

ATLAS 5W3T

ATLAS
MADE IN GERMANY. SINCE 1919.



OPERATING WEIGHT	14.6 - 15.2 TONS
ENGINE POWER	95 KW
BUCKET CAPACITY	0.3 - 1.0 M³

ATLAS FOR HIGHER EFF

Experience the culmination of over 100 years of expertise: a perfected design, meticulous attention to detail, and engineering built to last. As a highly efficient and competent manufacturer of premium construction machinery in Germany, ATLAS develops loader cranes, excavators, and material handlers – **all custom-built to exacting specifications**. ATLAS is the machine of choice for the toughest applications and for those who demand uncompromising quality.

ATLAS POWER OF INNOVATION.
MADE IN GERMANY.

R EFFICIENCY.

“For more than a century, our highly motivated employees have devoted themselves to the design and manufacture of tailor-made excavators and cranes that serve to increase productivity while simultaneously lowering your total cost of ownership. The proof of our dedication is reflected in working tenaciously every day in order to create innovative solutions for both old and new challenges. This tradition, which extends over generations, demonstrates our continuous commitment to developing high-quality machines that meet the ever-changing requirements and challenges of our time.”



Brahim Stitou, CEO



SWEST



BUILT RIGHT.

**STATE-OF-THE-ART SOLUTIONS TAILORED TO YOUR SPECIFIC NEEDS.
ECO-FRIENDLY, VERSATILE, AND EASY TO OPERATE.
ATLAS CONSTRUCTION MACHINERY – MADE IN GERMANY –
FOR MORE THAN 100 YEARS .**

// We aim to impress...

Our 100 years of experience has taught us to think big in order to succeed. Our success lies in the combination of productivity, efficiency, and technological supremacy gleaned from carefully listening to our customers. From standard models all the way to custom-engineered designs – we have the best solution for any challenge.

We utilize state-of-the-art ideas and innovative concepts for construction machinery that meets the highest standards in a wide range of applications.

The result is indeed impressive: our unique 135Wsr.

OPERATING WEIGHT	14.6 - 15.2 TONS
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ENGINE POWER	95 KW
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BUCKET CAPACITY	0.3 - 1.0 M³
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THAT'S WHAT AN ATLAS IS ALL ABOUT.

COMFORTABLE REFUELING

Refueling of the 135Wsr is now comfortably done from the ground without the need to access the excavator, making the process faster and also safer. Direct access from the ground saves valuable time and improves ergonomics for the operator.

USER-FRIENDLY SERVICE

When developing the ATLAS 135Wsr, we made maintenance easy. **Easily accessible components** reduce downtime as well as maintenance cost and allow for fast replacement should the need arise. The **optional telemetric system** provides all relevant data of the machine.

UNIQUE UNDERCARRIAGE DESIGN

Our custom undercarriage design combined with an enhanced, powerful drive motor, **maximum stability**, and **excellent off-road performance** excels in a variety of conditions.

HIGHER EFFICIENCY

Perfectly matched components make the powerful engine run at top performance. The ATLAS 135Wsr features **a long service life, low fuel consumption, and impressive performance.**



OPTIMUM SAFETY

A large cab door and non-slip steps ensure **safer access to the cab**. The cab's **lighting** increases visibility. **ROPS and FOPS safety measures** are incorporated in the cab design to protect your most valuable asset – your people.

POWERFUL HYDRAULICS

With the efficient hydraulics, operators can literally feel the **power** of our 135Wsr. maximum output very fast. Our full pilot controls allow effortless changing from demanding tasks **at full speed to precision tasks with ease** – even under load.

UPTIME – ALL THE TIME

We combine **high-quality components** matched to our demanding specifications with a **robust design** – the result is a reliable machine with predictable performance. Our **telemetric system** provides all relevant data to help companies see what's happening.

A CAB FOR ALL

A spacious cab with the perfect combination of ergonomic controls and operating comfort featuring **outstanding visibility** for higher safety, **air conditioning for clean cool filtered air**, as well as an **ergonomically adjustable seat** to reduce work fatigue.

ATTACHMENTS DESIGNED AND BUILT IN HOUSE

Our in-house designed **attachments** allow for **greater flexibility** and tailored solutions and are built to last. Our **quick-coupling system** originates from our production as well.



COMPACT. AGILE. AND QUIET.



EXCELLENT MANEUVERABILITY IN CONFINED SPACES

With a swing range of 1.62 meters, this agile excavator is perfectly suited for any job. Whether in difficult terrain or on the most confined construction sites, the ATLAS 135Wsr sets the bar for maneuverability very high and **makes it the best in its class!**



BOOM WITH VARIOUS WORKING LENGTHS

Always the ideal working length! The ATLAS 135Wsr is widely useful: From short booms for precise operation all the way to longer booms for more reach, ATLAS excavators adapt to any need – no challenge is out of reach!



LOW NOISE LEVEL – IN AND OUT

The special sound-proofing of the cab produces a quieter and healthier workplace, allowing increased focus for the job at hand. Our bearings and engines emit reduced sound levels as well, making it a better place to work for those inside and outside the cab..



1.62 meters

**The shortest swing
range of its class!**

A LEADING EDGE IN EVERY DETAIL.

ADMITTEDLY, WE ARE A BIT PROUD: THE ATLAS 135WSR IS THE TAILOR-MADE RESPONSE TO CUSTOMER REQUESTS AND FUTURE REQUIREMENTS. THIS MACHINE IS THE RESULT OF MANY YEARS OF PASSIONATE DEVELOPMENT.

Our goal: Besides allowing for increased productivity, a better and superior safety, we aim to create a powerful and agile machine in a compact format that thrives in any environment. With the ATLAS 135Wsr, we achieved this and again adopt a front-runner approach at "standard customized" solutions.

This machine is strong, sensitive, maneuverable, and stable, as well as comfortable and safe. Guided by a commitment to quality and without compromise, we left nothing to chance.

