



100
ATLAS 1919 - 2019

ATLAS
SINCE 1919

 53 - 57 t

 216 kW (295 HP)

 18.1 - 21.9 m

**FAST.
RELIABLE.
VERSATILE.**



MATERIAL HANDLING MACHINE 520MH

WWW.ATLASGMBH.COM

TECHNICAL SPECIFICATION 520MH

Technical Specification

ENGINE

Power according to ISO 9249.....216 kW (295 HP)	Cylinder capacity7800 cm ³	Air filterDry air filter
RPM1800/min	Number of cylinders.....6	Battery 2x 12V / 143 Ah
Make/Model.....Deutz / TCD 7.8 L6 EU Stage V	Borehole/lift.....110/136	Alternator28,5 V / 100 A
Design.....Turbocharger/ intercooler	Cooling system.....Water-cooled	Starter.....24V / 4.0 kW

HYDRAULIC SYSTEM

<ul style="list-style-type: none"> • AWE 5 system (load sensing) • 2 Load limit controlled high-performance piston pumps • Fuel efficient flow-on-demand control 	<ul style="list-style-type: none"> • Suction valves for all work functions • Load-retaining and fine-drop valve in lifting circuit • Pipe break protection valves for lifting cylinders • Grab and grab-rotating function • 2 additional circuits for additional consumer loads possible 	<ul style="list-style-type: none"> • Overload warning device • Max. oil flow2 x 380 l/min • Max. operating pressure.....360 bar • Operating modes: 3 pre-programmed modes (Fine, Eco, Power)
<ul style="list-style-type: none"> • Sensitive, proportional, independent control • Primary and secondary protection against overload 		

SWING ASSEMBLY

<ul style="list-style-type: none"> • Swing motor • Swing gear: • Swing brake: 	<ul style="list-style-type: none"> • 2x Axial piston motor with priority valve • Planetary transmission • Automatic multidisc brake 	<ul style="list-style-type: none"> • Max. swing speed.....5.2/min • Swing torque164 kNm
--	--	---

TRACTION DRIVE AND BRAKES

<ul style="list-style-type: none"> • Variable displacement motor • 2-gear transmission • Double-acting brake valve • Driving direction pre-selection via switch in joystick 	<ul style="list-style-type: none"> • Automotive drive and cruise control • Maximum speed16 km/h • Terrain speed.....5 km/h • Crawling speed1 km/h 	<ul style="list-style-type: none"> • Dual circuit brake systemdrum brake • Parking brakespring-loaded brake
---	---	---

UNDERCARRIAGE

<ul style="list-style-type: none"> • 70 t special excavator axles 	<ul style="list-style-type: none"> • Steering axle with automatic oscillating axle locking 	<ul style="list-style-type: none"> • 8 tyres, Solid rubber.....12.00 - 24
--	---	--

FILL CAPACITIES

<ul style="list-style-type: none"> • Fuel tank..... 920 Liter • Cooling system 53 Liter 	<ul style="list-style-type: none"> • Engine oil..... 21 Liter • Hydraulic tank 720 Liter 	<ul style="list-style-type: none"> • Hydraulics system1400 litres • Ad Blue.....50 Liter
---	--	--

DRIVER'S CAB

<ul style="list-style-type: none"> • Meets latest safety standards • Extra-wide entrance • Spacious leg room • Vario cab can be driven 3 m high and 2.5 m forwards • Excellent circumferential visibility • Preparation for radio installation with mute function 	<p>CONTROL:</p> <ul style="list-style-type: none"> • Ergonomic joysticks • Steering via potentiometer • Indicators, controls and operating switches are clearly arranged <p>MONITORING:</p> <ul style="list-style-type: none"> • Operating data display screen • Automatic system for monitoring, warning and storage of data 	<p>CLIMATE CONTROL:</p> <ul style="list-style-type: none"> • Air conditioning as standard • Very good air distribution through optimally arranged nozzles <p>SOUND LEVELS:</p> <ul style="list-style-type: none"> • ISO 6396 (L_{pA}) in driver's cab70 dB(A) • 2000/14EG (L_{wA}) ambience level105 dB(A)
<p>DRIVER'S SEAT:</p> <ul style="list-style-type: none"> • Air-cushioned comfort seat (optional seat heating) • Arm rests and lumbar support • Seat adjustable separately from console 		

WORKING EQUIPMENT 520MH

Working Equipment

OPERATING WEIGHTS

	LOADING BOOM 9.80 m (C94.5i)	LOADING BOOM 12.10 m (C94.6i) / (C94.16iD)
	Stick 7.50 m (D94.15i)	Stick 9.24 m (D94.16i)
4 outriggers	53 t	54 t
1 m pylon	55 t	56 t
2 m pylon	56 t	57 t

Operating weight with driver, solid rubber tyres, completely filled implement and 1.5 t for attachments

EQUIPMENT

BASIC DEVICE ATLAS 520MH

- Material Handler 520MH with quadruple outriggers and 2 lifting cylinders (A 94.32)

Hydraulics:

- Grab and grab-rotating function
- Accumulator for emergency lowering of the arm system
- Pipe-break protection valves for lifting cylinders
- Overload warning device
- Cylinder end-position damping

