



100
ATLAS 1919 - 2019

ATLAS
SINCE 1919

 73,414 – 83,776 lbs

 245 HP

EU Stage V

 44' 3" – 59' 8"

**STABLE.
STRONG.
STEADY.**



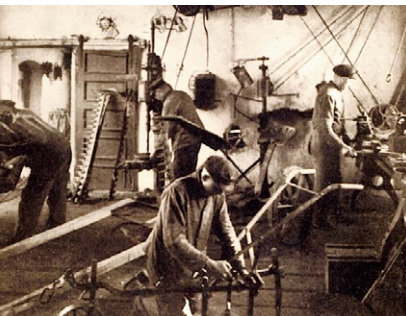
**MATERIAL HANDLING
MACHINE 350MH**

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

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.....245 HP	Bore / cylinder stroke 101 / 126	STANDARD BASIC EQUIPMENT:
RPM 1800 rpm	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 372 in ³	Generator28 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 166.4 gpm	F3 (Power)
• Primary and secondary protection against overload	• Max. operating pressure 4,641 PSI	• 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 76,249 lbf-ft
• Planetary transmission	• Two, two-stage valves	• Max. swing speed 8.5 rpm

TRACTION DRIVE AND BRAKES

• Variable displacement motor	• Automotive traveling and cruise control:	• Tractive force..... 24,729 lbf
• Manual gearbox	• Max. speed 10 mph	• Gradeability 33 %
• Double-acting brake valve	• Off-road speed 3.1 mph	• Dual-circuit brake system Drum brake
• Travel direction pre-selection via switch in joystick	• Crawling speed..... 0.6 mph	• Parking brakeSpring-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"> • 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 73 dB(A) • 2000/14 EG (L_wA) ambience level 104 dB(A)

ADDITIONAL EQUIPMENT

<ul style="list-style-type: none"> • Beacon light • Gear protection • Cabin Sliding door • Cab protection guard • Cab elevation • Joystick steering • 270° camera system • LED working lights 	<ul style="list-style-type: none"> • 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 • Premium Driver seat (Actimo Evolution) 	<ul style="list-style-type: none"> • Electric cooling box • Radio with USB • GPS/GSM telemetric system for monitoring of operating data, consumption, position • Biodegradable oil • Refueling pump
		Other additional equipment: See price list Special options: upon request

FILL CAPACITIES

• Fuel tank 112.3 gal	• Engine oil..... 4.0 gal	• Hydraulic system..... 256.2 gal
• Cooling system..... 12.7 gal	• Hydraulic tank 133.4 gal	• Ad Blue® 8.45 gal

OPERATING WEIGHTS

	MONOBLOCK BOOM 31' (C84.6i)	MONOBLOCK BOOM 34' 8" (C84.7i)
	Stick 22' 6" (D84.16i)	Stick 25' 4" (D84.17i)
Support dozer blade		
SDB / outriggers		
4 support outriggers	79,587 lbs	82,453 lbs

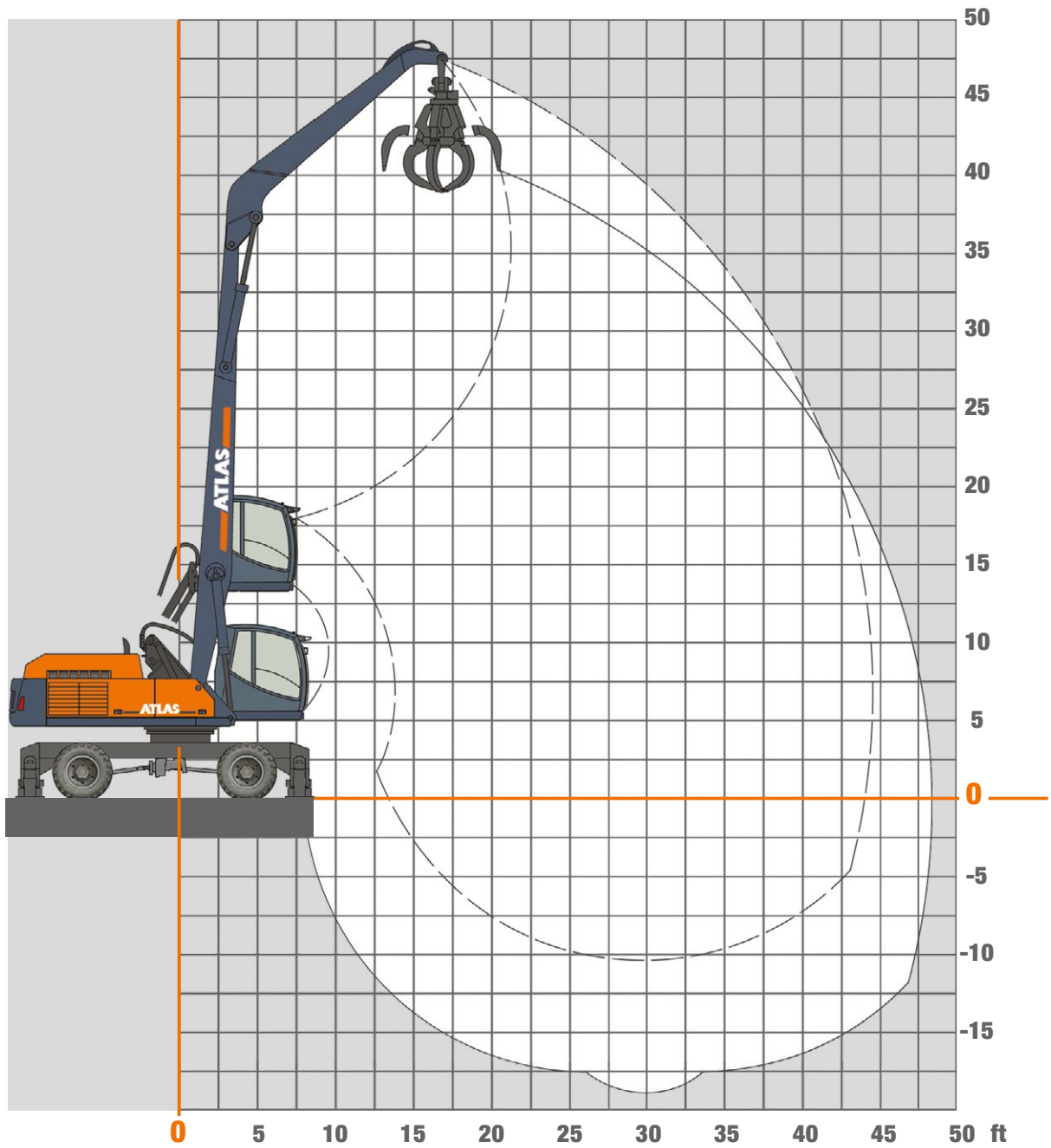
Operating weight incl. driver, fuel, lubricants and coolant plus 2205 lbs for attachments

ATTACHMENTS

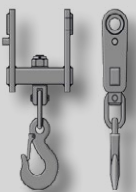
<ul style="list-style-type: none"> • Clamshell grab • Orange peel grab 	<ul style="list-style-type: none"> • Load hook • Load lifting magnet 	<ul style="list-style-type: none"> • Log grab • Sorting grab
--	--	--