Consistent design engineering, applied throughout from boom to accessories and down to the smallest detail, produced this impressive result!



UNOBSTRUCTED VIEW

// Cab with 360° visibility

The large-scale glazing of the cab with a very large front window, undivided side window panes that angle down, and a low-slung rear window ensures that the operator has an unobstructed 360-degree view of the working environment. This makes the cab an ergonomic and safe workplace that supports precise operation.



// Rear view camera

Rear and right-side cameras for monitoring the surroundings are standard. When rotating the machine, in particular in confined spaces, you can see everything all right from the screen. **SAFETY!**



// Easy-to-read camera display

A large and easy-to-read camera display, without unnecessary details, makes it easy to see and control in all weather conditions.

EASY ACCESS FOR SERVICE



// Easy maintenance

A service-friendly machine design with large wide-opening service panels lowers operating costs by allowing for easy access to all the major components.

All service points, such as measuring points, filter exchange, and cleaning of cooling surfaces, **are readily accessible**.

// Integrated oil level sensor

The 135Wsr features an integrated engine oil level sensor and display that indicates the engine oil volume so the operator can always keep an eye on everything.

RUNNING SMOOTHLY



// Central lubrication points

All necessary lubrication areas are easily accessible as well.

STOWED WELL



// Tools always on board

The toolbox on the undercarriage allows for ergonomically storing the right tools at the right place for faster response.

EVERYTHING ON BOARD



// Trailer hitching device

With the trailer hitching device, the ATLAS 135Wsr can tow trailers of up to 3 tons – with overrun brake even up to 8 tons, allowing to take along all tools and the required equipment to the job location.

EFFICIENT OPERATION



// Automatic service brake

Thanks to the automatic service brake, work can start right away after stopping. Service brake and axle lock are automatically activated as soon as the machine is at a standstill.

REFUELLING

// Refueling

Refueling the 135Wsr is done comfortably from the ground, which speeds up the process and saves valuable time. It also ensures ergonomics and safety for the operator.

FEEL GOOD CAB

WITH ONE OF THE INDUSTRY'S MOST COMFORTABLE WORKPLACES, ATLAS CABS FEATURE 360-DEGREE PANORAMIC VIEWS, EASY-TO-READ GAUGES, ERGONOMIC CONTROLS, LOW NOISE LEVELS, AND EXCELLENT VENTILATION.

Get on board, get comfortable, and get started! The cabs of our agile and powerful ATLAS 135Wsr are the envy of the industry.

Special emphasis is placed on clear arrangement, health, comfort, and functionality. With non-slip steps and wide access, our cabs are easy to enter and exit.

The seat is ergonomically designed, made from premium materials, and available in various designs – from the pneumatic suspension, lumbar support and headrests to individual adjustments, our seats keep the operator comfortable. And for those cold days and nights, heated seats are standard.

The comfort doesn't end there. Ranging from the adjustable control panel and the ergonomic joystick, all control levers and switches are within reach. The automatic climate control not only provides for cooling but also ensures warmth in any environment. With our superior filtration system, both the cab and the operator are safe with clean dust-free air. All of this is easily controlled via the display.

In this state-of-the-art and fully-equipped cab, all control levers are clearly arranged.

The large-scale glazing of the cab ensures that the operator has an unobstructed view of the working environment. This makes the cab an ergonomic and safe workplace that supports precise operation all day long.







**A CAB DESIGNED
PERFECTLY
FOR EVERYONE**



// Multifunctional panel

Small, clearly arranged and made for quick access. The optimized design of the push buttons and switches makes our machines easy to operate.



// Air conditioning

Our advanced design and ventilation system provides clean air at the right temperature.



// Monitor with side and rear-view camera

The monitor ensures maximum safety thanks to a bright screen – in particular when rotating and working in confined spaces.



// Smartphone tray with USB port

Stay connected and charged while working.



// Non-slip flooring

Our floors are slip resistant and ensure secure footing, even if you are in a hurry.



// Lever in the console

Discover the option to steer the machine via our control lever located on the panel. Precise, ergonomic and user-friendly.



// Comfortable joystick

With a simple uncluttered design, our joystick moves ergonomically with the seat – and fits any hand.



// Bottle holders

Like any modern vehicle, our cabs include space for your drinks within easy reach to stay safe and hydrated.



// Stow-away front window

The lower part of the front window can be opened and easily stowed for those times that clear visibility or direct communication is needed for safety.







ENGINE



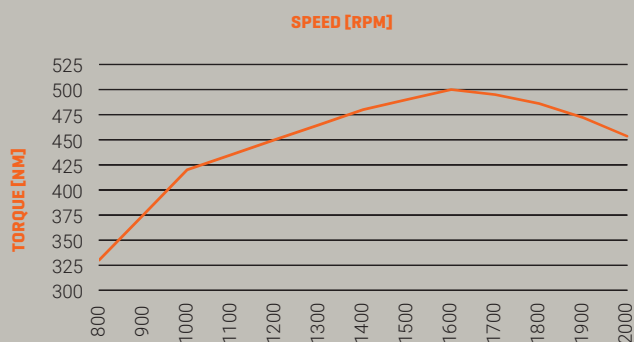
Deutz

// TCD 3.6 L4 – intelligent and efficient

Since ATLAS was established, we are convinced of the quality of Deutz engines. This is why the water-cooled 4-cylinder inline engine with turbocharging and with charge air-cooling and exhaust after-treatment (EAT) is the key component of the 135Wsr, too. The powerful Deutz Common-Rail (DCR®) high-pressure injection system and electronic engine control (EMR 5) with smart connection to the drive management ensure highest engine performance at lowest consumption.

// Compliance with emission standards:

EU-stage 5 and US EPA Tier 4 with
DOC / DPF / SCR TIER IV final and EU-stage 5.



// Use of synthetic fuels

The 135Wsr can be operated using synthetic fuels – another benefit that is not only good for the environment but offers an additional competitive advantage when bidding on eco-friendly tenders.