- Sliding window in cab door
- Ready for electric cooling box
- Different options for storage, compartment for documents
- Rear view security camera with LCD colour monitor
- Vario cab can be driven 3 m high and 2.5 m forwards

Booms:

- Loading boom 9.80 m (C94.5i)
- Loading boom 12.10 m (C94.6i)
- Loading boom 12.10 m (Banana) (C94.6iD)

Sticks:

- Stick 7.50 m (D 94.15i) for (C94.15i)
- Stick 9.24 m (D 94.16i) for (C94.16i/C94.16iD)

Cab:

- Air conditioning
- Preparation for radio installation with mute function
- Steering column, height and tilt adjustable
- Seat adjustable separately from console
- Heat-insulating glass, tinted windows
- Operating data display screen

Equipment:

- Automatic central lubrication system

STANDARD EQUIPMENTG:

Engine:

- Automatic idle
- Diesel pre-filter
- Engine monitoring

Undercarriage:

- Tool box in the undercarriage

ADDITIONAL EQUIPMENT

Engine:

- Refueling pump
- Engine speed adjustment via potentiometer
- Auxiliary heating
- Cold start assistance

Cab:

- Cab protection guard
- Beacon light
- Heated driver's seat
- Radio/CD/MP3, front AUX in, USB
- Cab elevation
- GPS/GSM Telemetriebox, for monitoring of operating data, fuel consumption, location
- Head rest
- Working lights, LED
- Electric cooling box

Other special equipment: See price list

Hydraulics:

- Hydraulic kit, to operate front and rear supports separately
- Bio oil

ATTACHMENTS

- Clamshell grab
- Load hook
- Log grab
- Orange peel grab
- Load lifting magnet

DO THE RIGHT JOB

FULL STEAM AHEAD

Get your cargo handling moving. In times of rapid growth in the transport sector you need handling equipment with which you can work fast.

Particularly good for port use:

- Low costs per tonne thanks to fast and responsive operation and low-maintenance processing.
 - High handling capacity thanks to enormous lifting power.
 - Arm construction specially designed to clear ships' sides.
 - Cab system with Vario cab.
 - Can be supplied with pylon upon request.
-
- Newly developed banana boom for ship unloading.

RECYCLING & SCRAP

PORTS



STABILITY



- Here the new undercarriage with moving pads and new ascent to get more comfortable in the cabin.
- New outrigger pads for increased stability again.

