

100
ATLAS 1919 - 2019

ATLAS
SINCE 1919

 53 - 57 t

 230 kW (313 HP)

EU Stage V

 18.1 - 21.9 m

**FAST.
RELIABLE.
VERSATILE.**



**MATERIAL HANDLING
MACHINE 520MH**

WWW.ATLASGMBH.COM

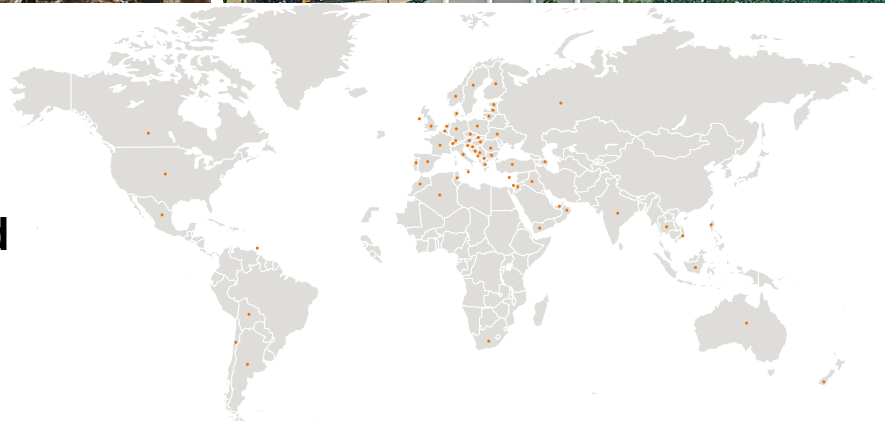
ATLAS – CONSTRUCTION MACHINERY MANUFACTURER WITH TRADITION

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

520MH





**EXTENSIVE DEALER NETWORK
EXCELLENT SERVICE
CUSTOMER FOCUSED**

ATLAS - The new excavator cabin



The new ATLAS cabin – Best climate, sharp display, digital and direct, more space, best view, extremely quiet, feel good

Clear control panel – Direct selection via keys or digital control via button.....



Move safely: Standard lateral- and rear view cameras



Most powerful air conditioning system - short airways - large lines - cross sections - silent



Best view – especially to the right



ATLAS SINCE 1939 - The new excavator cabin

Stay communicated - radio with USB connection - mobile phone tray by the left joystick



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



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



If thirsty: Close at hand and quickly released



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



TECHNICAL SPECIFICATION 520MH

ENGINE

Power rating.....230 kW (313 HP)	Bore / cylinder stroke 101 / 136	STANDARD BASIC EQUIPMENT:
RPM 1800/min	Cooling system Water-cooled	• Automatic idling system / Engine stop
Model..... Deutz / TCD 7.8 L6 EU Stage V	Air filter..... Dry air filter	• Cold start assistance
Design..... Turbocharger / intercooler	Battery 2 x 12 V / 143 Ah	• Diesel pre-filter
Cylinder capacity 7800 cm ³	Generator 28.5 V / 100 A	• Engine monitoring
Number of cylinders 6	Starter..... 24 V / 4.0 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..... 2 x 380 l/min	F3 (Power)
• Primary and secondary protection against overload	• Max. operating pressure 360 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 164 kNm
• Planetary transmission	• Two, two-stage valves	• Max. swing speed 5.2/min

TRACTION DRIVE AND BRAKES

• Variable displacement motor	• Automotive traveling and cruise control:	• Tractive force..... 145 kN
• Manual gearbox	• Max. speed 16 km/h	• Gradeability 5.0 %
• 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: Mitas 12.00-20
• Additional axis locking via left joystick	• Toolbox in undercarriage	

WORKING EQUIPMENT 520MH

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 70 dB(A) • 2000/14 EG (L_wA) ambience level 105 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 tank920 litres	• Engine oil.....21 litres	• Hydraulic system..... 1400 litres
• Cooling system.....53 litres	• Hydraulic tank720 litres	• Ad Blue®50 litres