WORKING RANGES 350MH

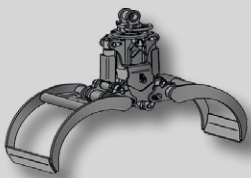
Loading boom 28' 6" (C84.5i) and Stick 18' 1" (D84.15i)



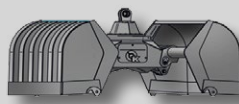
Attachments



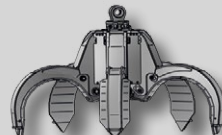
Load hook



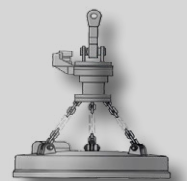
Log grab



Clamshell grab



























Orange peel grab



Load lifting magnet

LIFTING CAPACITIES 350MH

Lifting Capacities, Loading boom 28' 6" (C84.5i) with Stick 18' 1" (D84.15i). Max. reach 48' 3". Alternative counterweight 16094 lbs

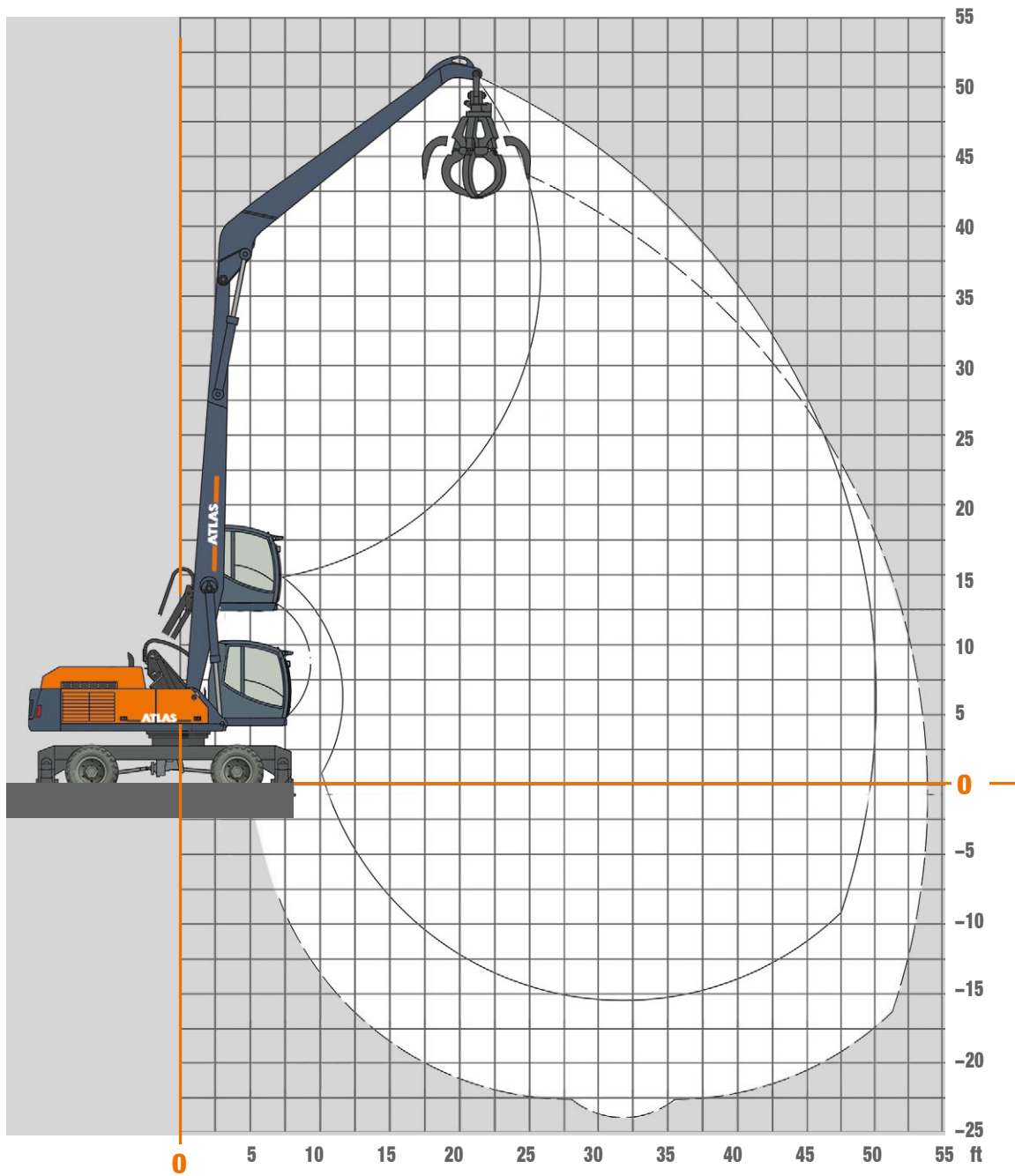
HEIGHT	Undercarriage position		14' 9"	18' 1"	21' 4"	24' 7"	27' 1"	31' 2"	34' 5"	37' 9"	41' 0"	44' 3"
44' 3"	FRONT 	outriggers down			20 135							
		outriggers up			20 135							
	LATERAL 	outriggers down			20 135							
		outriggers up			15 988 *							
39' 4"	FRONT 	outriggers down			19 359	17 591	16 204					
		outriggers up			19 359	17 591	16 204					
	LATERAL 	outriggers down			19 359	17 591	16 204					
		outriggers up			16 426 *	13 067 *	10 602 *					
34' 5"	FRONT 	outriggers down				17 427	16 003	14 822	13 814			
		outriggers up				17 427	16 003	13 926 *	11 731 *			
	LATERAL 	outriggers down				17 427	16 003	14 822	13 814			
		outriggers up				13 168 *	10 734 *	8 876 *	7 392 *			
29' 6"	FRONT 	outriggers down			19 594	17 688	16 151	14 874	13 779	12 804		
		outriggers up			19 594	17 688	16 151	13 896 *	11 770 *	10 068 *		
	LATERAL 	outriggers down			19 594	17 688	16 151	14 874	13 779	11 971 *		
		outriggers up			16 318 *	13 029 *	10 650 *	8 847 *	7 430 *	6 265 *		
24' 7"	FRONT 	outriggers down		23 356	20 496	18 307	16 565	15 132	13 915	12 844		
		outriggers up		23 356	20 496	18 307	16 371 *	13 699 *	11 654 *	10 027 *		
	LATERAL 	outriggers down		23 356	20 496	18 307	16 565	15 132	13 827 *	11 929 *		
		outriggers up		20 487 *	15 825 *	12 668 *	10 390 *	8 671 *	7 321 *	6 228 *		
19' 8"	FRONT 	outriggers down	30 432	25 360	21 819	19 193	17 154	15 509	14 136	12 943	11 850	
		outriggers up	30 432	25 360	21 819	19 193	15 917 *	13 380 *	11 431 *	9 883 *	8 618 *	
	LATERAL 	outriggers down	30 432	25 360	21 819	19 193	17 154	15 509	13 600 *	11 784 *	10 307 *	
		outriggers up	26 279 *	19 328 *	15 024 *	12 099 *	9 982 *	8 377 *	7 116 *	6 096 *	5 245 *	
14' 9"	FRONT 	outriggers down	34 379	27 705	23 298	20 152	17 773	15 895	14 350	13 025	11 821	
		outriggers up	34 379	27 705	23 117 *	18 554 *	15 351 *	12 976 *	11 142 *	9 685 *	8 492 *	
	LATERAL 	outriggers down	34 379	27 705	23 298	20 152	17 773	15 487 *	13 303 *	11 579 *	10 176 *	
		outriggers up	23 591 *	17 723 *	13 977 *	11 378 *	9 471 *	8 007 *	6 850 *	5 908 *	5 126 *	
9' 10"	FRONT 	outriggers down	14 819	29 436	24 414	20 867	18 214	16 138	14 440	12 990	11 678	10 364
		outriggers up	14 819	28 087 *	21 830 *	17 692 *	14 747 *	12 542 *	10 831 *	9 462 *	8 342 *	7 416 *
	LATERAL 	outriggers down	14 819	29 436	24 414	20 867	17 716 *	15 040 *	12 983 *	11 349 *	10 024 *	8 931 *
		outriggers up	14 819	16 001 *	12 864 *	10 615 *	8 926 *	7 612 *	6 561 *	5 701 *	4 987 *	4 387 *
4' 11"	FRONT 	outriggers down	7 377	24 145	24 568	20 981	18 241	16 067	14 277	12 738	11 325	9 868
		outriggers up	7 377	24 145	20 761 *	16 938 *	14 202 *	12 145 *	10 540 *	9 257 *	8 208 *	7 337 *
	LATERAL 	outriggers down	7 377	24 145	24 568	20 553 *	17 152 *	14 630 *	12 685 *	11 142 *	9 888 *	8 851 *
		outriggers up	7 377	14 698 *	11 938 *	9 947 *	8 435 *	7 249 *	6 294 *	5 512 *	4 861 *	4 312 *
0	FRONT 	outriggers down		19 925	23 470	20 262	17 670	15 542	13 739	12 145	10 628	
		outriggers up		19 925	20 115 *	16 426 *	13 810 *	11 850 *	10 324 *	9 103 *	8 106 *	
	LATERAL 	outriggers down		19 925	23 470	20 020 *	16 744 *	14 325 *	12 463 *	10 983 *	9 784 *	
		outriggers up		14 076 *	11 380 *	9 493 *	8 082 *	6 980 *	6 094 *	5 368 *	4 764 *	
- 4' 11"	FRONT 	outriggers down		21 656	21 122	18 583	16 345	14 394	12 661	11 045	9 409	
		outriggers up		21 656	19 837 *	16 162 *	13 585 *	11 671 *	10 190 *	9 012 *	8 058 *	
	LATERAL 	outriggers down		21 656	21 122	18 583	16 345	14 143 *	12 326 *	10 891 *	9 409	
		outriggers up		13 896 *	11 140 *	9 259 *	7 879 *	6 817 *	5 972 *	5 284 *	4 720 *	
- 9' 10"	FRONT 	outriggers down					14 147	12 476				
		outriggers up					13 516 *	11 614 *				
	LATERAL 	outriggers down					14 147	12 476				
		outriggers up					7 818 *	6 764 *				