HYDRAULIC SYSTEM



Bosch Rexroth

The hydraulic system ensures quick response times by providing maximum utilization of the available engine performance and yet, the Bosch Rexroth hydraulic system provides movements independent of the load via an electronically controlled pump and load-independent flow distribution (LUDV). This intelligent performance control ensures high flow distribution, combined with proportional work functions.

For enhanced efficiency, the hydraulics feature multiple work modes selectable from inside the cab. For maximum operating performance, a power boost is available as well.

AXLES



ZF

The combination of frame, axles and transmission provides the perfect consolidation of power and enhanced stability, while the robust frame structure ensures higher uptime and a long service life of the machine.

The heavy-duty axle includes a lock for driving across a variety of terrain. The pendulum axle design can be controlled automatically or manually.

SWING SYSTEM



Thyssen Krupp – Rothe Erde

Thanks to internal gearing and sealed ball bearings, the ball bearing slewing ring from Rothe Erde is an ideal and cost-effective solution. The design is resistant to major torque fluctuations at all times.

ATTACHMENT TOOLS



ATLAS

ATLAS offers a wide range of attachment tools for the most diverse requirements –all designed **by us**.

This provides you with plenty of benefits:

Very wear-resistant – thanks to the use of high-tensile steels and a solid construction.

Maximum efficiency – all attachment tools are specifically designed for your excavator model and will fit perfectly.

Certified – according to the applicable safety standards

Guaranteed – with full warranty coverage and support

Added value – enhanced resale value

It has been proven: The use of high-quality attachment tools can help to reduce fuel consumption and emissions, aiding the environment.

Scan QR code to go directly
to the attachment tools:



TECHNICAL DATA

ENGINE

Power net (ISO 9249)	95 kW (129 HP)
Model	Deutz TCD 3.6 L4 EU Stage V
Type	Turbocharger/intercooling
Displacement	3621 cm ³
Number of cylinders	4
Bore/cylinder stroke	98 / 120
Cooling system	water-cooled
Air filter	Dry air filter
Battery	2 x 12 V / 100 Ah
Generator	28 V / 100 A
Starter	24 V / 4 kW
Standard Basic equipment	automatic idling system/ engine stop cold-starting aid Diesel pre-filter Engine monitoring

HYDRAULIC SYSTEM

AWE 5 System (Load Sensing)
Load-limit controlled high-performance pump
Fuel-efficient flow-on-demand control
Sensitive, proportional, independent control
Primary and secondary protection against overload
Suction valves for all work functions
Holding valves for lift and articulated cylinders
Proportional grab and grab rotating function
Three additional circuits for auxiliary consumers possible
max. 234 l/min flowrate
max. 320 bar operating pressure
Cylinder end position damping
Operating modes
F1 (Fine) - mode for especially accurate operation
F2 (Eco) - mode for especially economic and environmentally-friendly operation
F3 (Power) - mode for high performance at lower fuel consumption
Accumulator for emergency lowering of the arm system
Load-limit control

SWING SYSTEM

Axial piston motor with priority valve	
Planetary transmission	
Automatically controlled multi-disc parking brake	
Two-stage valves	
Slewing torque	34 kNm
Upper structure rotation speed	continuous 0-9/min

TRAVEL DRIVE + BRAKES

Variable speed drive motor	
Powershift transmission	
Double-acting brake valve	
Travel direction pre-selection via switch on joystick	
Automotive traveling and cruise control	
Max. speed	
Road	20 km/h
Off-road speed	5 km/h
Crawling speed road	3,5 km/h
Traction	82 kN
Gradeability	65 %
Dual-circuit brake system	multi-disc
Parking brake	multi-disc

UNDERCARRIAGE

Steering axle with manual and automatic pendulum axle locking
Additional axle locking via left joystick
Heavy-duty axles
Toolbox on undercarriage
STD tires: Mitas 9.00-20 (x8) NB38 extra

VIBRATION EMISSION *

Hand-arm-vibrations	< 2.5 m/s ²
Whole-body vibrations	< 0.5 m/s ²
Measurement uncertainty according to standard EN 12096:1997	

*For assessment of hazard exposure acc. to 2002/44/EG, see ISO/TR 25398:2006

CAB

Complies with latest safety standard (ROPS)	
Extra-wide access	
Ample legroom	
Radio kit with mute function	
Installation kit for thermoelectric cooler	
Various storage options, document compartment	
Thermal insulating glazing, windows tinted	
Excellent panoramic view	
Bottle holder and cup holder	
Driver's seat	Comfort seat with headrest
	Arm rests and lumbar support
	Seat adjustable independent of console
	Air-suspended
	Heated
	Horizontal and vertical suspension
Control	Lumbar support
	Ergonomic joysticks with proportional slide
	Slim steering column with adjustable height and tilt
	Switches clearly arranged on the control panel
Monitoring	Pendulum axle locking on the left joystick
	Operating data indication via display
	Automatic monitoring, warning, and storage
	Rear area monitoring camera
Air-conditioning	Side-view camera, right-hand side
	Automatic climate control
	Excellent air distribution due to optimally arranged nozzles
Sound level	Refrigerant R134a
	ISO 6396 (LpA) inside driver's cab: 70 dB(A)
	2000/14 EG (LwA) ambience level: 98 dB(A)

TIRES (OPTIONAL)

Tires (x4) 600/40 – 22.5 14PR Mitas
Tires (x4) 600/40 – 22.5 18PR Alliance
Tires (x8) 10.00-20 16PR Nokian
Tires (x8) 10.00-20 16PR Tread for use on asphalt
Tires (x8) 10.00-20 Super-elastic
Tires (x8) 10.00-20 NB 38 extra
Tires (x8) 315/70 R22.5 Bandenmarkt, Grader type
Tires (x8) 215/70 R22.5 Caliber Power Grip 23

REFILL CAPACITIES

Fuel tank	175 liters
Cooling system	15 liters
Engine oil	9 liters
Hydraulic tank capacity	100 liters
Hydraulic system capacity	180 liters
Ad Blue®	20 liters

OPERATING WEIGHTS*

ADJUSTABLE BOOM		
Loading Boom 1.95 m (C3.41) Boom 2.74 m (C33.45)		
	Stick 1.96 m	Stick 2.50 m
Support dozer blade	14.6-15.0 tons	14.7-15.1 tons
Support dozer blade divided	14.7-15.1 tons	14.8-15.2 tons

*Operating weight, incl. driver, machine filled, and 1 ton for attachment tools.