OPERATING WEIGHTS

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

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

ATTACHMENTS

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

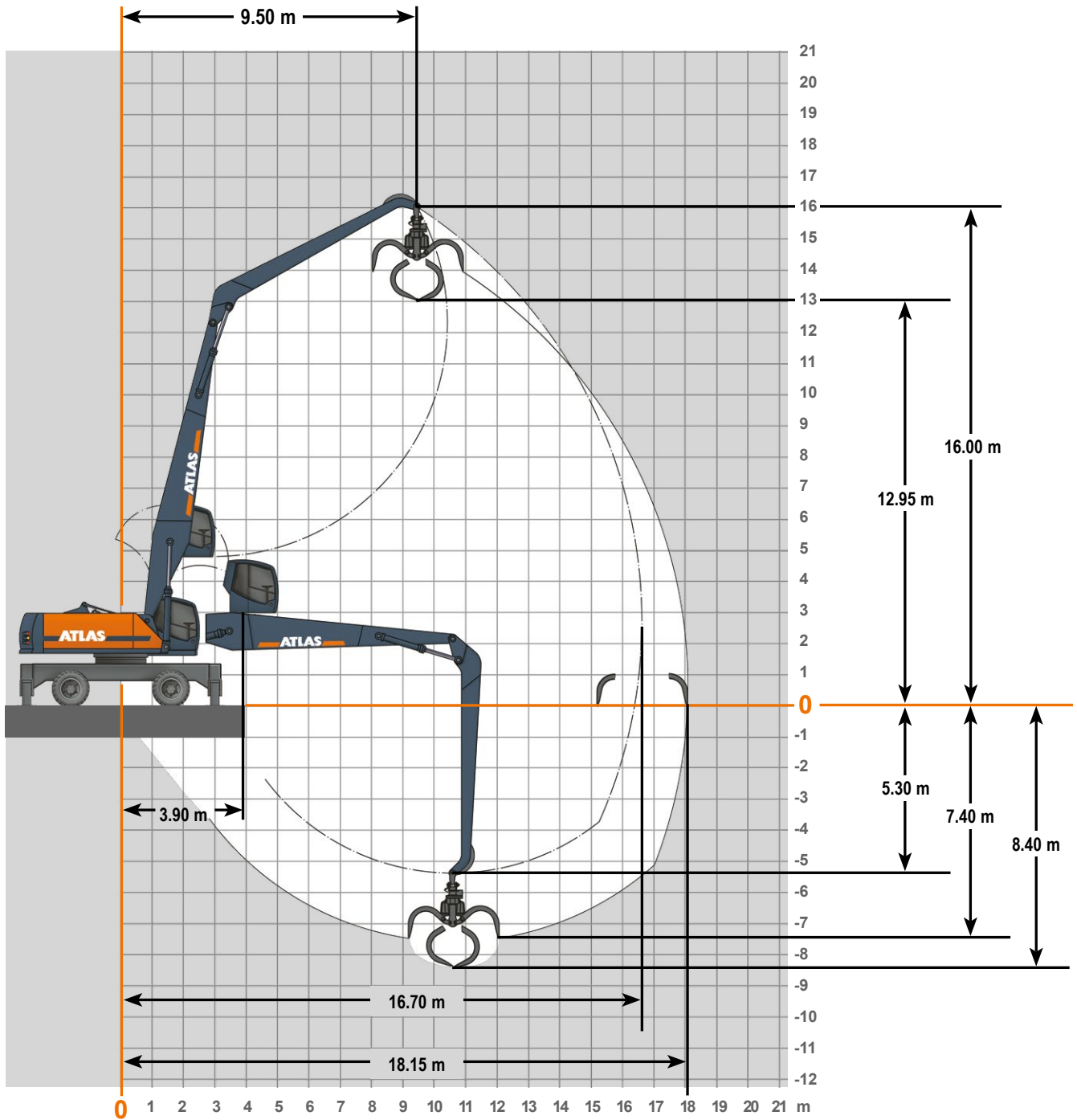


RELIABLE – BECAUSE EVERY MINUTE COUNTS

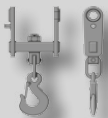
Our market leadership is based on our well-proven technology tried and tested a thousand times over in the most arduous applications. High-tensile steels, robust electric and electronic components as well as excellent workmanship in all hydraulic components ensure that the material handler is the reliable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

