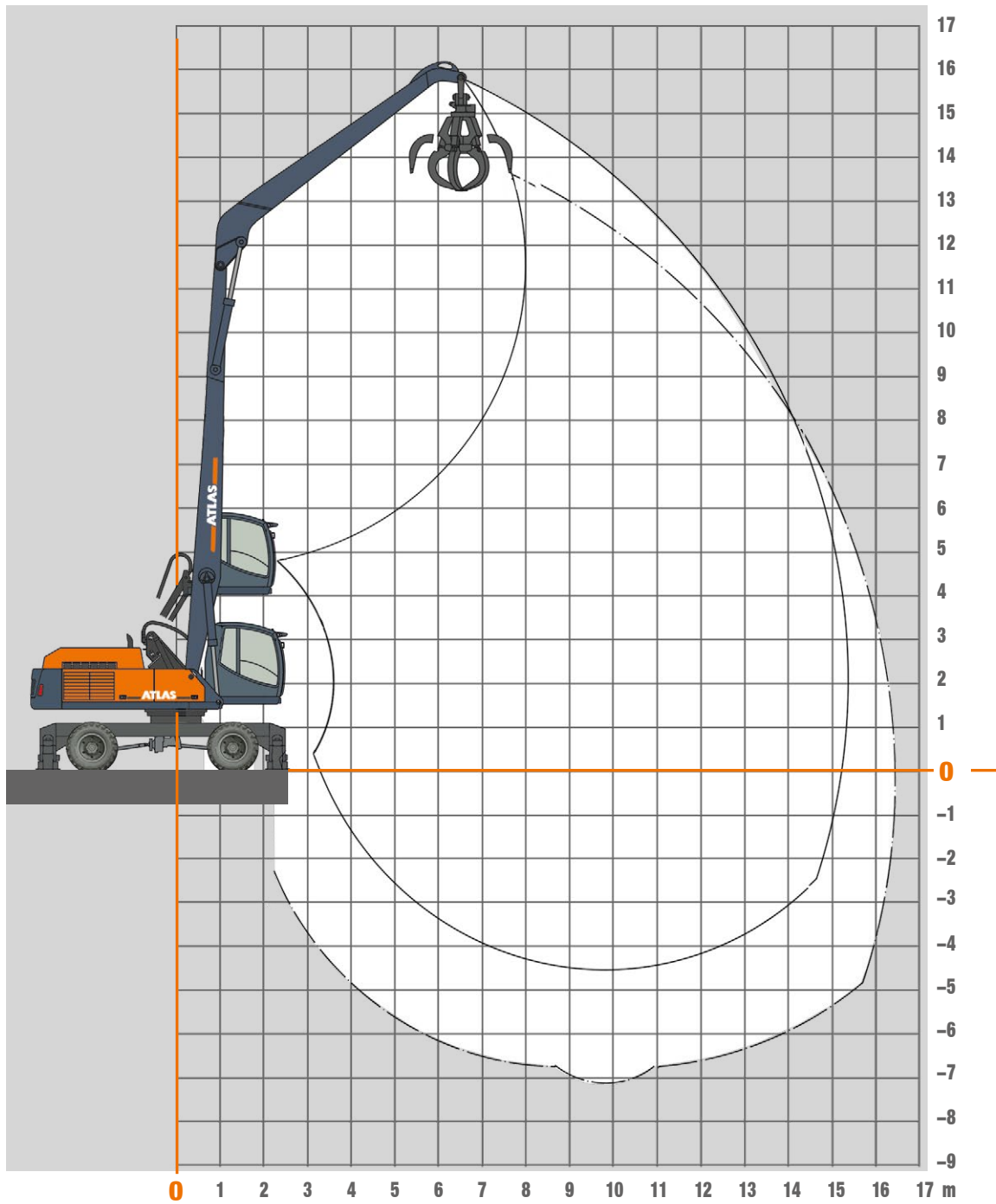
Lifting Capacities, Loading boom 8.70 m (C84.5i) with Stick 5.50 m (D84.15i). Max. reach 14.70 m. Alternative counterweight 7.3 t