The specified max. loading capacities in pounds (lbs) 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.

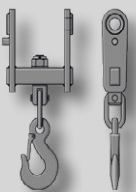
*Value limited due to excavator stability.

WORKING RANGES 350MH

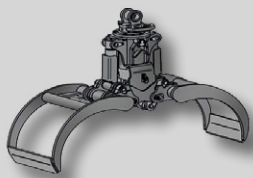
Loading boom 31' (C84.6i) and Stick 22' 8" (D84.16i)



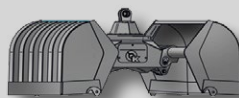
Attachments



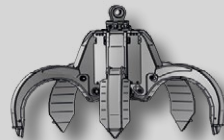
Load hook



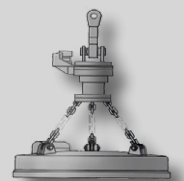
Log grab



Clamshell grab



















Orange peel grab



















Load lifting magnet

LIFTING CAPACITIES 350MH

Lifting Capacities, Loading boom 31' (C84.6i) with Stick 22' 8" (D84.16i). Max. reach 54' 2". Alternative counterweight 16094 lbs

HEIGHT	Undercarriage position		16' 5"	19' 8"	22' 1"	26' 3"	29' 6"	32' 9"	36' 1"	39' 4"	42' 8"	45' 1"	49' 3"
49' 3"	FRONT 	outriggers down				15 714							
		outriggers up				15 714							
39' 4"	LATERAL 	outriggers down				15 714							
		outriggers up				11 872 *							
29' 6"	FRONT 	outriggers down				14 934	13 768	12 789	11 949				
		outriggers up				14 934	13 768	12 789	11 949				
19' 8"	LATERAL 	outriggers down				14 934	13 768	12 789	11 949				
		outriggers up				12 478 *	10 212 *	8 450 *	7 035 *				
9' 1"	FRONT 	outriggers down				15 335	14 043	12 950	12 006	11 173	10 415		
		outriggers up				15 335	14 043	12 950	11 122 *	9 550 *	8 254 *		
0 m	LATERAL 	outriggers down				15 335	14 043	12 950	12 006	11 173	9 872 *		
		outriggers up				12 213 *	10 018 *	8 333 *	7 000 *	5 913 *	5 002 *		
- 9' 1"	FRONT 	outriggers down		21 557	18 803	16 687	15 000	13 618	12 452	11 444	10 547	9 718	
		outriggers up		21 557	18 803	16 687	14 716 *	12 414 *	10 622 *	9 189 *	8 012 *	7 026 *	
- 14' 9"	LATERAL 	outriggers down		21 557	18 803	16 687	15 000	13 618	12 452	10 992 *	9 625 *	8 483 *	
		outriggers up		17 546 *	13 781 *	11 149 *	9 206 *	7 716 *	6 534 *	5 575 *	4 775 *	4 098 *	
9' 1"	FRONT 	outriggers down	30 675	24 954	21 043	18 192	16 012	14 279	12 853	11 642	10 580	9 605	8 653
		outriggers up	30 675	24 614 *	19 478 *	15 950 *	13 380 *	11 418 *	9 874 *	8 624 *	7 593 *	6 726 *	5 992 *
0 m	LATERAL 	outriggers down	30 675	24 954	21 043	18 192	16 012	13 746 *	11 898 *	10 415 *	9 195 *	8 177 *	7 319 *
		outriggers up	18 128 *	14 198 *	11 486 *	9 504 *	7 992 *	6 803 *	5 842 *	5 049 *	4 383 *	3 814 *	3 329 *
0 m	FRONT 	outriggers down	9 837	21 281	21 098	18 219	15 948	14 107	12 571	11 250	10 071	8 959	7 820
		outriggers up	9 837	21 281	17 306 *	14 354 *	12 180 *	10 507 *	9 180 *	8 097 *	7 202 *	6 448 *	5 811 *
- 9' 1"	LATERAL 	outriggers down	9 837	21 281	21 098	17 588 *	14 870 *	12 807 *	11 186 *	9 877 *	8 796 *	7 895 *	7 132 *
		outriggers up	9 837	11 625 *	9 583 *	8 075 *	6 905 *	5 966 *	5 190 *	4 557 *	4 015 *	3 552 *	3 157 *
- 14' 9"	FRONT 	outriggers down		19 848	17 648	15 637	13 860	12 295	10 895	9 608	8 369	7 081	
		outriggers up		19 848	16 541 *	13 677 *	11 614 *	10 046 *	8 816 *	7 822 *	7 006 *	6 329 *	
- 14' 9"	LATERAL 	outriggers down		19 848	17 648	15 637	13 860	12 295	10 811 *	9 592 *	8 369	7 081	
		outriggers up		10 955 *	8 911 *	7 469 *	6 389 *	5 542 *	4 861 *	4 299 *	3 829 *	3 439 *	
- 14' 9"	FRONT 	outriggers down						10 518					
		outriggers up						9 998 *					
- 14' 9"	LATERAL 	outriggers down						10 518					
		outriggers up						5 498 *					