WORKING RANGES 520MH

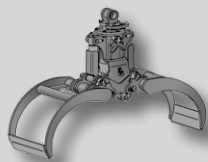
Loading boom 9.80 m (C94.5i) with Stick 7.50 m (D94.15i)



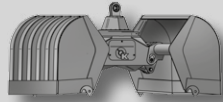
Attachments



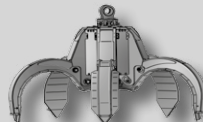
Load hook



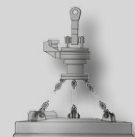
Log grab



Clamshell grab



Orange peel grab



Load lifting magnet

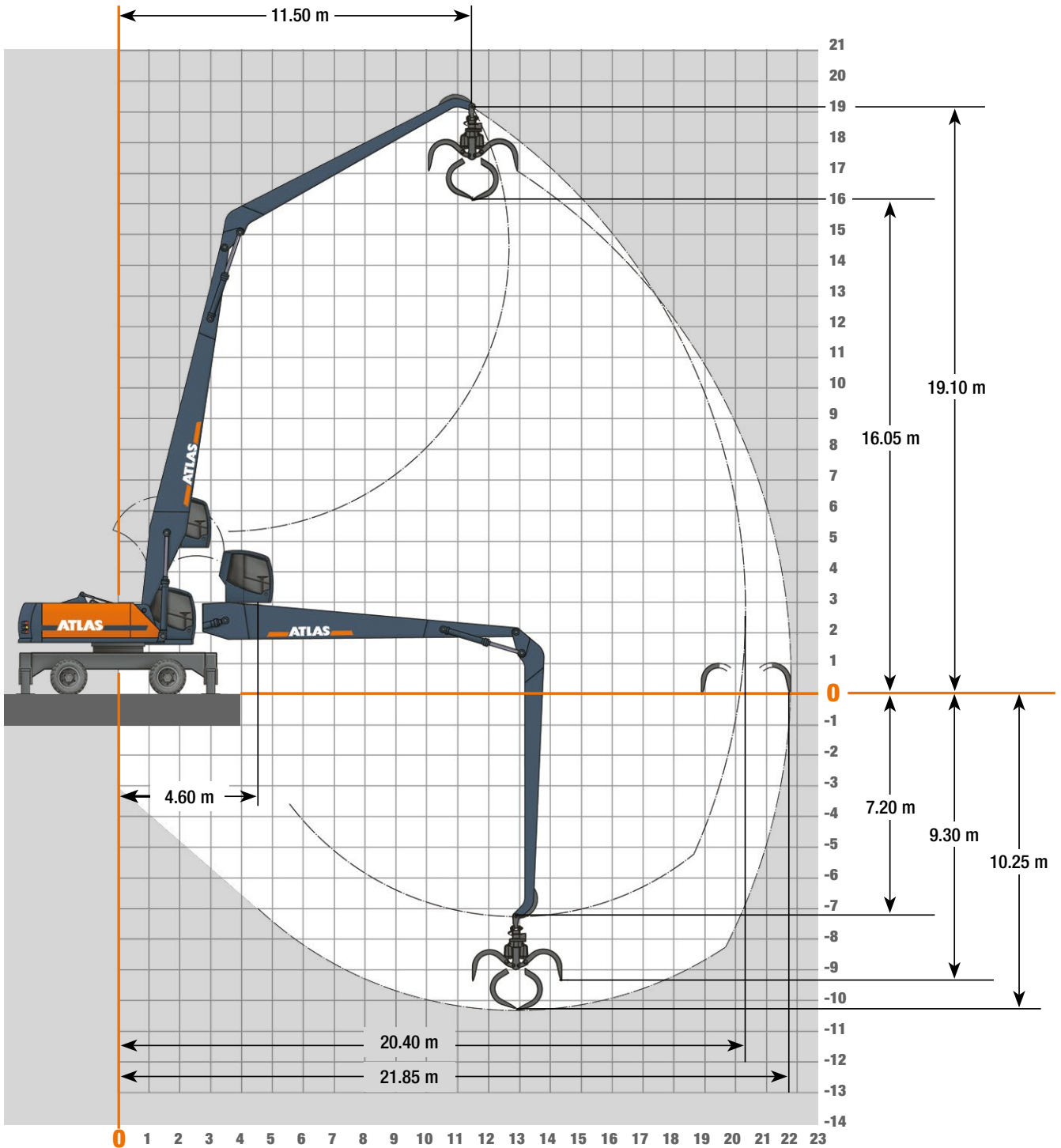
LIFTING CAPACITIES 520MH

Lifting Capacities Loading boom 9.80 m (C94.5i) with Stick 7.50 m (D 94.15i). Max. reach 16.70 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																				
	outriggers up																				
15.0 m	outriggers down							7.9	7.9												
	outriggers up							7.9	6.9*												
13.5 m	outriggers down							7.7	7.7	7.3	7.3										
	outriggers up							7.7	7.1*	7.0*	5.6*										
12.0 m	outriggers down							7.6	7.6	7.2	7.2										
	outriggers up							7.6	7.1*	7.0*	5.6*										
10.5 m	outriggers down							7.8	7.8	7.2	7.2	6.8	6.8								
	outriggers up							7.8	7.0*	7.0*	5.6*	5.7*	4.5*								
9.0 m	outriggers down							8.0	8.0	7.4	7.4	6.9	6.9	6.5	6.5						
	outriggers up							8.0	6.9*	6.9*	5.5*	5.7*	4.4*	4.7*	3.6*						
7.5 m	outriggers down					9.4	9.4	8.4	8.4	7.7	7.7	7.1	7.1	6.6	6.6						
	outriggers up					9.4	8.5*	8.4*	6.7*	6.8*	5.3*	5.6*	4.3*	4.6*	3.6*						