HEIGHT	Undercarriage position		4.5 m	5.5 m	6.5 m	7.5 m	8.5 m	9.5 m	10.5 m	11.5 m	12.5 m	13.5 m
+13.5 m	FRONT 	outriggers down			9133							
		outriggers up			9133							
	LATERAL 	outriggers down			9133							
		outriggers up			7252*							
+12.0 m	FRONT 	outriggers down			8781	7979	7350					
		outriggers up			8781	7979	7350					
	LATERAL 	outriggers down			8781	7979	7350					
		outriggers up			7451*	5927*	4809*					
+10.5 m	FRONT 	outriggers down				7905	7259	6723	6266			
		outriggers up				7905	7259	6317*	5321*			
	LATERAL 	outriggers down				7905	7259	6723	6266			
		outriggers up				5973*	4869*	4026*	3353*			
+9.0 m	FRONT 	outriggers down			8888	8023	7326	6747	6250	5808		
		outriggers up			8888	8023	7326	6303*	5339*	4567*		
	LATERAL 	outriggers down			8888	8023	7326	6747	6250	5430*		
		outriggers up			7402*	5910*	4831*	4013*	3370*	2842*		
+7.5 m	FRONT 	outriggers down		10594	9297	8304	7514	6864	6312	5826		
		outriggers up		10594	9297	8304	7426*	6214*	5286*	4548*		
	LATERAL 	outriggers down		10594	9297	8304	7514	6864	6272*	5411*		
		outriggers up		9293*	7178*	5746*	4713*	3933*	3321*	2825*		
+6.0 m	FRONT 	outriggers down	13804	11503	9897	8706	7781	7035	6412	5871	5375	
		outriggers up	13804	11503	9897	8706	7220*	6069*	5185*	4483*	3909*	
	LATERAL 	outriggers down	13804	11503	9897	8706	7781	7035	6169*	5345*	4675*	
		outriggers up	11920*	8767*	6815*	5488*	4528*	3800*	3228*	2765*	2379*	
+4.5 m	FRONT 	outriggers down	15594	12567	10568	9141	8062	7210	6509	5908	5362	
		outriggers up	15594	12567	10486*	8416*	6963*	5886*	5054*	4393*	3852*	
	LATERAL 	outriggers down	15594	12567	10568	9141	8062	7025*	6034*	5252*	4616*	
		outriggers up	10701*	8039*	6340*	5161*	4296*	3632*	3107*	2680*	2325*	
+3.0 m	FRONT 	outriggers down	6722	13352	11074	9465	8262	7320	6550	5892	5297	4701
		outriggers up	6722	12740*	9902*	8025*	6689*	5689*	4913*	4292*	3784*	3364*
	LATERAL 	outriggers down	6722	13352	11074	9465	8036*	6822*	5889*	5148*	4547*	4051*
		outriggers up	6722	7258*	5835*	4815*	4049*	3453*	2976*	2586*	2262*	1990*
+1.5 m	FRONT 	outriggers down	3346	10952	11144	9517	8274	7288	6476	5778	5137	4476
		outriggers up	3346	10952	9417*	7683*	6442*	5509*	4781*	4199*	3723*	3328*
	LATERAL 	outriggers down	3346	10952	11144	9323*	7780*	6636*	5754*	5054*	4485*	4015*
		outriggers up	3346	6667*	5415*	4512*	3826*	3288*	2855*	2500*	2205*	1956*
0 m	FRONT 	outriggers down		9038	10646	9191	8015	7050	6232	5509	4821	
		outriggers up		9038	9124*	7451*	6264*	5375*	4683*	4129*	3677*	
	LATERAL 	outriggers down		9038	10646	9081*	7595*	6498*	5653*	4982*	4438*	
		outriggers up		6385*	5162*	4306*	3666*	3166*	2764*	2435*	2161*	
- 1.5 m	FRONT 	outriggers down		9823	9581	8429	7414	6529	5743	5010	4268	
		outriggers up		9823	8998*	7331*	6162*	5294*	4622*	4088*	3655*	
	LATERAL 	outriggers down		9823	9581	8429	7414	6415*	5591*	4940*	4268	
		outriggers up		6303*	5053*	4200*	3574*	3092*	2709*	2397*	2141*	
- 3.0 m	FRONT 	outriggers down					6417	5659				
		outriggers up					6131*	5268*				
	LATERAL 	outriggers down					6417	5659				
		outriggers up					3546*	3068*				

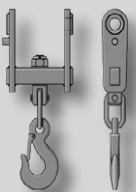
The specified max. loading capacities in kilogrammes (kg) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories (grab, magnet, load hook, etc.) are not included with the load carrying values. \*Value limited due to excavator stability.

# WORKING RANGES 350MH

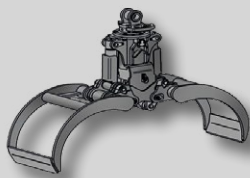
Loading boom 9.45 m (C84.6i) and Stick 6.90 m (D84.16i)



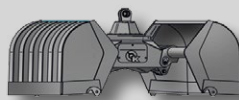
## Attachments



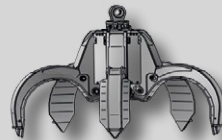
Load hook



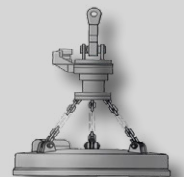
Log grab



Clamshell grab



















Orange peel grab



















Load lifting magnet

# LIFTING CAPACITIES 350MH

**Lifting Capacities, Loading boom 9.45 m (C84.6i) with Stick 6.90 m (D84.16i). Max. reach 16.50 m. Alternative counterweight 7.3 t**

HEIGHT	Undercarriage position		5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m	12.0 m	13.0 m	14.0 m	15.0 m	
+15.0 m	FRONT 	outriggers down				7128								
		outriggers up				7128								
	LATERAL 	outriggers down				7128								
		outriggers up				5385*								
+12.0 m	FRONT 	outriggers down				6774	6245	5801	5420					
		outriggers up				6774	6245	5801	5063*					
	LATERAL 	outriggers down				6774	6245	5801	5420					
		outriggers up				5660*	4632*	3833*	3191*					
+9.0 m	FRONT 	outriggers down				6956	6370	5874	5446	5068	4724			
		outriggers up				6956	6370	5874	5045*	4332*	3744*			
	LATERAL 	outriggers down				6956	6370	5874	5446	5068	4478*			
		outriggers up				5540*	4544*	3780*	3175*	2682*	2269*			
+6.0 m	FRONT 	outriggers down		9778	8529	7569	6804	6177	5648	5191	4784	4408		
		outriggers up		9778	8529	7569	6675*	5631*	4818*	4168*	3634*	3187*		
	LATERAL 	outriggers down		9778	8529	7569	6804	6177	5648	4986*	4366*	3848*		
		outriggers up		7959*	6251*	5057*	4176*	3500*	2964*	2529*	2166*	1859*		
+3.0 m	FRONT 	outriggers down	13914	11319	9545	8252	7263	6477	5830	5281	4799	4357	3925	
		outriggers up	13914	11165*	8835*	7235*	6069*	5179*	4479*	3912*	3444*	3051*	2718*	
	LATERAL 	outriggers down	13914	11319	9545	8252	7263	6235*	5397*	4724*	4171*	3709*	3320*	
		outriggers up	8223*	6440*	5210*	4311*	3625*	3086*	2650*	2290*	1988*	1730*	1510*	
0 m	FRONT 	outriggers down	4462	9653	9570	8264	7234	6399	5702	5103	4568	4064	3547	
		outriggers up	4462	9653	7850*	6511*	5525*	4766*	4164*	3673*	3267*	2925*	2636*	
	LATERAL 	outriggers down	4462	9653	9570	7978*	6745*	5809*	5074*	4480*	3990*	3581*	3235*	
		outriggers up	4462	5273*	4347*	3663*	3132*	2706*	2358*	2067*	1821*	1611*	1432*	
- 3.0 m	FRONT 	outriggers down		9003	8005	7093	6287	5577	4942	4358	3796	3212		
		outriggers up		9003	7503*	6204*	5268*	4557*	3999*	3548*	3178*	2871*		
	LATERAL 	outriggers down		9003	8005	7093	6287	5577	4904*	4351*	3796	3212		
		outriggers up		4969*	4042*	3388*	2898*	2514*	2205*	1950*	1737*	1560*		
- 4.5 m	FRONT 	outriggers down					4771							
	outriggers up						4535*							
LATERAL 	outriggers down						4771							
	outriggers up						2494*							