ATTACHMENT TOOLS (SELECTION)

	Capacity SAE	cutting width
Bucket F412	0,33 m³	500 mm
Bucket F415	0,67 m³	850 mm
Trench digger G662	0,40 m³	2000 mm
Trench digger G64	0,56 m³	2000 mm



OPTIONS

**IT'S WORTH IT: OUR ATLAS ACCESSORY EQUIPMENT
FOR EXTRA COST-EFFECTIVENESS AND SAFETY.**

FOR HIGHER EFFICIENCY

Fuel pump
Rotating beacon
Transmission protection
Cab with sliding door
Rockfall safety guard
Wheel cover
Cab elevation
Patented trailer hitching device
Bio-oil
Extra-wide axles (overall width 2,750 mm)
Extra-wide dozer blade (2,750 mm)
Sprinter 35 km/h (option)
4-wheel steering (option)
Split dozer blade (option)
Outrigger (option)

DRIVER'S COMFORT

Automatic service brake
Proportional control of stabilizers via slider on joystick
Synchronous electrical central lubrication system with monitoring function for upper carriage and boom equipment
Joystick steering
270° camera system
LED working lights
35% axle differential lock
Driver's seat Premium (Actimo Evolution)
Electric cooler
Radio with USB port and Bluetooth
Buzzer alert for drive mode
Auxiliary heater with water circuit
GPS/GSM telemetry box for monitoring operating data, consumption, position

**FOR ADDITIONAL OPTIONS,
PLEASE SEE PRICE LIST**

**SPECIAL SOLUTIONS
ON REQUEST**

WE KEEP YOUR ATLAS RUNNING.

**24-HOUR SPARE PARTS SERVICE FOR IMPROVED READINESS.
ATLAS SPARE PARTS GMBH DELIVERS ACROSS EUROPE AND AROUND
THE WORLD. ALWAYS GENUINE PARTS. ALWAYS FAST.**

Regular checks and servicing of your machines prevents breakdowns and downtime. Exchange and replacement with ATLAS genuine parts ensure quality that pays off for our customers. Nevertheless, if you do encounter a problem, ATLAS Spare Parts will provide you with genuine parts in a short time.

ATLAS Spare Parts holds more than 50,000 parts in stock at their distribution center in Ganderkesee to ensure that your machines are ready for use again very quickly.

For customers ordering a part in Europe, it is usually delivered within 24 hours.

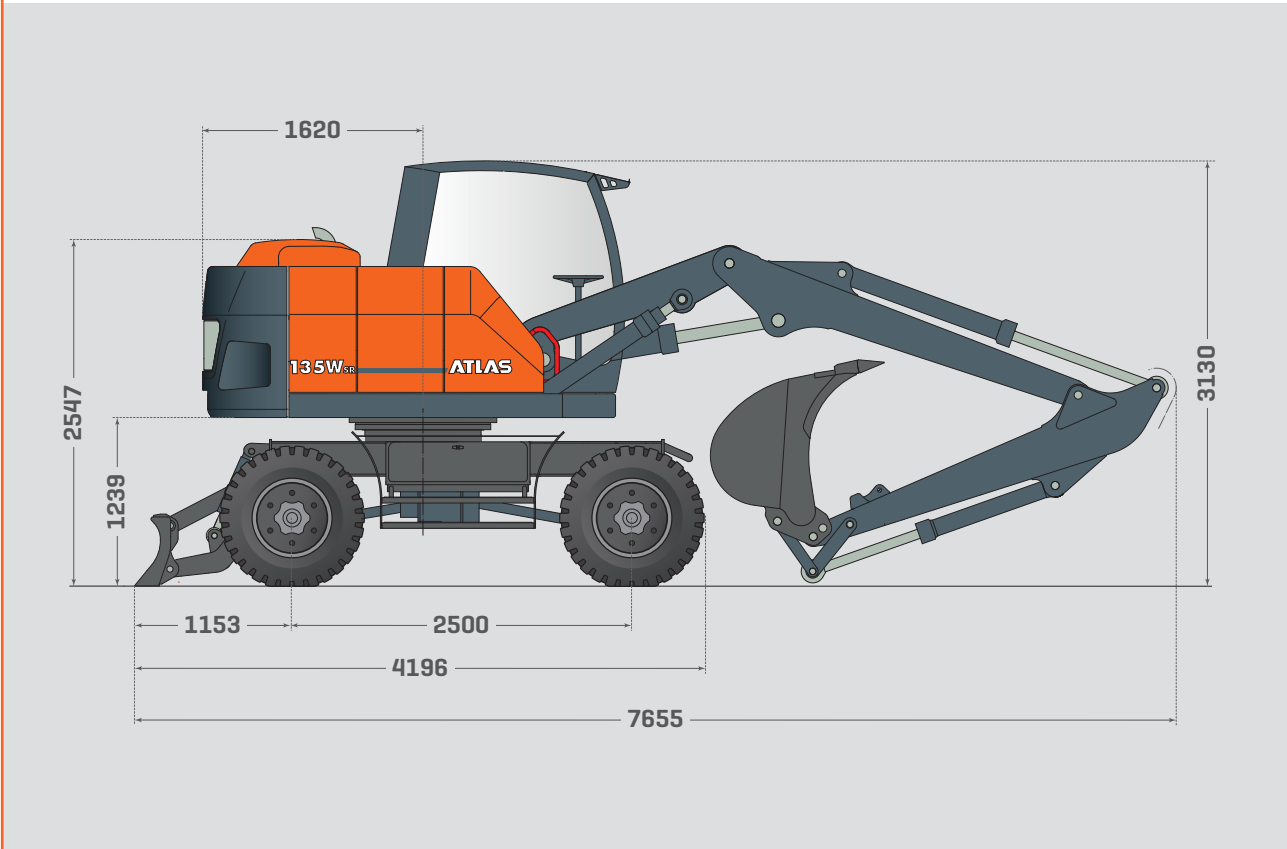
Whether it concerns parts for brand new models or machines that have been in operation for more than 40 years and beyond, our experienced teams ship quickly and worldwide. More than 200 service centers and 80 dealers provide comprehensive support – directly at your location or at the construction site. You can rely on the quality, expertise, and availability that only ATLAS Spare Parts can offer.