6.0 m	outriggers down			11.8	11.8	10.1	10.1	8.9	8.9	8.0	8.0	7.3	7.3	6.7	6.7						
	outriggers up			11.8	10.7*	10.1	8.1*	8.1*	6.4*	6.6*	5.1*	5.4*	4.2*	4.5*	3.5*						
4.5 m	outriggers down	16.6	16.6	13.1	13.1	10.9	10.9	9.4	9.4	8.3	8.3	7.5	7.5	6.8	6.8						
	outriggers up	16.6	13.5*	12.7*	9.9*	9.7*	7.6*	7.7*	6.0*	6.3*	4.9*	5.3*	4.1*	4.4*	3.4*						
3.0 m	outriggers down	18.8	18.8	14.4	14.4	11.7	11.7	9.9	9.9	8.7	8.7	7.7	7.7	6.9	6.9						
	outriggers up	16.0*	12.1*	11.8*	9.0*	9.2*	7.1*	7.4*	5.7*	6.1*	4.7*	5.1*	3.9*	4.3*	3.3*						
1.5 m	outriggers down	5.8	5.8	15.3	15.3	12.3	12.3	10.3	10.3	8.9	8.9	7.8	7.8	7.0	7.0						
	outriggers up	5.8	5.8	11.1*	8.3*	8.7*	6.6*	7.1*	5.4*	5.9*	4.5*	4.9*	3.7*	4.2*	3.2*						
0 m	outriggers down	4.7	4.7	14.0	14.0	12.7	12.7	10.6	10.6	9.1	9.1	7.9	7.9	7.0	6.9*						
	outriggers up	4.7	4.7	10.5*	7.8*	8.3*	6.3*	6.8*	5.1*	5.7*	4.3*	4.8*	3.6*	4.1*	3.1*						
-1.5 m	outriggers down	5.1	5.1	11.4	11.4	12.7	12.7	10.6	10.6	9.1	9.1	7.8	7.8	6.8	6.8						
	outriggers up	5.1	5.1	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	6.1	6.1	11.2	11.2	12.4	12.4	10.4	10.4	8.9	8.9	7.6	7.6	6.5	6.5						
	outriggers up	6.1	6.1	10.1*	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			12.0	12.0	11.7	11.7	9.9	9.9	8.4	8.4	7.1	7.1								
	outriggers up			10.1*	7.4*	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.