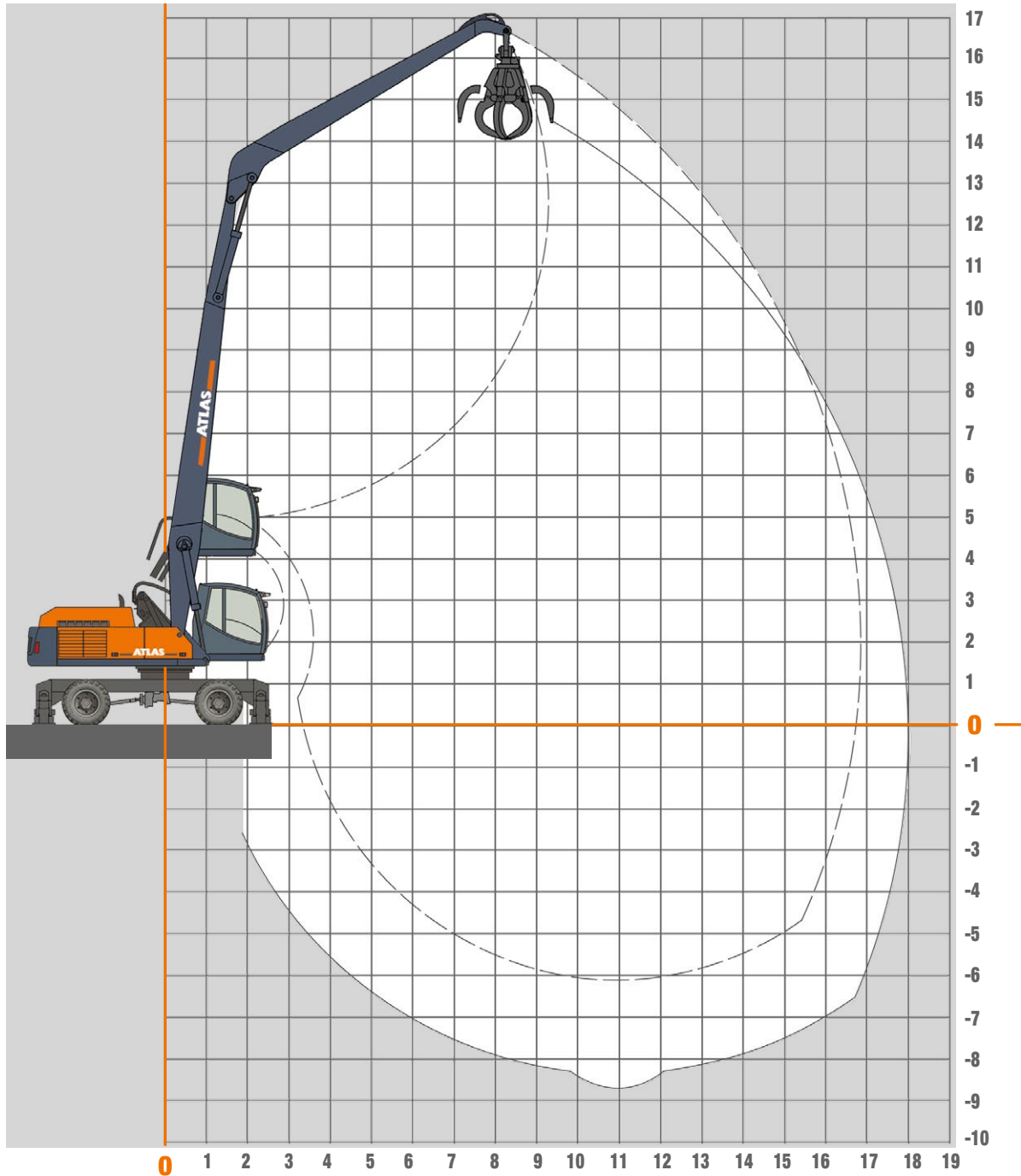
**Lifting Capacities, Loading boom 9.45 m (C84.6i) with Stick 6.90 m (D84.16i). Max. reach 16.50 m. Alternative counterweight 8.2 t**