Lifting Capacities, Loading boom 31' (C84.6i) with Stick 22' 8" (D84.16i). Max. reach 54' 1". Alternative counterweight 18078 lbs

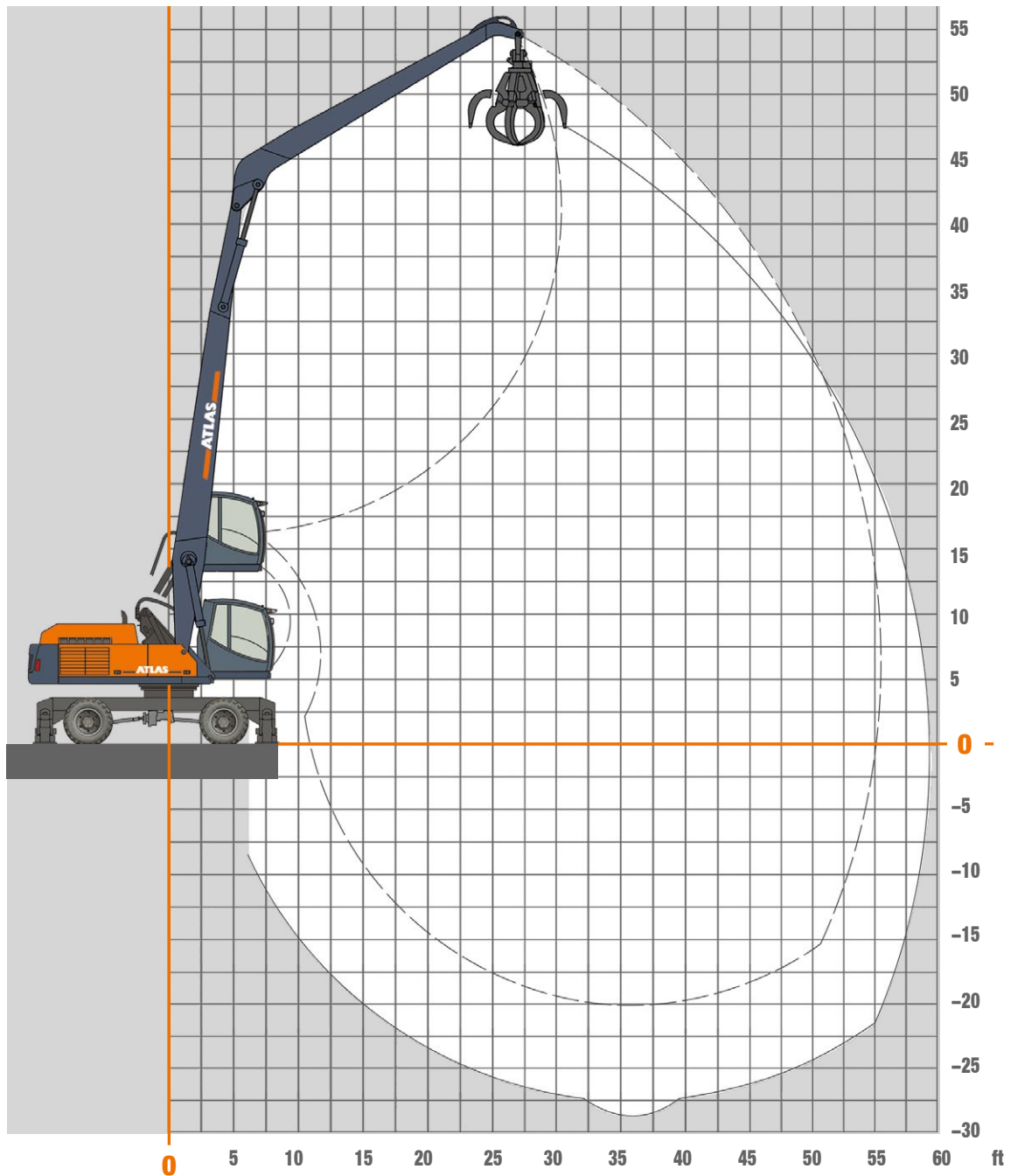
HEIGHT	Undercarriage position		16' 5"	19' 8"	22' 1"	26' 3"	29' 6"	32' 9"	36' 1"	39' 4"	42' 8"	45' 1"	49' 3"
49' 3"	FRONT 	outriggers down				15 807							
		outriggers up				15 807							
39' 4"	LATERAL 	outriggers down				15 807							
		outriggers up				12 897 *							
29' 6"	FRONT 	outriggers down				15 011	13 856	12 888	12 055				
		outriggers up				15 011	13 856	12 888	12 055				
19' 8"	LATERAL 	outriggers down				15 011	13 856	12 888	12 055				
		outriggers up				13 492 *	11 111 *	9 264 *	7 780 *				
9' 1"	FRONT 	outriggers down				15 419	14 136	13 051	12 112	11 285	10 531		
		outriggers up				15 419	14 136	13 051	12 035 *	10 384 *	9 026 *		
0 m	LATERAL 	outriggers down				15 419	14 136	13 051	12 112	11 285	10 531		
		outriggers up				13 232 *	10 924 *	9 149 *	7 745 *	6 601 *	5 644 *		
- 9' 1"	FRONT 	outriggers down		21 647	18 904	16 795	15 113	13 732	12 568	11 563	10 668	9 839	
		outriggers up		21 647	18 904	16 795	15 113	13 437 *	11 545 *	10 031 *	8 788 *	7 747 *	
- 14' 9"	LATERAL 	outriggers down		21 647	18 904	16 795	15 113	13 732	12 568	11 563	10 445 *	9 244 *	
		outriggers up		18 971 *	14 980 *	12 187 *	10 128 *	8 545 *	7 291 *	6 270 *	5 421 *	4 700 *	
9' 1"	FRONT 	outriggers down	30 869	25 124	21 199	18 340	16 155	14 416	12 990	11 777	10 712	9 736	8 783
		outriggers up	30 869	25 124	21 091 *	17 313 *	14 559 *	12 463 *	10 811 *	9 478 *	8 377 *	7 454 *	6 671 *
0 m	LATERAL 	outriggers down	30 869	25 124	21 199	18 340	16 155	14 416	12 895 *	11 318 *	10 027 *	8 944 *	8 034 *
		outriggers up	20 000 *	15 690 *	12 732 *	10 578 *	8 937 *	7 650 *	6 612 *	5 754 *	5 035 *	4 425 *	3 902 *
0 m	FRONT 	outriggers down	9 947	21 389	21 299	18 402	16 118	14 266	12 723	11 398	10 212	9 098	7 954
		outriggers up	9 947	21 389	18 964 *	15 747 *	13 384 *	11 570 *	10 132 *	8 962 *	7 994 *	7 180 *	6 493 *
- 9' 1"	LATERAL 	outriggers down	9 947	21 389	21 299	18 402	16 118	13 940 *	12 190 *	10 792 *	9 634 *	8 668 *	7 851 *
		outriggers up	9 947	13 170 *	10 869 *	9 178 *	7 873 *	6 832 *	5 981 *	5 273 *	4 676 *	4 167 *	3 732 *
- 9' 1"	FRONT 	outriggers down		20 097	17 868	15 836	14 043	12 467	11 056	9 762	8 516	7 222	
		outriggers up		20 097	17 868	15 086 *	12 831 *	11 120 *	9 777 *	8 693 *	7 802 *	7 066 *	
- 14' 9"	LATERAL 	outriggers down		20 097	17 868	15 836	14 043	12 467	11 056	9 762	8 516	7 222	
		outriggers up		12 518 *	10 214 *	8 587 *	7 370 *	6 418 *	5 653 *	5 022 *	4 497 *	4 059 *	
- 14' 9"	FRONT 	outriggers down						10 692					
		outriggers up						10 692					
- 14' 9"	LATERAL 	outriggers down						10 692					
		outriggers up						6 373 *					