WORKING RANGES 520MH

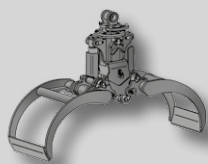
Loading boom 12.10 m (C94.6i) with Stick 9.24 m (D94.16i)



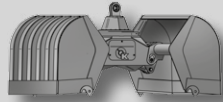
Attachments



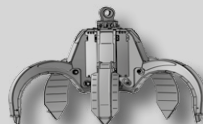
Load hook



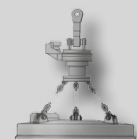
Log grab



Clamshell grab



Orange peel grab



Load lifting magnet

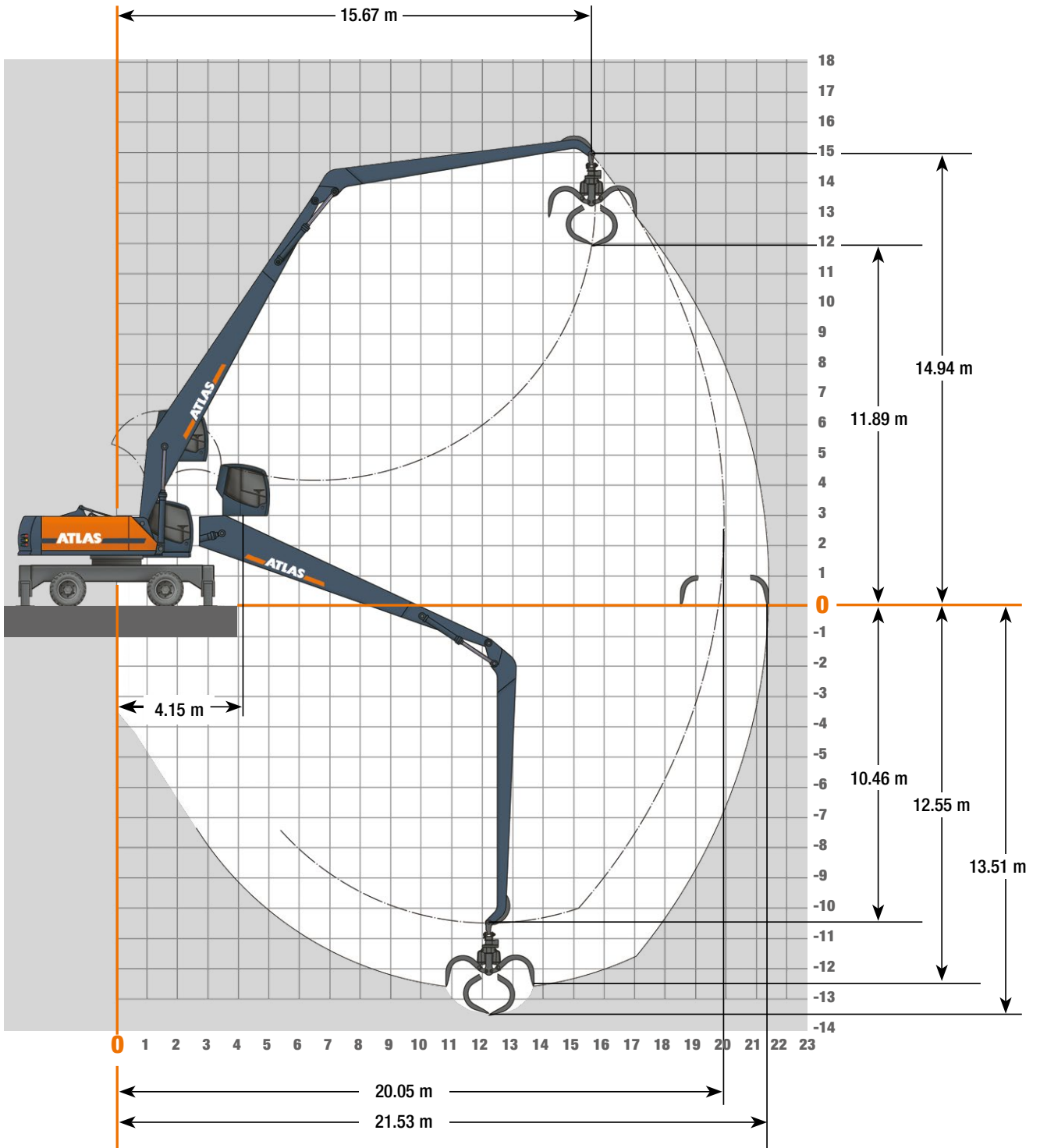
LIFTING CAPACITIES 520MH

Lifting Capacities Loading boom 12.10 m (C94.6i) with Stick 9.24 m (D 94.16i). Max. reach 21.85 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											5.3	5.3								
	outriggers up											5.3	4.6*								
15.0 m	outriggers down											5.2	5.2	4.9	4.9						
	outriggers up											5.2	4.6*	4.8*	3.7*						
13.5 m	outriggers down											5.2	5.2	4.9	4.9	4.6	4.6				
	outriggers up											5.2	4.6*	4.8*	3.7*	3.9*	2.9*				
12.0 m	outriggers down											5.3	5.3	4.9	4.9	4.6	4.6				
	outriggers up											5.3	4.6*	4.7*	3.7*	3.9*	2.9*				
10.5 m	outriggers down									5.9	5.9	5.4	5.4	5.0	5.0	4.6	4.6	4.3	4.3		
	outriggers up									5.9	5.6*	5.4	4.5*	4.7*	3.6*	3.8*	2.9*	3.2*	2.3*		
9.0 m	outriggers down									6.2	6.2	5.6	5.6	5.1	5.1	4.7	4.7	4.3	4.3		
	outriggers up									6.2	5.4*	5.5*	4.3*	4.5*	3.5*	3.7*	2.8*	3.1*	2.3*		
7.5 m	outriggers down							7.2	7.2	6.4	6.4	5.8	5.8	5.2	5.2	4.8	4.8	4.4	4.4	4.1	4.1
	outriggers up							7.2	6.4*	6.4	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			10.8	10.8	9.0	9.0	7.7	7.7	6.7	6.7	6.0	6.0	5.4	5.4	4.9	4.9	4.5	4.5	4.1	4.1
	outriggers up			10.8	10.1*	9.0	7.6*	7.7	6.0*	6.2*	4.8*	5.1*	3.8*	4.2*	3.1*	3.5*	2.6*	2.9*	2.1*	2.5*	1.7*