HEIGHT	Undercarriage position		5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m	12.0 m	13.0 m	14.0 m	15.0 m
+15.0 m	FRONT 	outriggers down				7170							
		outriggers up				7170							
	LATERAL 	outriggers down				7170							
		outriggers up				5850*							
+12.0 m	FRONT 	outriggers down				6809	6285	5846	5468				
		outriggers up				6809	6285	5846	5468				
	LATERAL 	outriggers down				6809	6285	5846	5468				
		outriggers up				6120*	5040*	4202*	3529*				
+9.0 m	FRONT 	outriggers down				6994	6412	5920	5494	5119	4777		
		outriggers up				6994	6412	5920	5459*	4710*	4094*		
	LATERAL 	outriggers down				6994	6412	5920	5494	5119	4777		
		outriggers up				6002*	4955*	4150*	3513*	2994*	2560*		
+6.0 m	FRONT 	outriggers down		9819	8575	7618	6855	6229	5701	5245	4839	4463	
		outriggers up		9819	8575	7618	6855	6095*	5237*	4550*	3986*	3514*	
	LATERAL 	outriggers down		9819	8575	7618	6855	6229	5701	5245	4738*	4193*	
		outriggers up		8605*	6795*	5528*	4594*	3876*	3307*	2844*	2459*	2132*	
+3.0 m	FRONT 	outriggers down	14002	11396	9616	8319	7328	6539	5892	5342	4859	4416	3984
		outriggers up	14002	11396	9567*	7853*	6604*	5653*	4904*	4299*	3800*	3381*	3026*
	LATERAL 	outriggers down	14002	11396	9616	8319	7328	6539	5849*	5134*	4548*	4057*	3644*
		outriggers up	9072*	7117*	5775*	4798*	4054*	3470*	2999*	2610*	2284*	2007*	1770*
0 m	FRONT 	outriggers down	4512	9702	9661	8347	7311	6471	5771	5170	4632	4127	3608
		outriggers up	4512	9702	8602*	7143*	6071*	5248*	4596*	4065*	3626*	3257*	2945*
	LATERAL 	outriggers down	4512	9702	9661	8347	7311	6323*	5533*	4895*	4370*	3932*	3561*
		outriggers up	4512	5974*	4930*	4163*	3571*	3099*	2713*	2392*	2121*	1890*	1693*
- 3.0 m	FRONT 	outriggers down		9116	8105	7183	6370	5655	5015	4428	3863	3276	
		outriggers up		9116	8105	6844*	5820*	5044*	4435*	3943*	3539*	3205*	
	LATERAL 	outriggers down		9116	8105	7183	6370	5655	5015	4428	3863	3276	
		outriggers up		5678*	4633*	3895*	3343*	2911*	2564*	2278*	2040*	1841*	
- 4.5 m	FRONT 	outriggers down					4850						
	outriggers up						4850						
LATERAL 	outriggers down						4850						
	outriggers up						2891*						

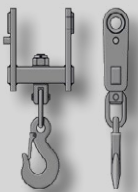
The specified max. loading capacities in kilograms (kg) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories (grab, magnet, load hook, etc.) are not included with the load carrying values. \*Value limited due to excavator stability.

# WORKING RANGES 350MH

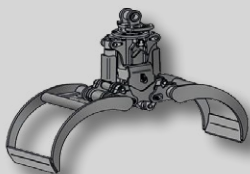
Loading boom 10.60 m (C84.7i) and Stick 7.70 m (D84.17i)