The specified max. loading capacities in pounds (lbs) 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.

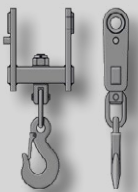
*Value limited due to excavator stability.

WORKING RANGES 350MH

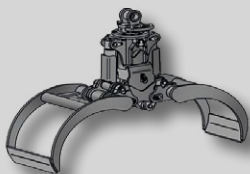
Loading boom 34' 9" (C84.7i) and Stick 25' 3" (D84.17i)



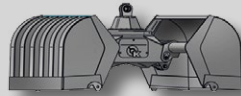
Attachments



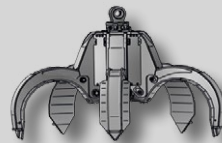
Load hook



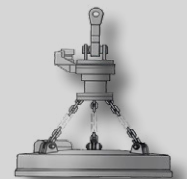
Log grab



Clamshell grab



































Orange peel grab



Load lifting magnet

LIFTING CAPACITIES 350MH

Lifting Capacities, Loading boom 34' 9" (C84.7i) with Stick 25' 3" (D84.17i). Max. reach 59' 3". Alternative counterweight 18078 lbs

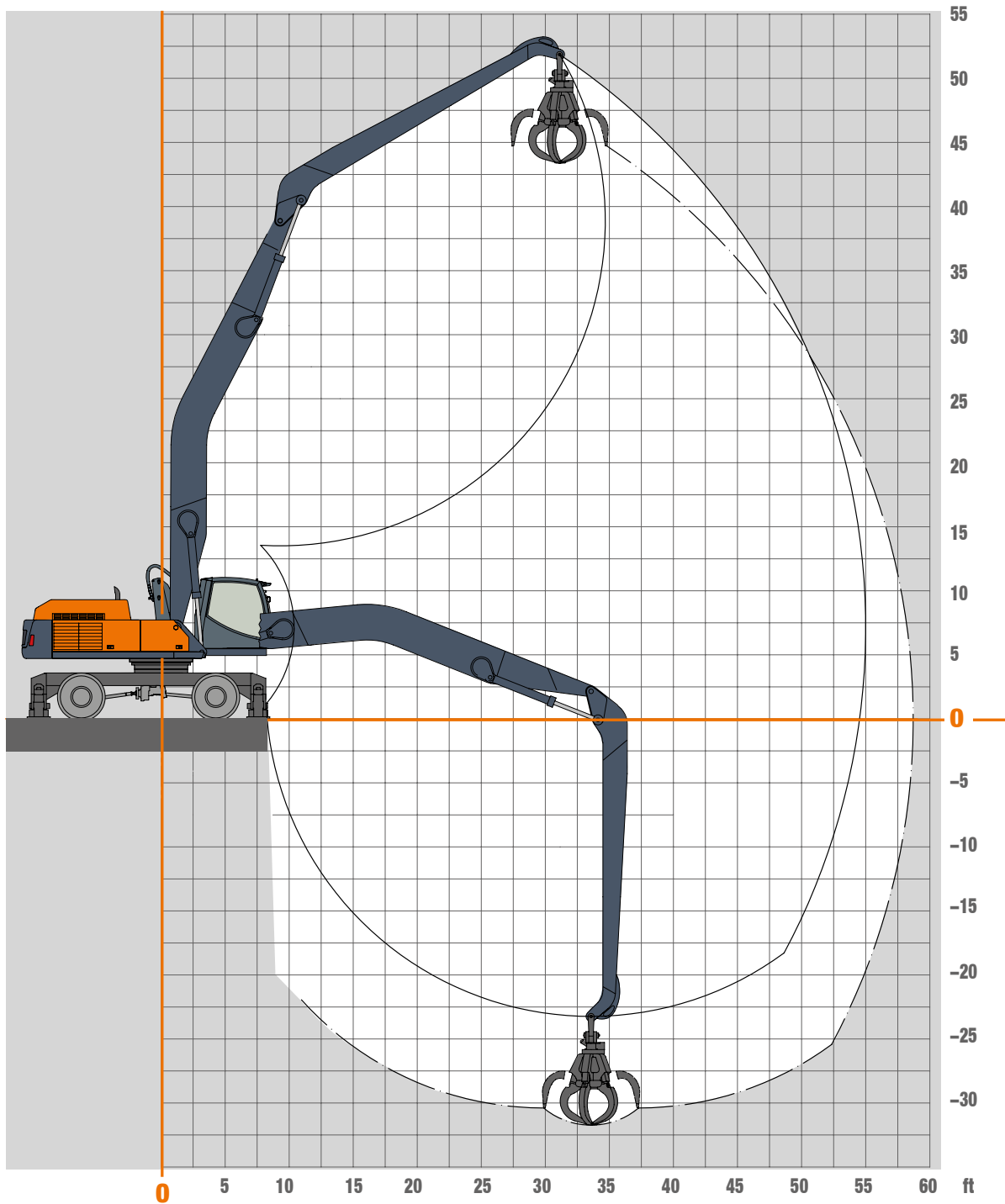
HEIGHT	Undercarriage position		16' 5"	19' 8"	22' 1"	26' 3"	29' 6"	32' 9"	36' 1"	39' 4"	42' 8"	45' 1"	49' 3"	52' 6"	54' 2"
54' 2"	FRONT 	outriggers down				9 744									
		outriggers up				9 744									
	LATERAL 	outriggers down				9 744									
		outriggers up				9 744									
49' 3"	FRONT 	outriggers down					10 617	9 850							
		outriggers up					10 617	9 850							
	LATERAL 	outriggers down					10 617	9 850							
		outriggers up					10 617	9 010*							
44' 3"	FRONT 	outriggers down						9 753	9 079	8 483					
		outriggers up						9 753	9 079	8 483					
	LATERAL 	outriggers down						9 753	9 079	8 483					
		outriggers up						9 303*	7 745*	6 420*					
39' 4"	FRONT 	outriggers down						9 729	9 081	8 474	7 926				
		outriggers up						9 729	9 081	8 474	7 926				
	LATERAL 	outriggers down						9 729	9 081	8 474	7 926				
		outriggers up						9 275*	7 826*	6 545*	5 443*				
34' 5"	FRONT 	outriggers down						9 885	9 173	8 494	7 983	7 458			
		outriggers up						9 885	9 173	8 494	7 983	7 458			
	LATERAL 	outriggers down						9 885	9 173	8 494	7 983	7 458			
		outriggers up						9 226*	7 743*	6 429*	5 487*	4 568*			
29' 6"	FRONT 	outriggers down						10 117	9 303	8 668	8 071	7 522	7 057		
		outriggers up						10 117	9 303	8 668	8 071	7 522	6 786*		
	LATERAL 	outriggers down						10 117	9 303	8 668	8 071	7 522	7 057		
		outriggers up						8 964*	7 460*	6 371*	5 390*	4 526*	3 838*		
24' 7"	FRONT 	outriggers down					11 418	10 395	9 524	8 816	8 175	7 584	7 101		
		outriggers up					11 418	10 395	9 524	8 816	8 175	7 562*	6 671*		
	LATERAL 	outriggers down					11 418	10 395	9 524	8 816	8 175	7 584	7 101		
		outriggers up					10 205*	8 492*	7 125*	6 054*	5 157*	4 361*	3 735*		
19' 8"	FRONT 	outriggers down		17 610	15 176	13 417	11 971	10 842	9 819	9 050	8 342	7 725	7 136	6 658	
		outriggers up		17 610	15 176	13 417	11 971	10 842	9 819	9 050	8 342	7 432*	6 488*	5 769*	
	LATERAL 	outriggers down		17 610	15 176	13 417	11 971	10 842	9 819	9 050	8 342	7 725	7 136	6 658	
		outriggers up		17 610	14 383*	11 678*	9 601*	8 042*	6 742*	5 769*	4 941*	4 220*	3 571*	3 071*	
14' 9"	FRONT 	outriggers down	23 475	19 255	16 356	14 090	12 522	11 206	10 165	9 268	8 446	7 983	7 211	6 653	6 373
		outriggers up	23 475	19 255	16 356	14 090	12 522	11 206	10 165	9 268	8 100*	7 599*	6 345*	5 611*	5 273*