4.5 m	outriggers down	15.5	15.5	11.8	11.8	9.6	9.6	8.1	8.1	7.0	7.0	6.2	6.2	5.5	5.5	5.0	5.0	4.5	4.5	4.1	4.1
	outriggers up	15.5	12.2*	11.8*	9.0*	9.0*	6.9*	7.2*	5.5*	5.8*	4.4*	4.8*	3.6*	4.0*	2.9*	3.4*	2.4*	2.8*	2.0*	2.4*	1.6*
3.0 m	outriggers down	2.3	2.3	12.8	12.8	10.2	10.2	8.5	8.5	7.3	7.3	6.4	6.4	5.6	5.6	5.1	5.1	4.6	4.6	4.1	4.1
	outriggers up	2.3	2.3	10.5*	7.8*	8.2*	6.2*	6.6*	5.0*	5.4*	4.0*	4.5*	3.3*	3.8*	2.7*	3.2*	2.3*	2.7*	1.9*	2.3*	1.6*
1.5 m	outriggers down	8.1	8.1	6.1	6.1	10.6	10.6	8.8	8.8	7.5	7.5	6.5	6.5	5.7	5.7	5.1	5.1	4.6	4.6	4.1	4.1
	outriggers up	8.1	8.1	6.1	6.1	7.6*	5.5*	6.2*	4.5*	5.1*	3.7*	4.3*	3.1*	3.6*	2.6*	3.1*	2.1*	2.6*	1.8*	2.2*	1.5*
0 m	outriggers down			4.2	4.2	10.9	10.9	9.0	9.0	7.6	7.6	6.6	6.6	5.8	5.8	5.1	5.1	4.6	4.6	4.1	4.1
	outriggers up			4.2	4.2	7.0*	5.0*	5.8*	4.1*	4.8*	3.4*	4.0*	2.9*	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	9.1	9.1	9.0	9.0	7.7	7.7	6.6	6.6	5.8	5.8	5.1	5.1	4.5	4.5	4.0	4.0
	outriggers up			4.0	4.0	6.6*	4.6*	5.5*	3.8*	4.6*	3.2*	3.9*	2.7*	3.3*	2.3*	2.8*	1.9*	2.5*	1.6*	2.1*	1.4*
-3.0 m	outriggers down			4.3	4.3	8.3	8.3	8.9	8.9	7.6	7.6	6.6	6.6	5.7	5.7	5.0	5.0	4.4	4.4		
	outriggers up			4.3	4.3	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			4.9	4.9	8.4	8.4	8.6	8.6	7.4	7.4	6.4	6.4	5.5	5.5	4.8	4.8	4.2	4.2		
	outriggers up			4.9	4.9	6.3*	4.3*	5.1*	3.5*	4.3*	2.9*	3.6*	2.5*	3.1*	2.1*	2.7*	1.8*	2.4*	1.6*		
-6.0 m	outriggers down					8.9	8.9	8.2	8.2	7.0	7.0	6.1	6.1	5.2	5.2	4.5	4.5				
	outriggers up					6.3*	4.3*	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.