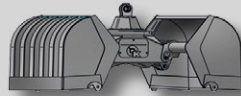
## Attachments



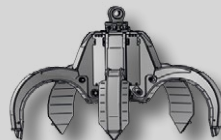
Load hook



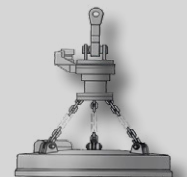
Log grab



Clamshell grab



































Orange peel grab



Load lifting magnet

# LIFTING CAPACITIES 350MH

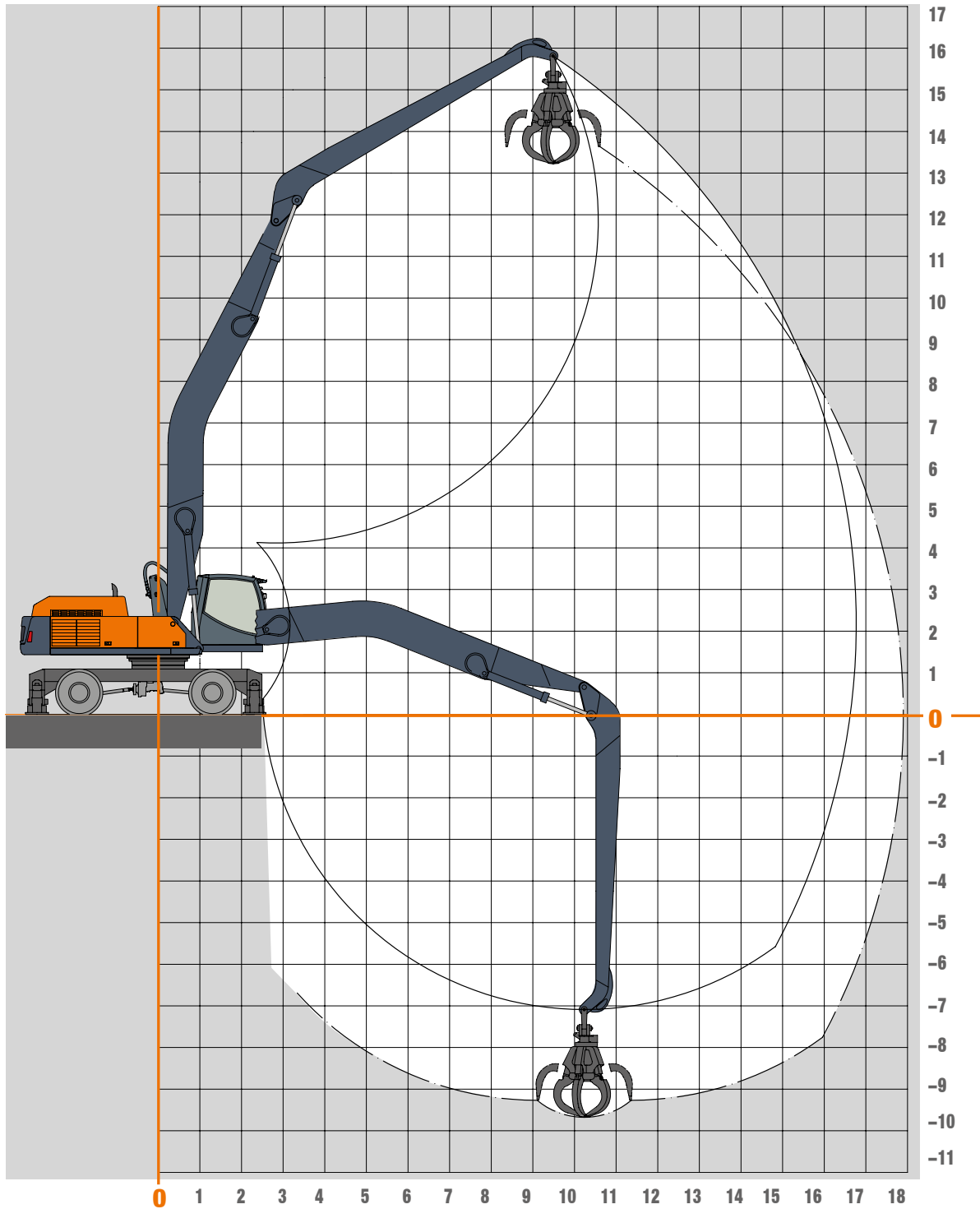
Lifting Capacities, Loading boom 10.60 m (C84.7i) with Stick 7.70 m (D84.17i). Max. reach 18.06 m. Alternative counterweight 8.2 t

HEIGHT	Undercarriage position		5.0 m	6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m	12.0 m	13.0 m	14.0 m	15.0 m	16.0 m	16.5 m
+16.5 m	FRONT 	outriggers down				4420									
		outriggers up				4420									
	LATERAL 	outriggers down				4420									
		outriggers up				4420									
+15.0 m	FRONT 	outriggers down					4816	4468							
		outriggers up					4816	4468							
	LATERAL 	outriggers down					4816	4468							
		outriggers up					4816	4087*							
+13.5 m	FRONT 	outriggers down						4424	4118	3848					
		outriggers up						4424	4118	3848					
	LATERAL 	outriggers down						4424	4118	3848					
		outriggers up						4220*	3513*	2912*					
+12.0 m	FRONT 	outriggers down						4413	4119	3844	3595				
		outriggers up						4413	4119	3844	3595				
	LATERAL 	outriggers down						4413	4119	3844	3595				
		outriggers up						4207*	3550*	2969*	2469*				
+10.5 m	FRONT 	outriggers down						4484	4161	3853	3621	3383			
		outriggers up						4484	4161	3853	3621	3383			
	LATERAL 	outriggers down						4484	4161	3853	3621	3383			
		outriggers up						4185*	3512*	2916*	2489*	2072*			
+9.0 m	FRONT 	outriggers down						4589	4220	3932	3661	3412	3201		
		outriggers up						4589	4220	3932	3661	3412	3078*		
	LATERAL 	outriggers down						4589	4220	3,932	3661	3412	3201		
		outriggers up						4066*	3384*	2890*	2445*	2053*	1741*		
+7.5 m	FRONT 	outriggers down					5179	4715	4320	3999	3708	3440	3221		
		outriggers up					5179	4715	4320	3999	3708	3430*	3026*		
	LATERAL 	outriggers down					5179	4715	4320	3999	3708	3440	3221		
		outriggers up					4629*	3852*	3232*	2746*	2339*	1978*	1694*		
+6.0 m	FRONT 	outriggers down		7988	6884	6086	5430	4918	4454	4105	3784	3504	3237	3020	
		outriggers up		7988	6884	6086	5430	4918	4454	4105	3784	3371*	2943*	2617*	
	LATERAL 	outriggers down		7988	6884	6086	5430	4918	4454	4105	3784	3504	3237	3020	
		outriggers up		7988	6524*	5297*	4355*	3648*	3058*	2617*	2241*	1914*	1620*	1393*	
+4.5 m	FRONT 	outriggers down	10648	8734	7419	6391	5680	5083	4611	4204	3831	3621	3271	3018	2891
		outriggers up	10648	8734	7419	6391	5680	5083	4611	4204	3674*	3447*	2878*	2545*	2392*