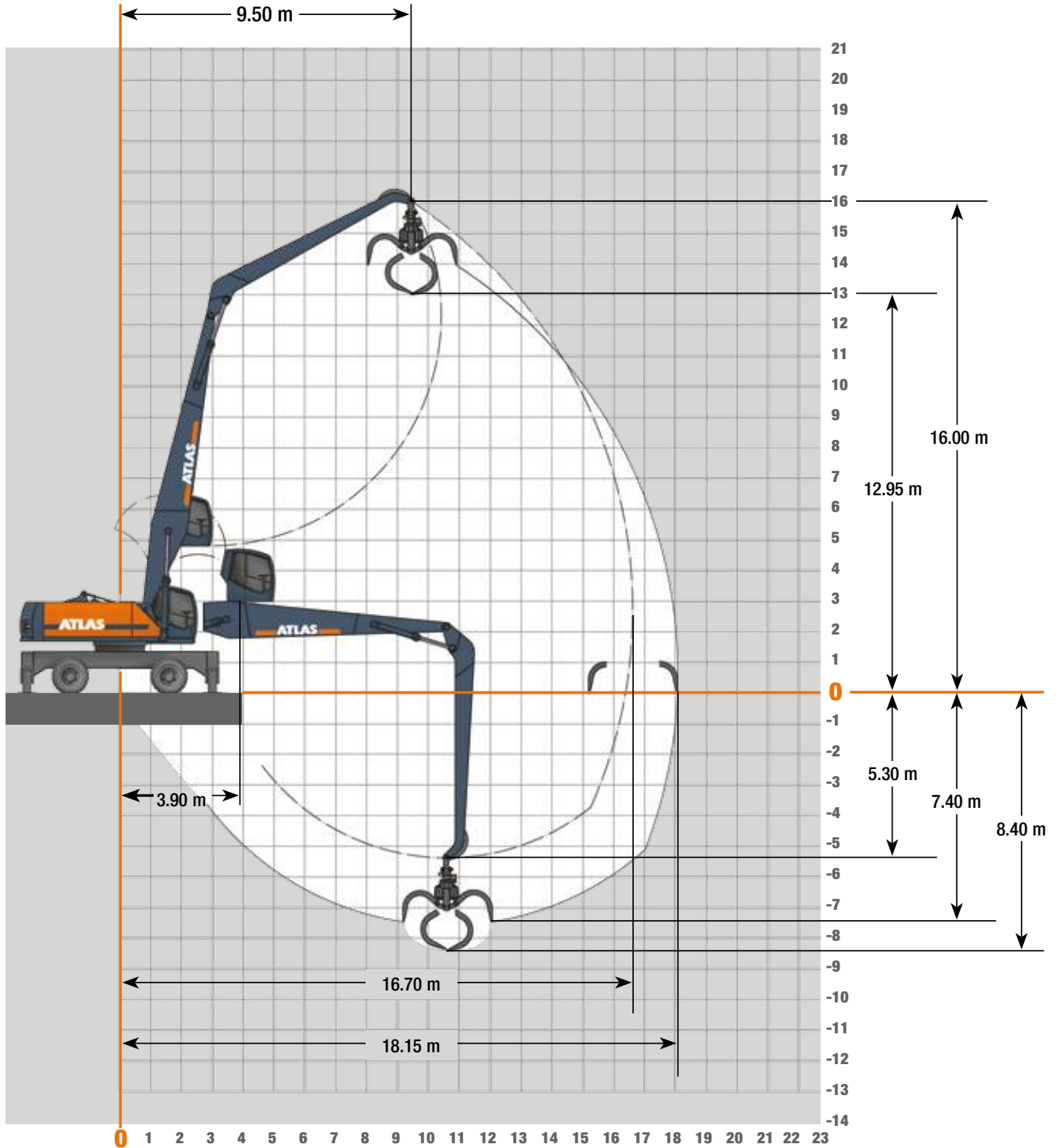


RELIABLE – BECAUSE EVERY MINUTE COUNTS

Our market leadership is based on our well-proven technology tried and tested a thousand times over in the most arduous applications. High-tensile steels, robust electric and electronic components as well as excellent workmanship in all hydraulic components ensure that the material handler is the reliable heart on any construction site.

WORKING RANGES 520MH

Working Ranges Loading boom 9.80 m (C94.5i) with Stick 7.50 m (D94.15i)




LIFTING CAPACITIES 520MH

Lifting Capacities Loading boom 9.80 m (C94.5i) and Stick 7.50 m (D94.15i)

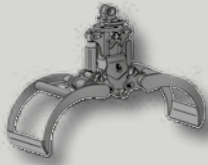
		Lifting Capacities Loading boom 9.80 m (C94.5i) with Stick 7.50 m (D 94.15i). Max. reach 16.70 m																			
		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		15.0 m		16.5 m		18.0 m		19.5 m	
HEIGHT		FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL
		18.0 m	outriggers down																		
	outriggers up																				
16.5 m	outriggers down																				
	outriggers up																				
15.0 m	outriggers down							8.5*	8.5*												
	outriggers up							8.5*	6.9												
13.5 m	outriggers down							8.2*	8.2*	7.8*	7.8*										
	outriggers up							8.2*	7.1	7.0	5.6										
12.0 m	outriggers down							8.2*	8.2*	7.7*	7.7*	7.3*	7.3*								
	outriggers up							8.2*	7.1	7.0	5.6	5.7	4.5								
10.5 m	outriggers down							8.3*	8.3*	7.8*	7.8*	7.3*	7.3*								
	outriggers up							8.3*	7.0	7.0	5.6	5.7	4.5								
9.0 m	outriggers down							8.6*	8.6*	8.0*	8.0*	7.4*	7.4*	7.0*	7.0*						
	outriggers up							8.6	6.9	6.9	5.5	5.6	4.4	4.7	3.6						
7.5 m	outriggers down					10.1*	10.1*	9.0*	9.1*	8.3*	8.3*	7.6*	7.6*	7.1*	7.1*						
	outriggers up					10.1*	8.5	8.4	6.6	6.7	5.3	5.5	4.3	4.6	3.6						
6.0 m	outriggers down			12.7*	12.7*	10.9*	10.9*	9.6*	9.6*	8.6*	8.6*	7.8*	7.8*	7.2*	7.2*						
	outriggers up			12.7*	10.6	10.2	8.0	8.1	6.3	6.5	5.1	5.4	4.2	4.5	3.5						
4.5 m	outriggers down	18.0*	18.0*	14.2*	14.2*	11.8*	11.8*	10.2*	10.2*	9.0*	9.0*	8.1*	8.1*	7.4*	7.4*						
	outriggers up	17.5	13.3	12.6	9.8	9.7	7.5	7.7	6.0	6.3	4.9	5.2	4.0	4.4	3.4						
3.0 m	outriggers down	15.3*	15.3*	15.6*	15.6*	12.7*	12.7*	10.7*	10.7*	9.4*	9.4*	8.3*	8.3*	7.5*	7.5*	6.7*	6.7*				
	outriggers up	15.3*	11.9	11.7	9.0	9.1	7.0	7.4	5.7	6.0	4.7	5.1	3.9	4.3	3.3	3.7	2.8				
1.5 m	outriggers down	5.5*	5.5*	16.6*	16.6*	13.3*	13.3*	11.2*	11.2*	9.6*	9.6*	8.5*	8.5*	7.5*	7.5*						
	outriggers up	5.5*	5.5*	11.0	8.3	8.6	6.6	7.0	5.4	5.8	4.4	4.9	3.7	4.2	3.2						
0 m	outriggers down	4.7*	4.7*	13.5*	13.5*	13.7*	13.7*	11.4*	11.4*	9.8*	9.8*	8.6*	8.6*	7.5*	7.5*						
	outriggers up	4.7*	4.7*	10.5	7.8	8.3	6.2	6.8	5.1	5.6	4.3	4.8	3.6	4.1	3.1						
- 1.5 m	outriggers down	5.2*	5.2*	11.3*	11.3*	13.7*	13.7*	11.5*	11.5*	9.8*	9.8*	8.5*	8.5*	7.4*	7.4*						
	outriggers up	5.2*	5.2*	10.2	7.5	8.0	6.0	6.6	4.9	5.5	4.1	4.7	3.5	4.1	3.0						
- 3.0 m	outriggers down	6.2*	6.2*	11.3*	11.3*	13.4*	13.4*	11.2*	11.2*	9.5*	9.5*	8.2*	8.2*	7.0*	7.0*						
	outriggers up	6.2*	6.2*	10.0	7.4	7.9	5.9	6.5	4.8	5.4	4.1	4.7	3.5	4.1	3.0						
-4.5 m	outriggers down					12.6*	12.6*	10.6*	10.6*	9.0*	9.0*	7.6*	7.6*								
	outriggers up					7.9	5.9	6.4	4.8	5.4	4.0	4.7	3.5								
-6.0 m	outriggers down																				
	outriggers up																				