Please scan QR code
to get to
Spare Parts Service:

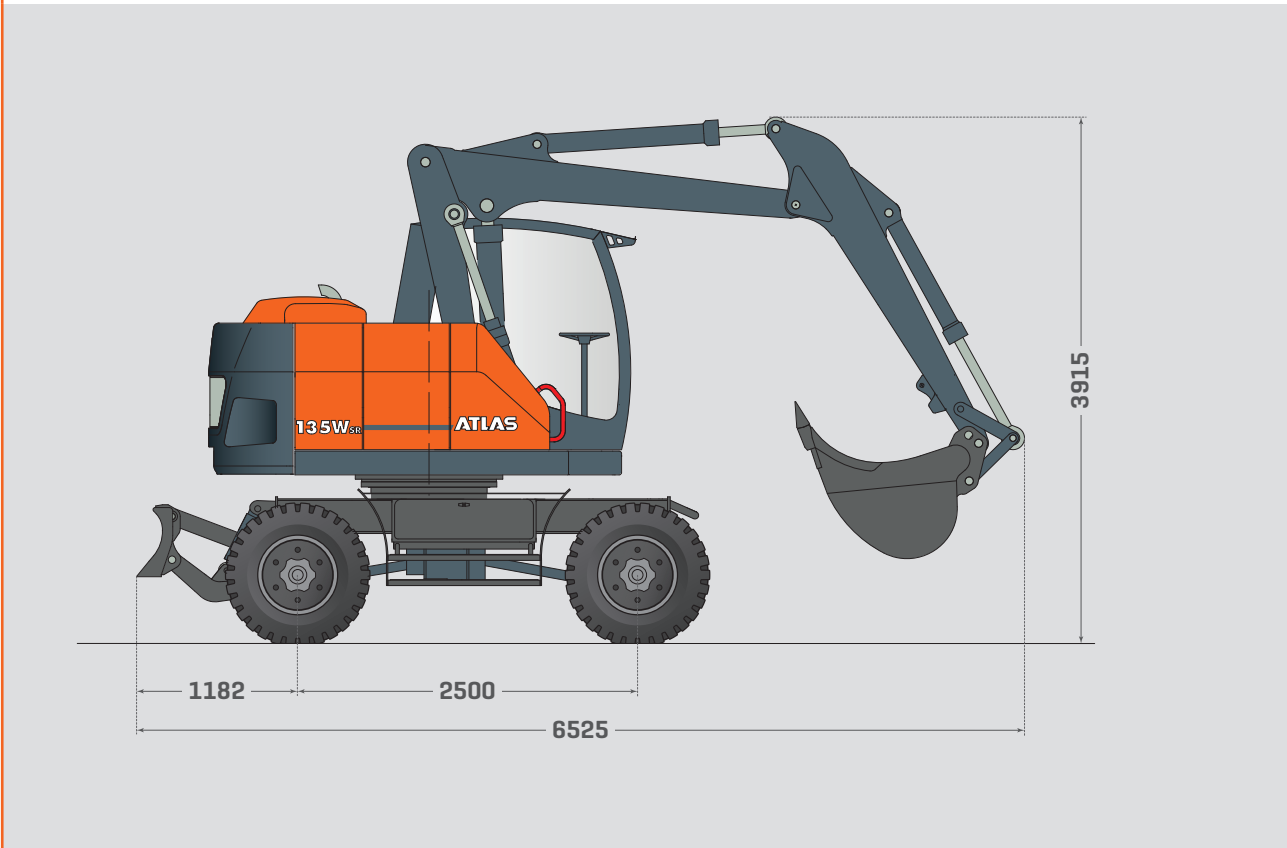


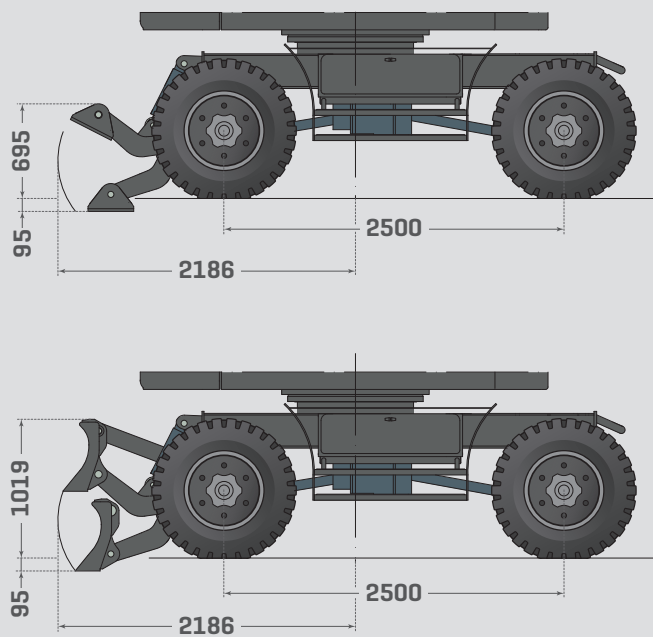
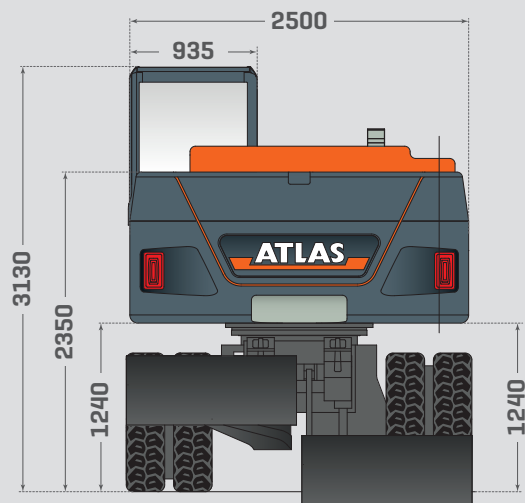