	LATERAL 	outriggers down	10648	8734	7419	6391	5680	5083	4611	4204	3831	3621	3271	3018	2853*
		outriggers up	9751*	7426*	5927*	4779*	3999*	3376*	2869*	2454*	2082*	1852*	1553*	1327*	1222*
+3.0 m	FRONT 	outriggers down	11564	9262	7764	6673	5849	5216	4713	4251	3902	3576	3277	3005	2873
		outriggers up	11564	9262	7764	6673	5849	5216	4631*	4012*	3558*	3145*	2783*	2475*	2335*
	LATERAL 	outriggers down	11564	9262	7764	6673	5849	5216	4713	4251	3902	3576	3277	2955*	2796*
		outriggers up	7984*	6330*	5115*	4264*	3584*	3047*	2631*	2249*	1963*	1699*	1464*	1262*	1167*
+1.5 m	FRONT 	outriggers down	11727	9619	8059	6894	6014	5339	4767	4308	3914	3570	3253	2961	2823
		outriggers up	11727	9619	8059	6894	5871*	5057*	4379*	3856*	3399*	3022*	2689*	2400*	2275*
	LATERAL 	outriggers down	11727	9619	8059	6894	6014	5339	4767	4308	3914	3570	3208*	2878*	2735*
		outriggers up	6539*	5410*	4506*	3793*	3242*	2790*	2401*	2095*	1816*	1584*	1376*	1191*	1112*
0 m	FRONT 	outriggers down	11286	9456	8024	6856	6,038	5339	4746	4279	3861	3516	3203	2894	2744
		outriggers up	11286	9456	7774*	6430*	5524*	4775*	4154*	3666*	3264*	2904*	2613*	2349*	2232*
	LATERAL 	outriggers down	11286	9456	8024	6856	6038	5339	4746	4279	3869	3470*	3132*	2827*	2693*
		outriggers up	5795*	4743*	3990*	3374*	2924*	2535*	2200*	1923*	1732*	1477*	1302*	1139*	1068*
-1.5 m	FRONT 	outriggers down	10463	8936	7713	6740	5871	5231	4675	4199	3758	3417	3084	2752	2579
		outriggers up	10463	8936	7380*	6189*	5228*	4559*	4000*	3538*	3126*	2820*	2560*	2300*	2187*
	LATERAL 	outriggers down	10463	8936	7713	6740	5871	5231	4675	4199	3745*	3385*	3084	2752	2579
		outriggers up	5537*	4391*	3660*	3132*	2671*	2338*	2049*	1799*	1569*	1397*	1244*	1092*	1026*
-3.0 m	FRONT 	outriggers down	9343	8172	7154	6343	5636	4978	4448	4013	3600	3235	2885	2537	
		outriggers up	9343	8172	7119*	5967*	5108*	4396*	3857*	3441*	3067*	2758*	2499*	2271*	
	LATERAL 	outriggers down	9343	8172	7154	6343	5636	4978	4448	4013	3600	3235	2885	2537	
		outriggers up	5473*	4264*	3466*	2951*	2548*	2198*	1925*	1707*	1507*	1338*	1193*	1065*	
-4.5 m	FRONT 	outriggers down				6492	5826	5161	4601	4143	3698	3300	2921	2550	
		outriggers up				6492	5746*	5001*	4304*	3814*	3378*	3023*	2715*	2472*	
	LATERAL 	outriggers down				6492	5826	5161	4601	4143	3698	3300	2921	2550	
		outriggers up				3458*	2960*	2460*	2121*	1875*	1651*	1465*	1301*	1170*	
-6.0 m	FRONT 	outriggers down							4032	3632	3227				
		outriggers up							4032	3632	3227				
	LATERAL 	outriggers down							4032	3632	3227				
		outriggers up							2112*	1846*	1631*				