	LATERAL 	outriggers down	23 475	19 255	16 356	14 090	12 522	11 206	10 165	9 268	8 446	7 983	7 211	6 653	6 290*
		outriggers up	21 497*	16 371*	13 067*	10 536*	8 816*	7 443*	6 325*	5 410*	4 590*	4 083*	3 424*	2 926*	2 694*
9' 10"	FRONT 	outriggers down	25 494	20 419	17 117	14 711	12 895	11 499	10 390	9 372	8 602	7 884	7 224	6 625	6 334
		outriggers up	25 494	20 419	17 117	14 711	12 895	11 499	10 210*	8 845*	7 844*	6 933*	6 135*	5 456*	5 148*
	LATERAL 	outriggers down	25 494	20 419	17 117	14 711	12 895	11 499	10 390	9 372	8 602	7 884	7 224	6 515*	6 164*
		outriggers up	17 602*	13 955*	11 277*	9 400*	7 901*	6 717*	5 800*	4 958*	4 328*	3 746*	3 228*	2 782*	2 573*
4' 11"	FRONT 	outriggers down	25 853	21 206	17 767	15 199	13 258	11 770	10 509	9 497	8 629	7 870	7 172	6 528	6 224
		outriggers up	25 853	21 206	17 767	15 199	12 943*	11 149*	9 654*	8 501*	7 493*	6 662*	5 928*	5 291*	5 015*
	LATERAL 	outriggers down	25 853	21 206	17 767	15 199	13 258	11 770	10 509	9 497	8 629	7 870	7 072*	6 345*	6 030*
		outriggers up	14 416*	11 927*	9 934*	8 362*	7 147*	6 151*	5 293*	4 619*	4 004*	3 492*	3 034*	2 626*	2 452*
0 m	FRONT 	outriggers down	24 881	20 847	17 690	15 115	13 311	11 770	10 463	9 433	8 512	7 751	7 061	6 380	6 049
		outriggers up	24 881	20 847	17 139*	14 176*	12 178*	10 527*	9 158*	8 082*	7 196*	6 402*	5 761*	5 179*	4 921*
	LATERAL 	outriggers down	24 881	20 847	17 690	15 115	13 311	11 770	10 463	9 433	8 530	7 650*	6 905*	6 232*	5 937*
		outriggers up	12 776*	10 456*	8 796*	7 438*	6 446*	5 589*	4 850*	4 239*	3 818*	3 256*	2 870*	2 511*	2 355*
-4' 11"	FRONT 	outriggers down	23 067	19 700	17 004	14 859	12 943	11 532	10 307	9 257	8 285	7 533	6 799	6 067	5 686
		outriggers up	23 067	19 700	16 270*	13 644*	11 526*	10 051*	8 818*	7 800*	6 892*	6 217*	5 644*	5 071*	4 821*
	LATERAL 	outriggers down	23 067	19 700	17 004	14 859	12 943	11 532	10 307	9 257	8 256*	7 463*	6 799	6 067	5 686
		outriggers up	12 207*	9 680*	8 069*	6 905*	5 888*	5 154*	4 517*	3 966*	3 459*	3 080*	2 743*	2 407*	2 262*
-9' 10"	FRONT 	outriggers down	20 598	18 016	15 772	13 984	12 425	10 974	9 806	8 847	7 937	7 132	6 360	5 593	
		outriggers up	20 598	18 016	15 695*	13 155*	11 261*	9 691*	8 503*	7 586*	6 762*	6 080*	5 509*	5 007*	
	LATERAL 	outriggers down	20 598	18 016	15 772	13 984	12 425	10 974	9 806	8 847	7 937	7 132	6 360	5 593	
		outriggers up	12 066*	9 400*	7 641*	6 506*	5 617*	4 846*	4 244*	3 763*	3 322*	2 950*	2 630*	2 348*	
-14' 9"	FRONT 	outriggers down				14 312	12 844	11 378	10 143	9 134	8 153	7 275	6 440	5 622	
		outriggers up				14 312	12 668*	11 025*	9 489*	8 408*	7 447*	6 665*	5 985*	5 450*	
	LATERAL 	outriggers down				14 312	12 844	11 378	10 143	9 134	8 153	7 275	6 440	5 622	
		outriggers up				7 624*	6 526*	5 423*	4 676*	4 134*	3 640*	3 230*	2 868*	2 579*	
-19' 8"	FRONT 	outriggers down							8 889	8 007	7 114				
		outriggers up							8 889	8 007	7 114				
	LATERAL 	outriggers down							8 889	8 007	7 114				
		outriggers up							4 656*	4 070*	3 596*				

The specified max. loading capacities in pounds (lbs) 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.