ROAD TRAVEL POSITION

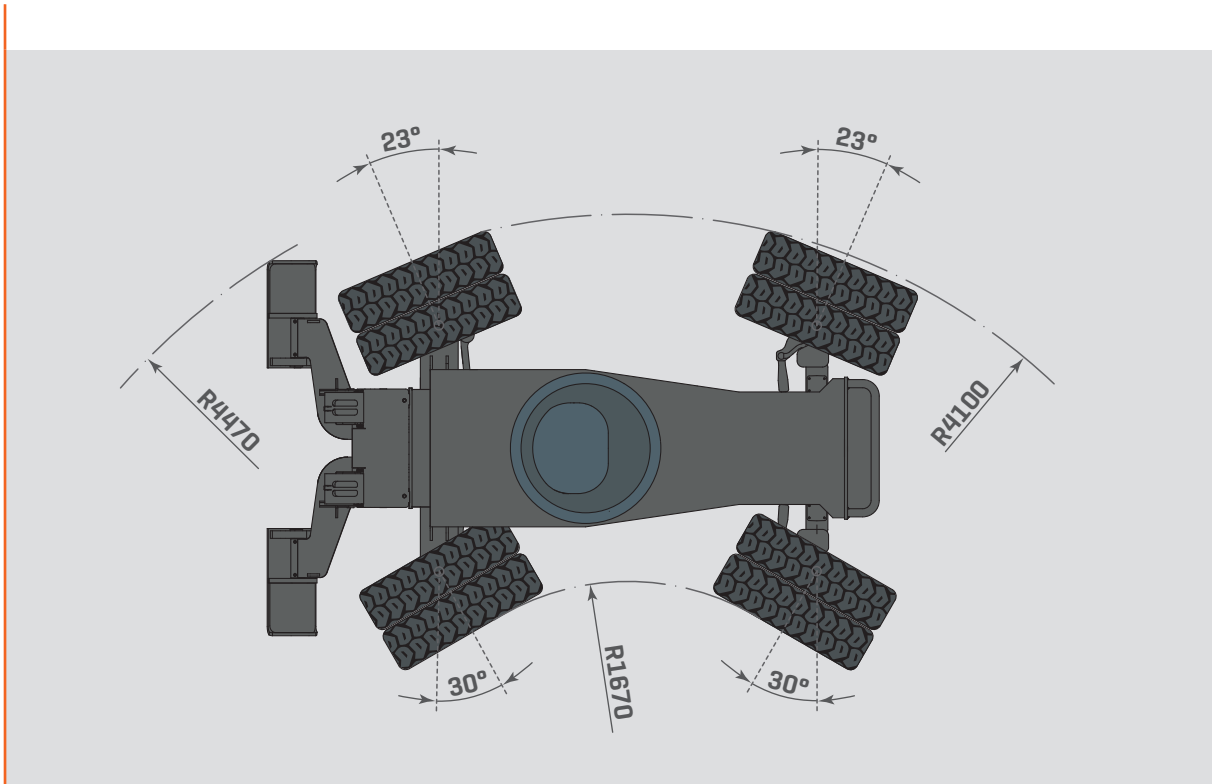
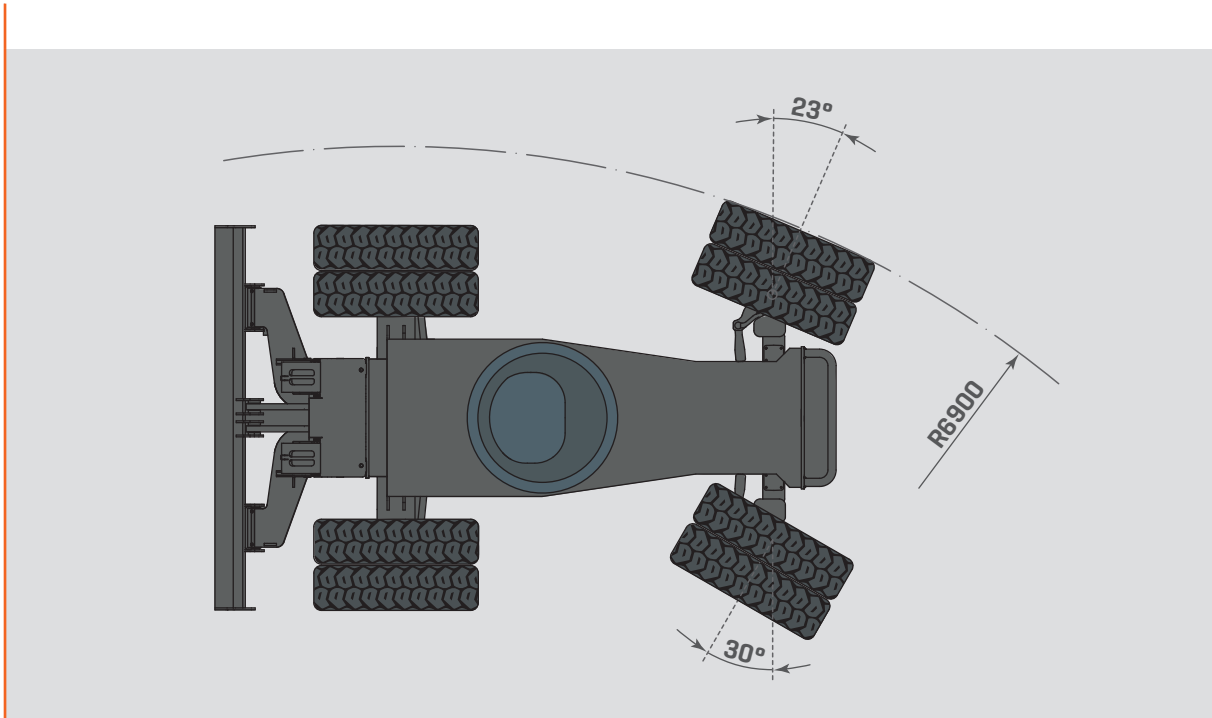