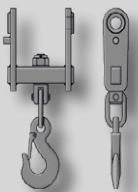
The specified max. loading capacities in kilogrammes (kg) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories (grab, magnet, load hook, etc.) are not included with the load carrying values. \*Value limited due to excavator stability.

# WORKING RANGES 350MH

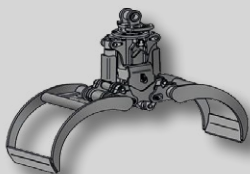
Boom 10.00 m (C85.7iB) and Stick 7.74 m (D84.17i)



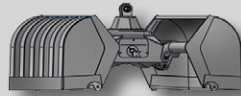
## Attachments



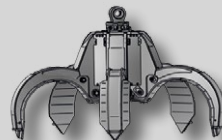
Load hook



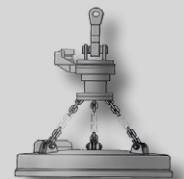
Log grab



Clamshell grab



Orange peel grab

































Load lifting magnet



# LIFTING CAPACITIES 350MH

Boom 10.00 m (C85.7iB) and Stick 7.74 m (D84.17i). Max. reach 17.85 m. Alternative counterweight 8.2 t

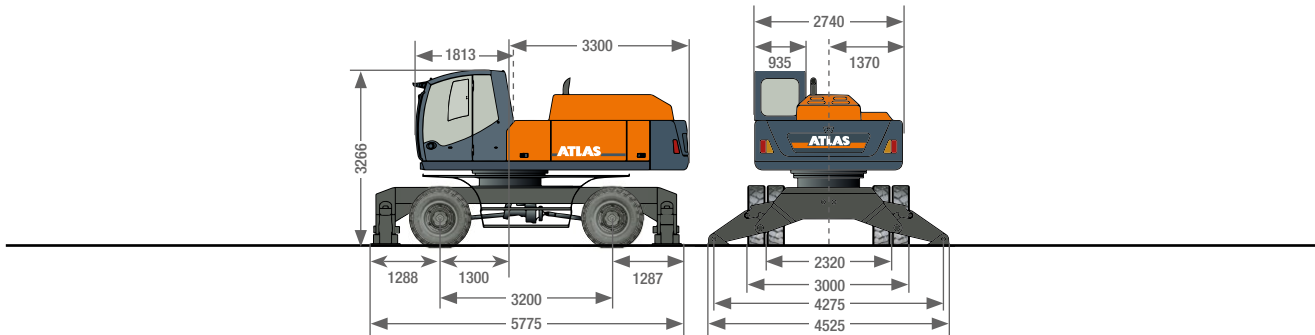
HEIGHT	Undercarriage position		6.0 m	7.0 m	8.0 m	9.0 m	10.0 m	11.0 m	12.0 m	13.0 m	14.0 m	15.0 m	16.0 m
+15.0 m	FRONT 	outriggers down					2628						
		outriggers up					2628						
	LATERAL 	outriggers down					2628						
		outriggers up					2628						
+13.5 m	FRONT 	outriggers down						2672	2327				
		outriggers up						2672	2327				
	LATERAL 	outriggers down						2672	2327				
		outriggers up						2672	2327				
+12.0 m	FRONT 	outriggers down						2942	2706	2356			
		outriggers up						2942	2706	2356			
	LATERAL 	outriggers down						2942	2706	2356			
		outriggers up						2942	2706	2356			
+10.5 m	FRONT 	outriggers down						3179	3004	2732	2334		
		outriggers up						3179	3004	2732	2334		
	LATERAL 	outriggers down						3179	3004	2732	2334		
		outriggers up						3179	3004	-2621*	-2207*		
+9.0 m	FRONT 	outriggers down						3452	3310	3071	2723	2230	
		outriggers up						3452	3310	3071	2723	2230	
	LATERAL 	outriggers down						3452	3310	3071	2723	2230	
		outriggers up						3452	-3050*	-2588*	-2195*	1853*	
+7.5 m	FRONT 	outriggers down					3869	3832	3689	3445	3097	2628	
		outriggers up					3869	3832	3689	3445	3097	2628	
	LATERAL 	outriggers down					3869	3832	3689	3445	3097	2628	
		outriggers up					3869	3482*	2954*	2516*	2146*	1826*	
+6.0 m	FRONT 	outriggers down			4246	4449	4497	4411	4210	3907	3508	3006	2366
		outriggers up			4246	4449	4497	4411	4210	3907	3475*	3006	2366
	LATERAL 	outriggers down			4246	4449	4497	4411	4210	3907	3508	3006	2366
		outriggers up			4246	4449	3919*	3313*	2822*	2414*	2070*	1773*	1512*
+4.5 m	FRONT 	outriggers down	5240	5673	5837	5804	5364	4897	4505	4167	3871	3401	2702
		outriggers up	5240	5673	5837	5804	5364	4897	4389*	3837*	3374*	2980*	2639*
	LATERAL 	outriggers down	5240	5673	5837	5804	5364	4897	4505	4167	3871	3401	2702
		outriggers up	5240	5673	5234*	4346*	3659*	3111*	2664*	2291*	1975*	1703*	1464*
+3.0 m	FRONT 	outriggers down	9678	8167	7075	6247	5595	5066	4627	4252	3924	3630	3006
		outriggers up	9678	8167	7075	6247	5591*	4825*	4206*	3694*	3264*	2896*	2578*
	LATERAL 	outriggers down	9678	8167	7075	6247	5595	5066	4627	4252	3924	3520*	3006
		outriggers up	7110*	5738*	4737*	3976*	3376*	2892*	2493*	2157*	1871*	1623*	1406*
+1.5 m	FRONT 	outriggers down	3840	8632	7415	6497	5778	5198	4717	4309	3952	3631	3263
		outriggers up	3840	8632	7306*	6168*	5290*	4592*	4024*	3552*	3153*	2812*	2516*
	LATERAL 	outriggers down	3840	8632	7415	6497	5778	5198	4717	4304*	3834*	3434*	3088*
		outriggers up	3840	5086*	4260*	3616*	3100*	2676*	2323*	2023*	1766*	1543*	1347*
0 m	FRONT 	outriggers down	1737	4870	7590	6632	5876	5263	4754	4319	3937	3589	3255
		outriggers up	1737	4870	6862*	5826*	5024*	4383*	3859*	3422*	3051*	2734*	2462*
	LATERAL 	outriggers down	1737	4870	7590	6632	5876	5263	4695*	4171*	3730*	3355*	3033*
		outriggers up	1737	4572*	3863*	3306*	2855*	2482*	2169*	1901*	1670*	1469*	1296*
-1.5 m	FRONT 	outriggers down	1510	3300	7457	6615	5857	5235	4711	4259	3858	3486	3114
		outriggers up	1510	3300	6539*	5565*	4813*	4213*	3723*	3313*	2969*	2674*	2422*
	LATERAL 	outriggers down	1510	3300	7457	6615	5857	5152*	4555*	4061*	3646*	3294*	2993*
		outriggers up	1510	3300	3575*	3069*	2661*	2325*	2041*	1799*	1592*	1413*	1258*
-3.0 m	FRONT 	outriggers down	1692	3052	5734	6427	5701	5091	4569	4109	3690	3287	
		outriggers up	1692	3052	5734	5395*	4670*	4095*	3628*	3240*	2914*	2637*	
	LATERAL 	outriggers down	1692	3052	5734	6427	5701	5031*	4458*	3986*	3590*	3256*	
		outriggers up	1692	3052	3401*	2915*	2530*	2215*	1953*	1730*	1540*	1377*	
-4.5 m	FRONT 	outriggers down	2034	3224	5432	6046	5377	4800	4291	3829	3390	2940	
		outriggers up	2034	3224	5432	5310*	4593*	4030*	3576*	3201*	2889*	2629*	
	LATERAL 	outriggers down	2034	3224	5432	6046	5377	4800	4291	3829	3390	2940	
		outriggers up	2034	3224	3322*	2837*	2459*	2155*	1904*	1694*	1517*	1369*	
-6.0 m	FRONT 	outriggers down		3619	5739	5437	4849	4321	3833	3367	2891		
		outriggers up		3619	5739	5295*	4576*	4016*	3568*	3203*	2891		
	LATERAL 	outriggers down		3619	5739	5437	4849	4321	3833	3367	2891		
		outriggers up		3619	3318*	2824*	2444*	2142*	1897*	1695*	1530*		

The specified max. loading capacities in kilogrammes (kg) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories (grab, magnet, load hook, etc.) are not included with the load carrying values. \*Value limited due to excavator stability.