The specified max. loading capacities in tonnes 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 (without tipping cylinder and reversing linkage) 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 hydraulics.

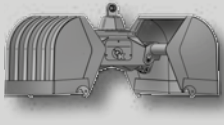
Attachments



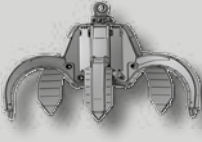
Load hook




Log grab



Clamshell grab



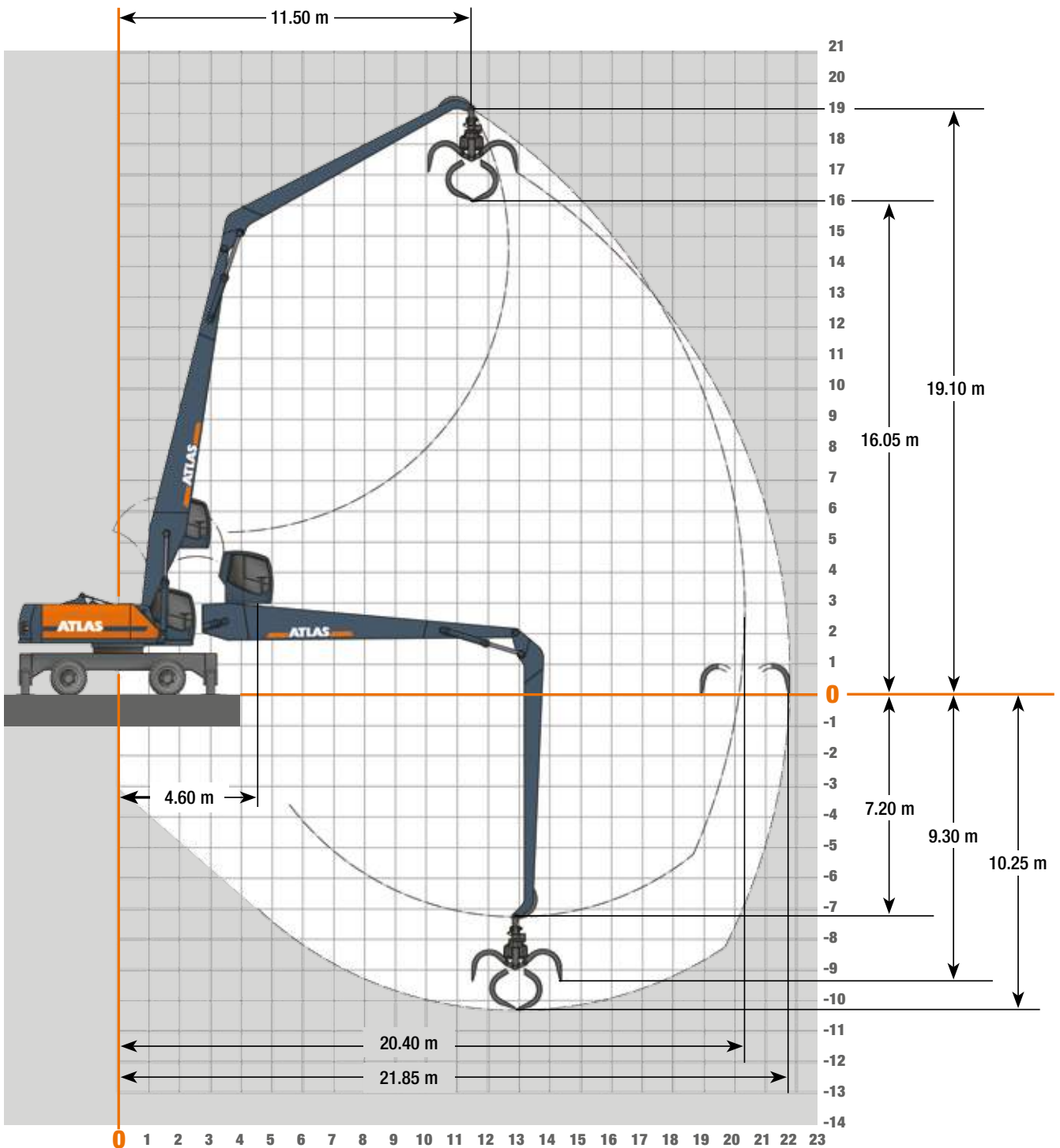
Orange peel grab



Load lifting magnet

WORKING RANGES 520MH

Working Ranges Loading boom 12.10 m (C94.6i) with Stick 9.24 m (D94.16i)