TRANSPORT HEIGHT (WITH BUCKET)





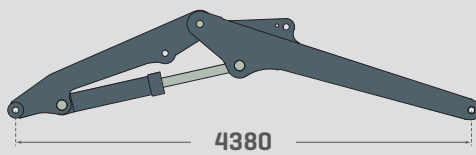
TURNING RADIUS



BOOMS & ARTICULATED BOOMS

ADJUSTABLE BOOMS

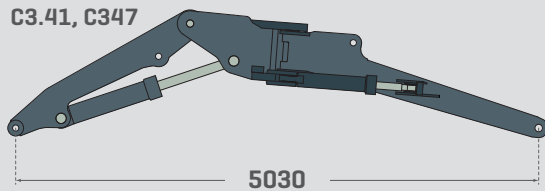
C3.41, C33.45



C3.41, C346



C3.41, C347



MONOBOOMS

C3.3M

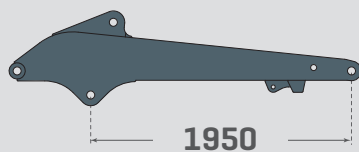


C3.3MG

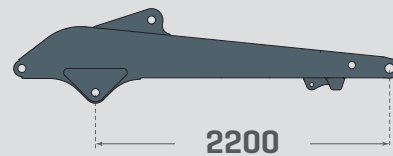


STICKS

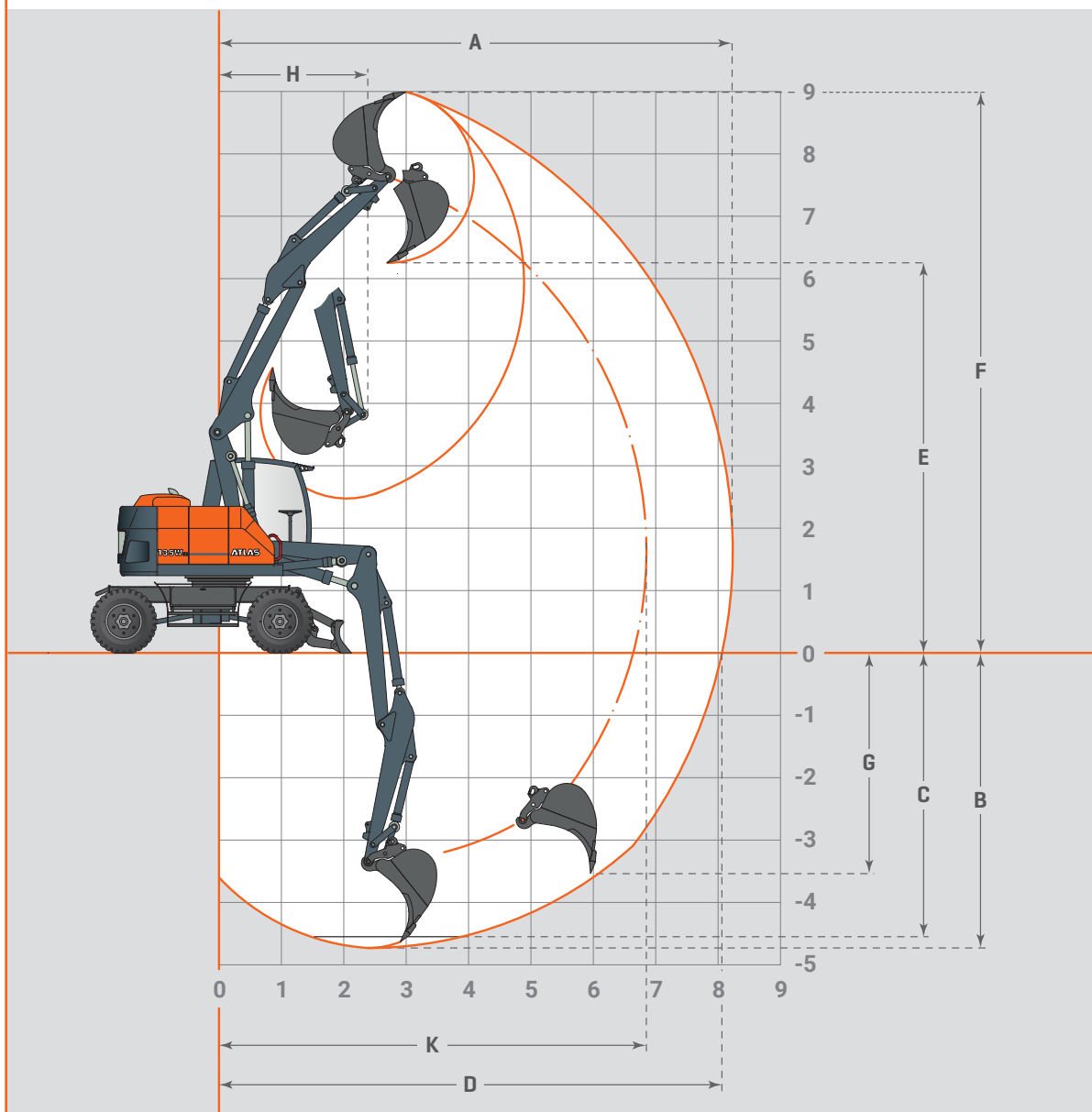
D32



D321



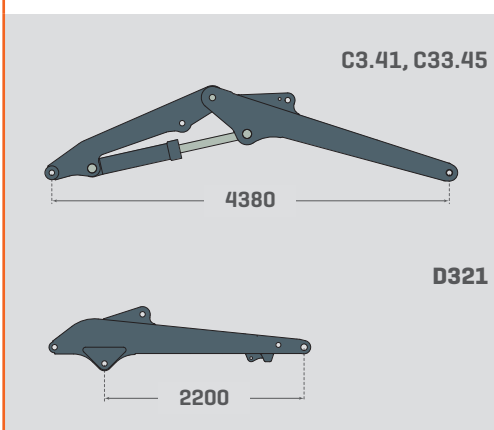
DIGGING EQUIPMENT WITH DOUBLE-ARTICULATED BOOM 4.38 M, STICK 2.2 M



DOUBLE-ARTICULATED BOOM C3.41, C33.45 - 4.38 M

	D321	D32	
Dipper stick	2.2	1.96	m
Dipper stick length			
Bucket	F415	F415	
A Max. reach	8250	7850	mm
B Max. digging depth	4750	4400	mm
C Max. digging depth (l = 2.44 m level)	4550	4250	mm
D Max. reach at ground level	8100	7650	mm
E Max. dumping clearance	6250	6000	mm
F Max. grooving height	9000	8550	mm
G Max. vertical grooving depth	3550	3400	mm
H Min. front swing radius	2350	2350	mm
Max. reach stick	6850	6550	mm
Max. cutting force	55	55	KN
Max. breakout force	94	94	KN

INFOBOX



LOAD CAPACITY WITH DOUBLE-ARTICULATED BOOM 4.38 M, STICK 2.2 M | COUNTERWEIGHT 3.3 TONS

	front	rear	2 m			3 m			4 m			5 m			6 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
7 m	-	Blade							3.9 *	3.9 *	3.9 *						
6 m	-	Blade							3.6 *	3.6 *	3.6 *	3.4 *	3.2	2.8			
5 m	-	Blade							3.7 *	3.7 *	3.7 *	3.3 *	3.3	2.9			
4 m	-	Blade				5.0 *	5.0 *	5.0 *	4.0 *	4.0 *	4.0 *	3.4 *	3.3	2.9	3.1 *	2.4	2.1
3 m	-	Blade				6.2 *	6.2 *	6.0	4.5 *	4.5 *	4.0	3.7 *	3.3	2.9	3.1 *	2.4	2.1