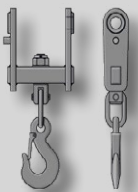
*Value limited due to excavator stability.

WORKING RANGES 350MH

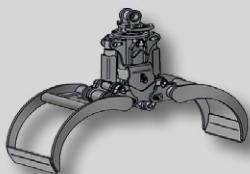
Boom 32' 10" (C85.7iB) and Stick 25' 5" (D84.17i)



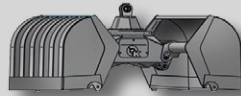
Attachments



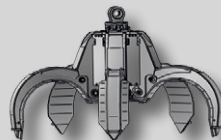
Load hook



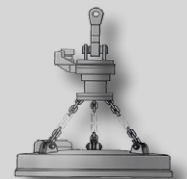
Log grab



Clamshell grab

































Orange peel grab



Load lifting magnet

LIFTING CAPACITIES 350MH

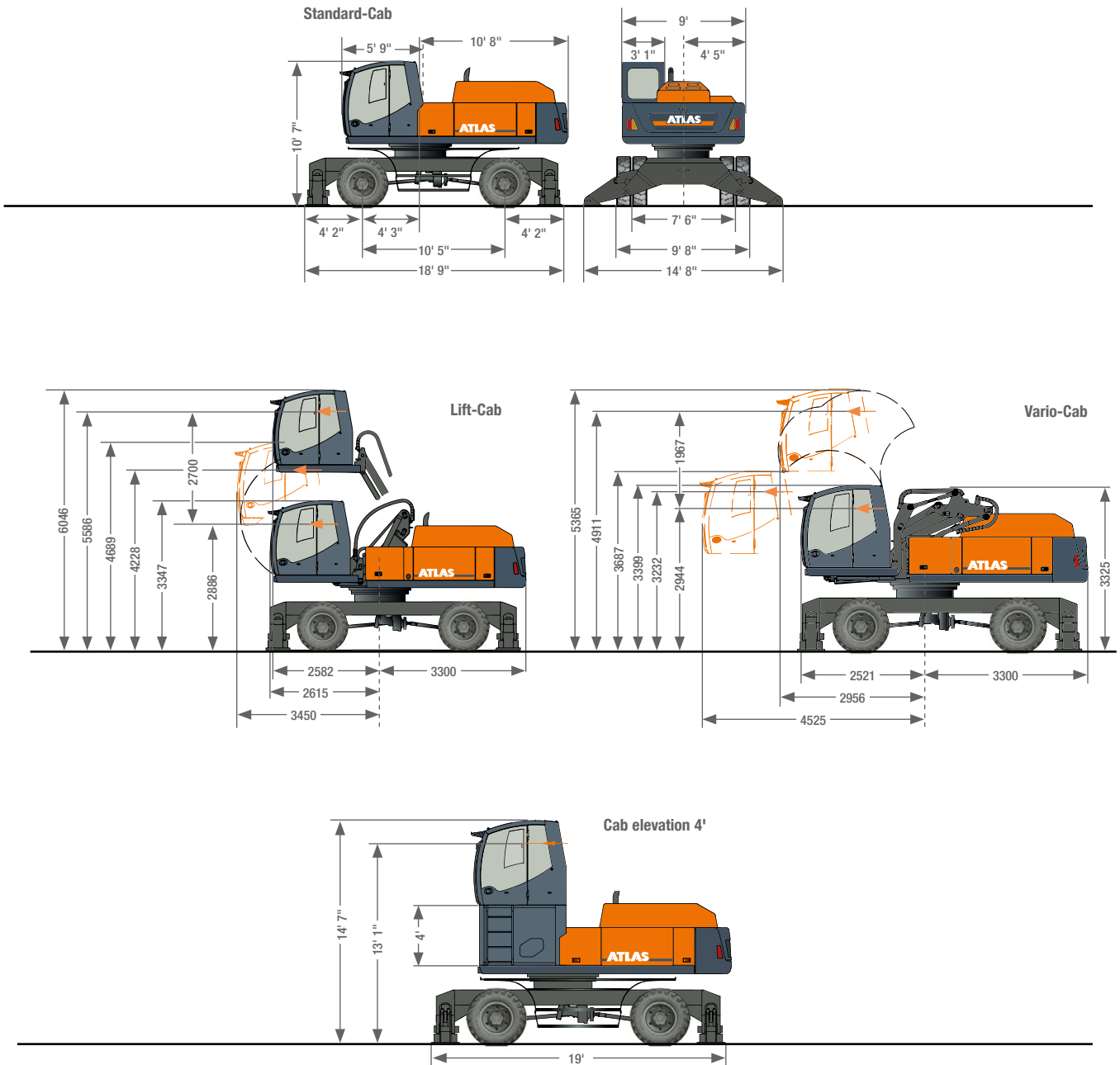
Boom 32' 10" (C85.7iB) and Stick 25' 5" (D84.17i). Max. reach 58' 7" . Alternative counterweight 18078 lbs