LIFTING CAPACITIES 520MH

Lifting Capacities Loading boom 12.10 m (C94.6i) with Stick 9.24 m (D94.16i)

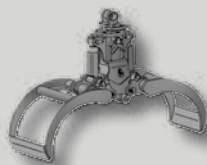
		Lifting Capacities Loading boom 12.10 m (C94.6i) with Stick 9.24 m (D 94.16i). Max. reach 21.85 m																			
		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		15.0 m		16.5 m		18.0 m		19.5 m	
HEIGHT		FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL
		18.0 m	outriggers down																		
	outriggers up																				
16.5 m	outriggers down											5.7*	5.7*								
	outriggers up											5.7*	4.6								
15.0 m	outriggers down											5.7*	5.7*	5.3*	5.3*						
	outriggers up											5.7*	4.6	4.8	3.7						
13.5 m	outriggers down											5.7*	5.7*	5.3v	5.3*	5.0*	5.0*				
	outriggers up											5.7*	4.6	4.8	3.7	3.9	2.9				
12.0 m	outriggers down											5.7*	5.7*	5.3*	5.3*	5.0*	5.0*				
	outriggers up											5.7*	4.6	4.7	3.7	3.9	2.9				
10.5 m	outriggers down									6.4*	6.4*	5.9*	5.9*	5.4*	5.4*	5.1*	5.1*	4.7*	4.7*		
	outriggers up									6.4*	5.6	5.7	4.5	4.7	3.6	3.8	2.9	3.1	2.3		
9.0 m	outriggers down									6.7*	6.7*	6.1*	6.1*	5.6*	5.6*	5.1*	5.1*	4.8*	4.8*		
	outriggers up									6.7*	5.3	5.5	4.3	4.5	3.5	3.7	2.8	3.1	2.2		
7.5 m	outriggers down							7.8*	7.8*	7.0*	7.0*	6.3*	6.3*	5.7*	5.7*	5.2*	5.2*	4.8*	4.8*	4.5*	4.5*
	outriggers up							7.8*	6.4	6.5	5.1	5.3	4.1	4.4	3.3	3.6	2.7	3.0	2.2	2.5	1.7
6.0 m	outriggers down			11.7*	11.7*	9.7*	9.7*	8.3*	8.3*	7.3*	7.3*	6.5*	6.5*	5.9*	5.9*	5.3*	5.3*	4.9*	4.9*	4.5*	4.5*
	outriggers up			11.7*	10.0	9.7*	7.6	7.6	5.9	6.2	4.7	5.0	3.8	4.2	3.1	3.5	2.5	2.9	2.1	2.4	1.7
4.5 m	outriggers down	16.9*	16.9*	12.9*	12.9*	10.4*	10.4*	8.8*	8.8*	7.6*	7.6*	6.7*	6.7*	6.0*	6.0*	5.5*	5.5*	5.0*	5.0*	4.6*	4.5*
	outriggers up	16.0	12.0	11.7	8.8	8.9	6.8	7.1	5.4	5.8	4.4	4.8	3.6	4.0	2.9	3.3	2.4	2.8	2.0	2.4	1.6
3.0 m	outriggers down	1.9*	1.9*	13.9*	13.9*	11.1*	11.1*	9.3*	9.3*	7.9*	7.9*	7.0*	7.0*	6.2*	6.2*	5.6*	5.6*	5.0*	5.0*	4.6*	4.6*
	outriggers up	1.9*	1.9*	10.4	7.7	8.2	6.1	6.6	4.9	5.4	4.0	4.5	3.3	3.8	2.7	3.2	2.3	2.7	1.9	2.3	1.5
1.5 m	outriggers down			5.7*	5.7*	11.6*	11.6*	9.6*	9.6*	8.2*	8.2*	7.2*	7.1*	6.3*	6.3*	5.6*	5.6*	5.1*	5.1*	4.6*	4.6*
	outriggers up			5.7*	5.7*	7.5	5.4	6.1	4.4	5.1	3.7	4.2	3.1	3.6	2.5	3.1	2.1	2.6	1.8	2.2	1.5
0 m	outriggers down			4.1*	4.1*	11.6*	11.6*	9.8*	9.8*	8.4*	8.4*	7.2*	7.2*	6.4*	6.4*	5.7*	5.7*	5.1*	5.1*	4.5*	4.5*
	outriggers up			4.1*	4.1*	7.0	4.9	5.7	4.1	4.8	3.4	4.0	2.8	3.4	2.4	2.9	2.0	2.5	1.7	2.2	1.4
-1.5 m	outriggers down			4.0*	4.0*	8.9*	8.9*	9.9*	9.9*	8.4*	8.4*	7.3*	7.3*	6.4*	6.4*	5.6*	5.6*	5.0*	5.0*	4.4*	4.4*
	outriggers up			4.0*	4.0*	6.6	4.6	5.4	3.8	4.5	3.2	3.8	2.7	3.3	2.2	2.8	1.9	2.4	1.6	2.1	1.4
-3.0 m	outriggers down			4.4*	4.4*	8.3*	8.3*	9.8*	9.8*	8.3*	8.3*	7.2*	7.2*	6.3*	6.3*	5.5*	5.5*	4.8*	4.8*		
	outriggers up			4.4*	4.4*	6.4	4.4	5.2	3.6	4.4	3.0	3.7	2.5	3.2	2.2	2.8	1.8	2.4	1.6		
-4.5 m	outriggers down			5.0*	5.0*	8.4*	8.5*	9.4*	9.4*	8.1*	8.1*	6.7*	7.0*	6.1*	6.1*	5.3*	5.3*	4.6*	4.6*		
	outriggers up			5.0*	5.0*	6.3	4.3	5.1	3.5	4.3	2.9	3.4	2.5	3.2	2.1	2.7	1.8	2.4	1.6		
-6.0 m	outriggers down					9.0*	9.0*	8.9*	8.9*	7.7*	7.7*	6.6*	6.6*	5.7*	5.7*	5.0*	5.0*				
	outriggers up					6.3	4.4	5.1	3.5	4.3	2.9	3.6	2.4	3.1	2.1	2.7	1.8				