WORKING RANGES 520MH

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



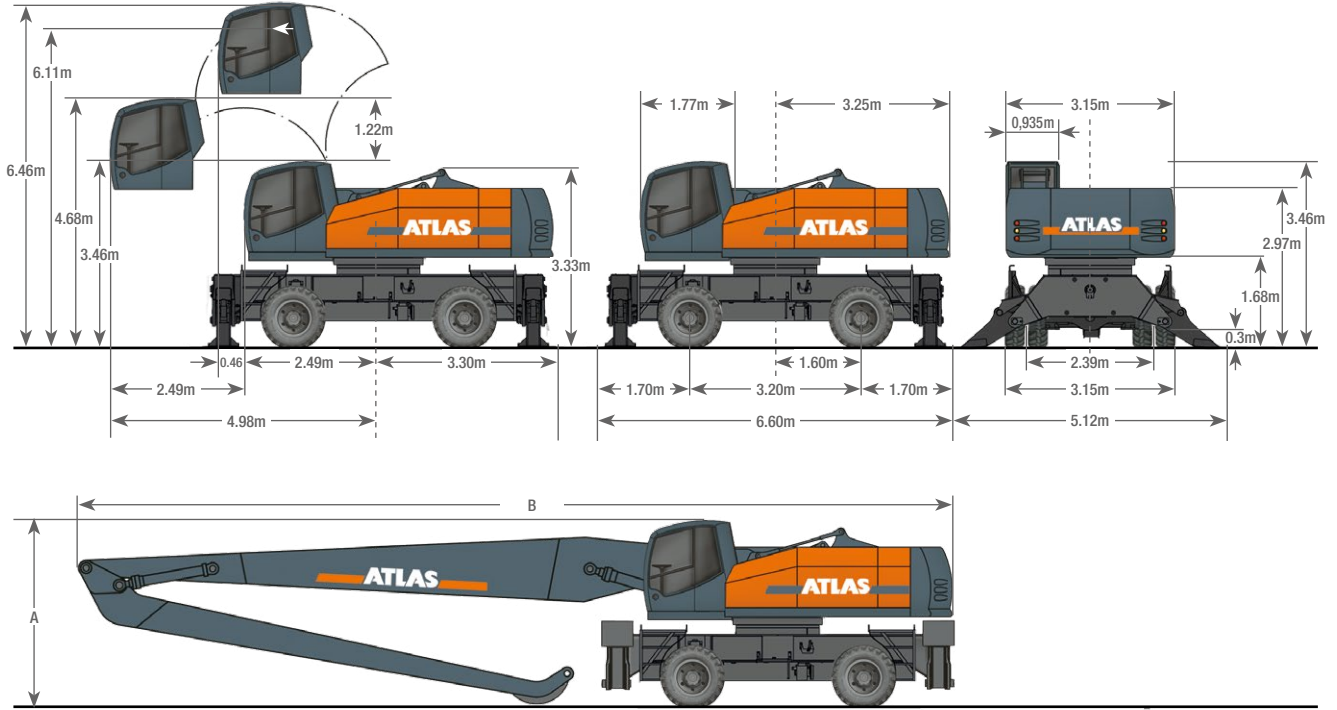
LIFTING CAPACITIES 520MH

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

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DIMENSION 520MH

520MH Transport position



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



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