HEIGHT	Undercarriage position		19' 8"	22' 1"	26' 3"	29' 6"	32' 9"	36' 1"	39' 4"	42' 8"	45' 1"	49' 3"	52' 6"
49' 3"	FRONT 	outriggers down					5 794						
		outriggers up					5 794						
44' 3"	LATERAL 	outriggers down					5 794						
		outriggers up					5 794						
39' 4"	FRONT 	outriggers down						5 891	5 130				
		outriggers up						5 891	5 130				
34' 5"	LATERAL 	outriggers down						5 891	5 130				
		outriggers up						5 891	5 130				
29' 6"	FRONT 	outriggers down						6 486	5 966	5 194			
		outriggers up						6 486	5 966	5 194			
24' 7"	LATERAL 	outriggers down						6 486	5 966	5 194			
		outriggers up						6 486	5 966	5 194			
19' 8"	FRONT 	outriggers down						7 008	6 623	6 023	5 146		
		outriggers up						7 008	6 623	6 023	5 146		
14' 9"	LATERAL 	outriggers down						7 008	6 623	6 023	5 146		
		outriggers up						7 008	6 623	5 778*	4 866*		
9' 10"	FRONT 	outriggers down						7 610	7 297	6 770	6 003	4 916	
		outriggers up						7 610	7 297	6 770	6 003	4 916	
-4' 11"	LATERAL 	outriggers down						7 610	7 297	6 770	6 003	4 916	
		outriggers up						7 610	6 724*	5 706*	4 839*	4 085*	
-9' 10"	FRONT 	outriggers down					8 530	8 448	8 133	7 595	6 828	5 794	
		outriggers up					8 530	8 448	8 133	7 595	6 828	5 794	
-14' 9"	LATERAL 	outriggers down					8 530	8 448	8 133	7 595	6 828	5 794	
		outriggers up					8 530	7 676*	6 512*	5 547*	4 731*	4 026*	
-19' 8"	FRONT 	outriggers down			9 361	9 808	9 914	9 724	9 281	8 613	7 734	6 627	5 216
		outriggers up			9 361	9 808	9 914	9 724	9 281	8 613	7 661*	6 627	5 216
-9' 10"	LATERAL 	outriggers down			9 361	9 808	9 914	9 724	9 281	8 613	7 734	6 627	5 216
		outriggers up			9 361	9 808	8 640*	7 304*	6 221*	5 322*	4 564*	3 909*	3 333*
-4' 11"	FRONT 	outriggers down	11 552	12 507	12 868	12 795	11 825	10 796	9 932	9 187	8 534	7 498	5 957
		outriggers up	11 552	12 507	12 868	12 795	11 825	10 796	9 676*	8 459*	7 438*	6 570*	5 818*
0	LATERAL 	outriggers down	11 552	12 507	12 868	12 795	11 825	10 796	9 932	9 187	8 534	7 498	5 957
		outriggers up	11 552	12 507	11 539*	9 581*	8 067*	6 859*	5 873*	5 051*	4 354*	3 754*	3 228*
9' 10"	FRONT 	outriggers down	21 336	18 005	15 598	13 772	12 335	11 169	10 201	9 374	8 651	8 003	6 627
		outriggers up	21 336	18 005	15 598	13 772	12 326*	10 637*	9 273*	8 144*	7 196*	6 385*	5 683*
4' 11"	LATERAL 	outriggers down	21 336	18 005	15 598	13 772	12 335	11 169	10 201	9 374	8 651	7 760*	6 627
		outriggers up	15 675*	12 650*	10 443*	8 765*	7 443*	6 376*	5 496*	4 755*	4 125*	3 578*	3 100*
-4' 11"	FRONT 	outriggers down	8 466	19 030	16 347	14 323	12 738	11 460	10 399	9 500	8 713	8 005	7 194
		outriggers up	8 466	19 030	16 107*	13 598*	11 662*	10 124*	8 871*	7 831*	6 951*	6 199*	5 547*
-9' 10"	LATERAL 	outriggers down	8 466	19 030	16 347	14 323	12 738	11 460	10 399	9 489*	8 452*	7 571*	6 808*
		outriggers up	8 466	11 213*	9 392*	7 972*	6 834*	5 900*	5 121*	4 460*	3 893*	3 402*	2 970*
-14' 9"	FRONT 	outriggers down	3 829	10 736	16 733	14 621	12 954	11 603	10 481	9 522	8 680	7 912	7 176
		outriggers up	3 829	10 736	15 128*	12 844*	11 076*	9 663*	8 508*	7 544*	6 726*	6 027*	5 428*
-19' 8"	LATERAL 	outriggers down	3 829	10 736	16 733	14 621	12 954	11 603	10 351*	9 195*	8 223*	7 396*	6 687*
		outriggers up	3 829	10 079*	8 516*	7 288*	6 294*	5 472*	4 782*	4 191*	3 682*	3 239*	2 857*
-9' 10"	FRONT 	outriggers down	3 329	7 275	16 440	14 583	12 912	11 541	10 386	9 389	8 505	7 685	6 865
		outriggers up	3 329	7 275	14 416*	12 269*	10 611*	9 288*	8 208*	7 304*	6 545*	5 895*	5 340*
-14' 9"	LATERAL 	outriggers down	3 329	7 275	16 440	14 583	12 912	11 358*	10 042*	8 953*	8 038*	7 262*	6 598*
		outriggers up	3 329	7 275	7 881*	6 766*	5 866*	5 126*	4 500*	3 966*	3 510*	3 115*	2 773*
-19' 8"	FRONT 	outriggers down	3 730	6 728	12 641	14 169	12 568	11 224	10 073	9 059	8 135	7 247	
		outriggers up	3 730	6 728	12 641	11 894*	10 295*	9 028*	7 998*	7 143*	6 424*	5 814*	
-9' 10"	LATERAL 	outriggers down	3 730	6 728	12 641	14 169	12 568	11 091*	9 828*	8 788*	7 915*	7 178*	
		outriggers up	3 730	6 728	7 498*	6 426*	5 578*	4 883*	4 306*	3 814*	3 395*	3 036*	
-4' 11"	FRONT 	outriggers down	4 484	7 108	11 975	13 329	11 854	10 582	9 460	8 441	7 474	6 482	
		outriggers up	4 484	7 108	11 975	11 706*	10 126*	8 885*	7 884*	7 057*	6 369*	5 796*	
0	LATERAL 	outriggers down	4 484	7 108	11 975	13 329	11 854	10 582	9 460	8 441	7 474	6 482	
		outriggers up	4 484	7 108	7 324*	6 254*	5 421*	4 751*	4 198*	3 735*	3 344*	3 018*	
9' 10"	FRONT 	outriggers down		7 978	12 652	11 986	10 690	9 526	8 450	7 423	6 373		
		outriggers up		7 978	12 652	11 673*	10 088*	8 854*	7 866*	7 061*	6 373		
4' 11"	LATERAL 	outriggers down		7 978	12 652	11 986	10 690	9 526	8 450	7 423	6 373		
		outriggers up		7 978	7 315*	6 226*	5 388*	4 722*	4 182*	3 737*	3 373*		

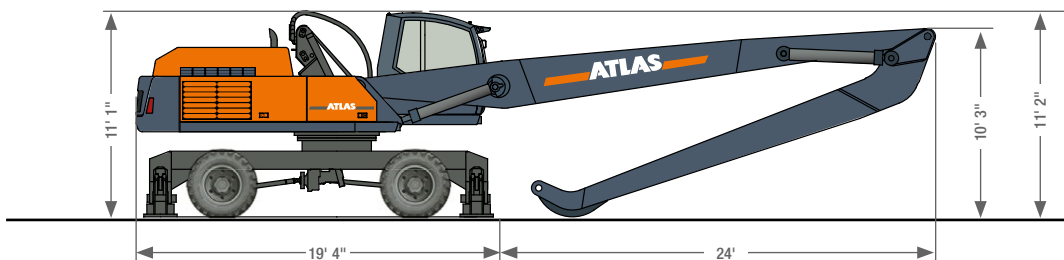
The specified max. loading capacities in pounds (lbs) include a stability of 25% or are calculated at 87% of the hydraulic lifting power, as per ISO10567. These values are applicable at the tip of the arm with optimum positioning of the corresponding arm system. Weights of attached load carrying accessories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

DIMENSIONS 350MH

350MH Transport position



Further cabin versions on demand.



A84.32, C84.61, D84.161



350MH-US (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. 6214248

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



ATLAS
SINCE 1919