The specified max. loading capacities in tonnes 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 (without tipping cylinder and reversing linkage) 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 hydraulics.

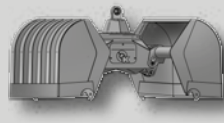
Attachments



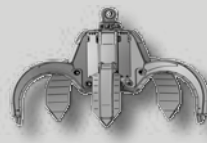
Load hook



Log grab



Clamshell grab



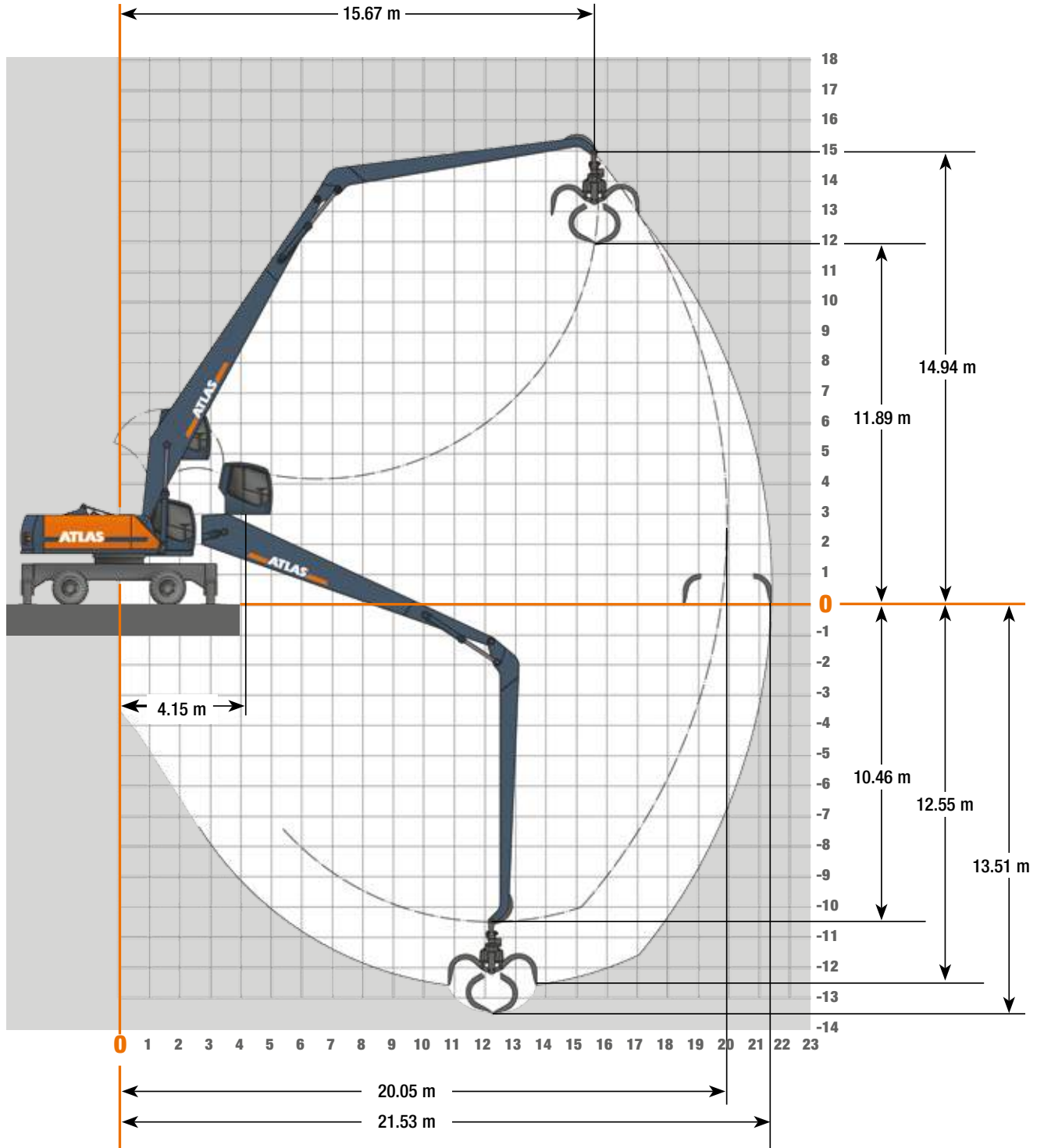
Orange peel grab



Load lifting magnet

WORKING RANGES 520MH

Working Ranges Loading boom 12.10 m (C94.6iD) with Stick 9.24 m (D94.16i)