# DIMENSIONS 350MH

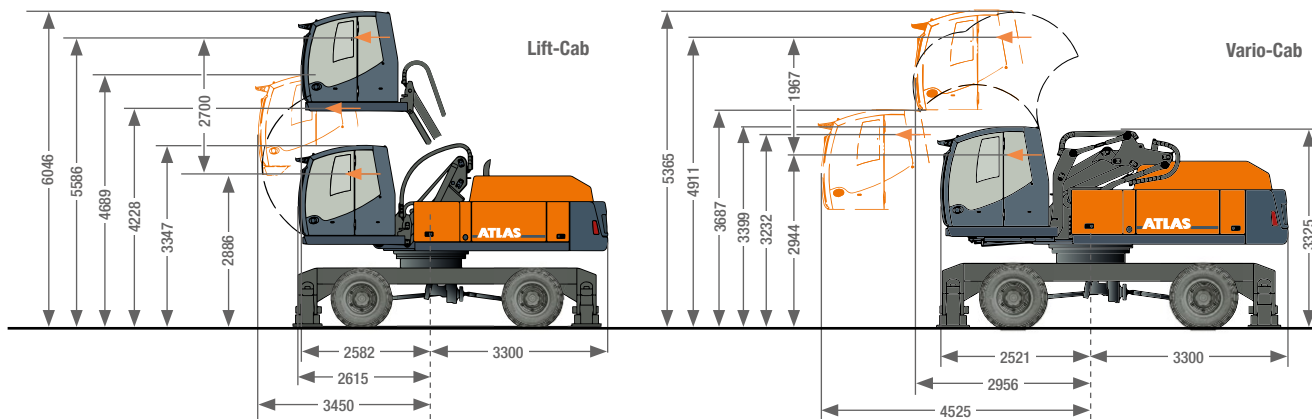
## 350MH Transport position

Standard-Cab

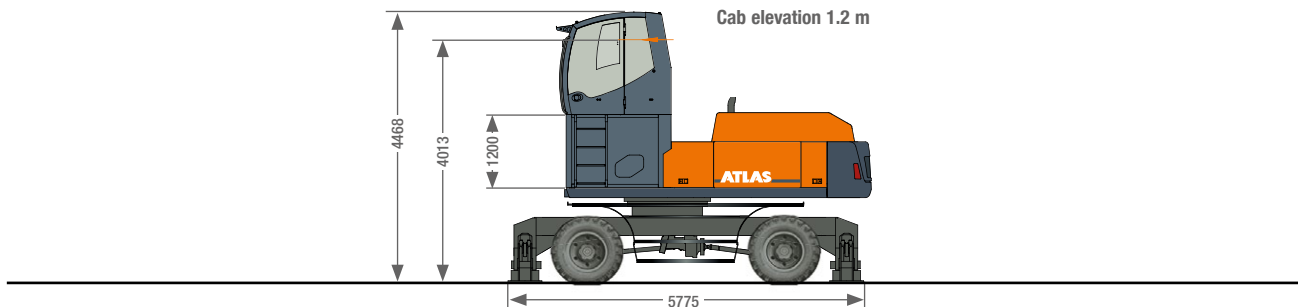


Lift-Cab

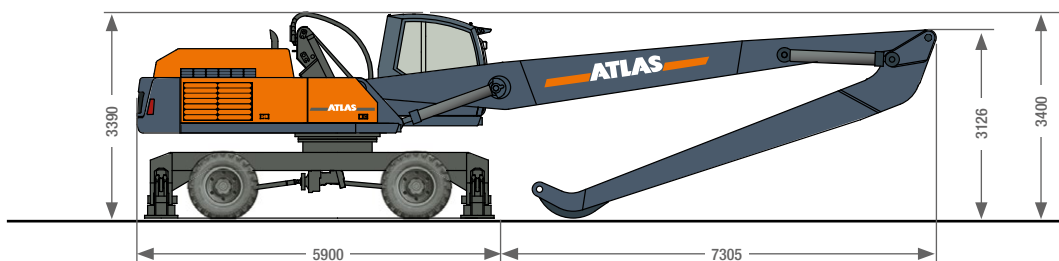
Vario-Cab



Cab elevation 1.2 m



Further cabin versions on demand.



A84.32, C84.6I, D84.16I



350MH-EN (1) Effective date: 11/2022. 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 or 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. Copyright © 2022 Atlas GmbH. Ref. no. 6209992

### 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](mailto:info@atlasgmbh.com)  
[www.atlasgmbh.com](http://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](mailto:info@atlasgmbh.com)  
[www.atlasgmbh.com](http://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](mailto:info@atlasgmbh.com)  
[www.atlasgmbh.com](http://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](mailto:atlasuk@atlasgmbh.com)  
[www.atlas-cranes.co.uk](http://www.atlas-cranes.co.uk)  
[www.atlasgmbh.com](http://www.atlasgmbh.com)



**SINCE 1919**  
**ATLAS**