LIFTING CAPACITIES 520MH

Lifting Capacities Loading boom 12.10 m (C94.6iD) with Stick 9.24 m (D94.16i)

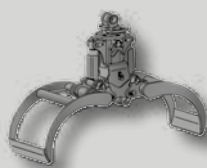
Lifting Capacities Loading boom 12.10 m (C94.6iD) with Stick 9.24 m (D 94.16i). Max. reach 21.53 m																					
HEIGHT		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		15.0 m		16.5 m		18.0 m		19.5 m	
		FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL	FRONT	LATERAL
18.0 m	outriggers down																				
	outriggers up																				
16.5 m	outriggers down																3.8*	3.8*			
	outriggers up																3.8	3.1			
15.0 m	outriggers down																3.8*	3.8*			
	outriggers up																3.8	3.1			
13.5 m	outriggers down																3.9*	3.9*	3.8*	3.8*	
	outriggers up																3.9	3.0	3.3	2.4	
12.0 m	outriggers down														4.2*	4.2*	4.0*	4.0*	3.9*	3.9*	
	outriggers up														4.2*	3.6	3.9	2.9	3.2	2.4	
10.5 m	outriggers down														4.4*	4.4*	4.2*	4.2*	4.0*	4.0*	
	outriggers up														4.4*	3.5	3.8	2.8	3.1	2.3	
9.0 m	outriggers down									5.6*	5.6*	5.1*	5.1*	4.7*	4.7*	4.4*	4.4*	4.1*	4.1*	3.9*	3.9*
	outriggers up									5.6*	5.0	5.1*	4.0	4.3	3.3	3.6	2.7	3.0	2.2	2.5	1.8
7.5 m	outriggers down					8.1*	8.1*	6.9*	6.9*	6.0*	6.0*	5.4*	5.4*	4.9*	4.9*	4.6*	4.6*	4.3*	4.3*	4.0*	4.0*
	outriggers up					8.1*	7.1	6.9*	5.7	6.0	4.6	5.0	3.8	4.1	3.1	3.5	2.5	3.0	2.1	2.5	1.7
6.0 m	outriggers down	2.4*	2.4*	11.4*	11.4*	9.1*	9.1*	7.6*	7.6*	6.5*	6.5*	5.8*	5.8*	5.2*	5.2*	4.8*	4.8*	4.4*	4.4*	4.1*	4.1*
	outriggers up	2.4*	2.4*	10.8	8.0	8.5	6.4	6.8	5.1	5.6	4.2	4.7	3.5	3.9	2.9	3.3	2.4	2.8	2.0	2.4	1.6
4.5 m	outriggers down			6.1*	6.1*	9.9*	9.9*	8.2*	8.2*	7.0*	7.0*	6.1*	6.1*	5.5*	5.5*	5.0*	5.0*	4.6*	4.6*	4.2*	4.2*
	outriggers up			6.1*	6.1*	7.7	5.7	6.3	4.6	5.2	3.8	4.4	3.2	3.7	2.7	3.2	2.2	2.7	1.9	2.3	1.5
3.0 m	outriggers down			4.4*	4.4*	10.6*	10.6*	8.7*	8.7*	7.4*	7.4*	6.4*	6.4*	5.7*	5.7*	5.2*	5.2*	4.7*	4.7*	4.3*	4.3*
	outriggers up			4.4*	4.4*	7.2	5.1	5.9	4.2	4.9	3.5	4.1	3.0	3.5	2.5	3.0	2.1	2.6	1.7	2.2	1.5
1.5 m	outriggers down			4.2*	4.2*	9.2*	9.2*	9.1*	9.1*	7.7*	7.7*	6.7*	6.7*	6.0*	6.0*	5.3*	5.3*	4.8*	4.8*	4.4*	4.4*
	outriggers up			4.2*	4.2*	6.8	4.7	5.6	3.9	4.6	3.3	3.9	2.8	3.4	2.3	2.9	2.0	2.5	1.7	2.2	1.4
0 m	outriggers down			4.5*	4.5*	8.5*	8.5*	9.4*	9.4*	8.0*	8.0*	7.0*	6.9*	6.1*	6.1*	5.4*	5.4*	4.9*	4.9*		
	outriggers up			4.5*	4.5*	6.5	4.5	5.3	3.7	4.5	3.1	3.8	2.6	3.2	2.2	2.8	1.9	2.4	1.6		
-1.5 m	outriggers down			5.1*	5.1*	8.6*	8.6*	9.6*	9.6*	8.1*	8.1*	7.0*	7.0*	6.2*	6.2*	5.5*	5.5*	5.0*	4.9*		
	outriggers up			5.1*	5.1*	6.4	4.4	5.2	3.6	4.3	3.0	3.7	2.5	3.2	2.1	2.7	1.8	2.4	1.6		
-3.0 m	outriggers down			5.6*	5.9*	9.1*	9.1*	9.6*	9.6*	8.2*	8.2*	7.1*	7.1*	6.2*	6.2*	5.5*	5.5*				
	outriggers up			5.6*	5.6	6.3	4.3	5.1	3.5	4.3	2.9	3.6	2.4	3.1	2.1	2.7	1.8				
-4.5 m	outriggers down			6.7*	6.7*	9.9*	9.9*	9.5*	9.5*	8.1*	8.1*	7.0*	7.0*	6.1*	6.1*	5.3*	5.3*				
	outriggers up			6.7*	5.7	6.4	4.4	5.1	3.5	4.3	2.9	3.6	2.4	3.2	2.1	2.7	1.8				
-6.0 m	outriggers down					10.8*	10.8*	9.1*	9.1*	7.8*	7.8*	6.7*	6.7*	5.8*	5.8*						
	outriggers up					6.5	4.5	5.2	3.6	4.3	3.0	3.7	2.5	3.2	2.1						

The specified max. loading capacities in tonnes 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 (without tipping cylinder and reversing linkage) 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 hydraulics.

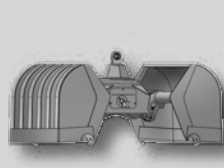
Attachments



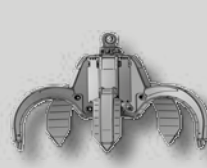
Load hook



Log grab



Clamshell grab



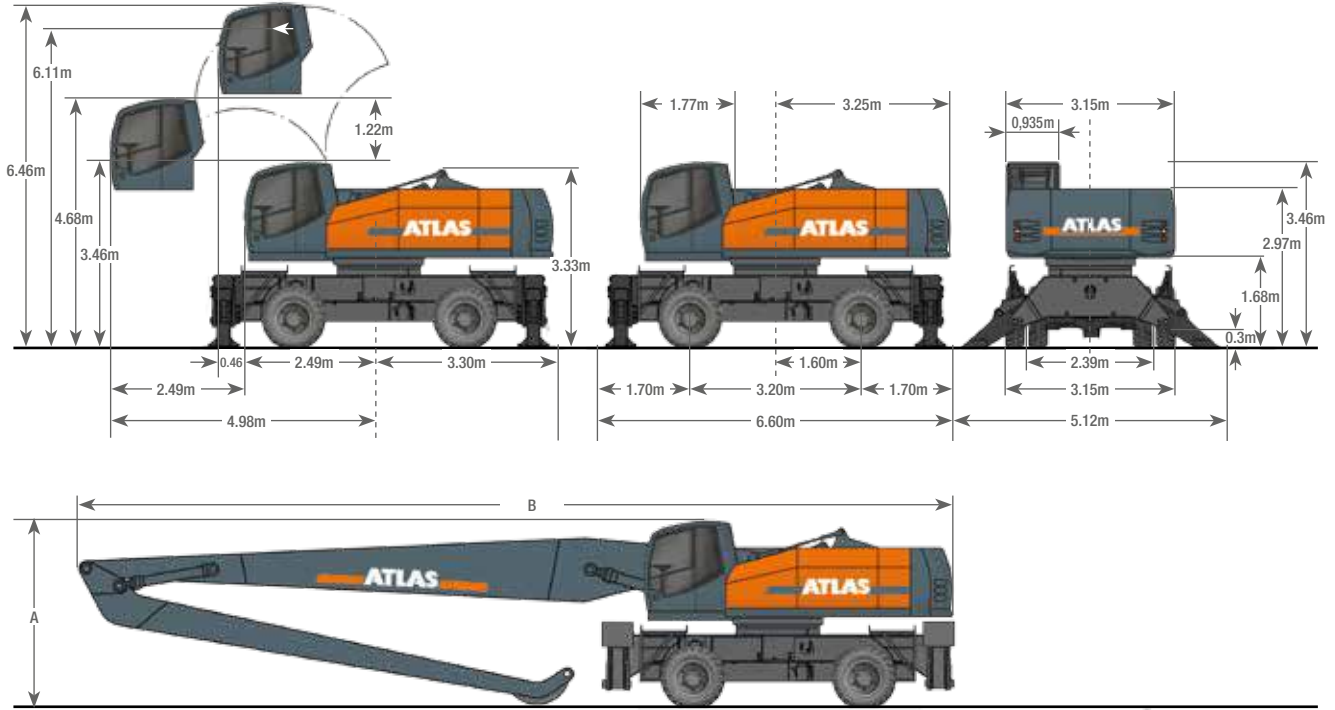
Orange peel grab



Load lifting magnet

DIMENSION 520MH

Dimensions



A	TRANSPORT HEIGHT	B	TRANSPORT LENGTH
	Loading boom 9.80 m (C94.5i) with Stick 7.50 m (D94.15i).....3.46 m		Loading boom 9.80 m (C94.5i) with Stick 7.50 m D94.15i).....14.10 m
	Loading boom 12.10 m (C94.6i) with Stick 9.24 m (D94.16i).....3.46 m		Loading boom 12.10 m (C94.6i) with Stick 9.24 m (D94.16i).....16.40 m
	Loading boom 12.10 m (C94.6id) with Stick 9.24 m (D94.16i).....3.47 m		Loading boom 12.10 m (C94.6id) with Stick 9.24 m D94.16i)..... 16.23 m



www.atlasgmbh.com

ATLAS GmbH
 EXCAVATORS
 Atlasstrasse 6
 27777 Ganderkesee, Germany
 T: +49 (0) 4222 954 0
 F: +49 (0) 4222 954 343
 info@atlasgmbh.com