2 m	-	Blade	9.1 *	9.1 *	9.1 *	6.9 *	6.8	5.8	4.9 *	4.5	3.9	3.9 *	3.3	2.9	3.2 *	2.4	2.1
1 m	-	Blade	12.0 *	12.0 *	11.8	7.3 *	7.1	6.0	5.2 *	4.4	3.8	4.0 *	3.1	2.7	3.2 *	2.3	2.0
0 m	-	Blade	12.4 *	12.4 *	11.1	7.3 *	6.6	5.5	5.2 *	4.2	3.6	4.0 *	3.0	2.6	3.3 *	2.2	1.9
-1 m	-	Blade	12.6 *	12.6 *	11.0	7.4 *	6.4	5.4	5.3 *	4.1	3.6	4.1 *	2.9	2.5	2.9 *	2.2	1.9
-2 m	-	Blade	12.7 *	12.7 *	10.9	7.7 *	6.4	5.4	5.2 *	4.0	3.4	3.5 *	2.8	2.4			
-3 m	-	Blade	10.4 *	10.4 *	10.4 *	6.1 *	6.1 *	5.2	3.6 *	3.6 *	3.4						

LOAD CAPACITY WITH DOUBLE-ARTICULATED BOOM 4.38 M, STICK 1.96 M | COUNTERWEIGHT 3.3 TONS

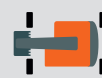
	front	rear	2 m			3 m			4 m			5 m			6 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
7 m	-	Blade				4.7 *	4.7 *	4.7 *									
6 m	-	Blade							3.8 *	3.8 *	3.8 *						
5 m	-	Blade				4.5 *	4.5 *	4.5 *	3.8 *	3.8 *	3.8 *	3.4 *	3.3	2.9			
4 m	-	Blade				5.4 *	5.4 *	5.4 *	4.2 *	4.2 *	4.0	3.6 *	3.3	2.9	3.2 *	2.4	2.1
3 m	-	Blade				6.3 *	6.3 *	6.0	4.6 *	4.6	4.0	3.7 *	3.3	2.9	3.2 *	2.4	2.1
2 m	-	Blade	9.2 *	9.2 *	9.2 *	6.8 *	6.8 *	5.9	5.0 *	4.6	3.9	3.9 *	3.2	2.8	3.3 *	2.3	2.0
1 m	-	Blade	12.1 *	12.1 *	11.6	7.3 *	6.8	5.7	5.2 *	4.4	3.8	4.0 *	3.1	2.7	3.3 *	2.3	2.0
0 m	-	Blade	12.5 *	12.5 *	10.9	7.4 *	6.6	5.5	5.2 *	4.3	3.7	4.0 *	3.0	2.6	3.2 *	2.2	1.9
-1 m	-	Blade	12.6 *	12.6 *	10.8	7.5 *	6.5	5.4	5.4 *	4.1	3.5	4.0 *	2.9	2.5	2.6 *	2.2	1.9
-2 m	-	Blade	12.5 *	12.5 *	10.8	7.5 *	6.4	5.3	5.0 *	4.0	3.4	3.2 *	2.9	2.5			
-3 m	-	Blade	9.1 *	9.1 *	9.1 *	5.0 *	5.0 *	5.0 *									



L = longitudinally not supported



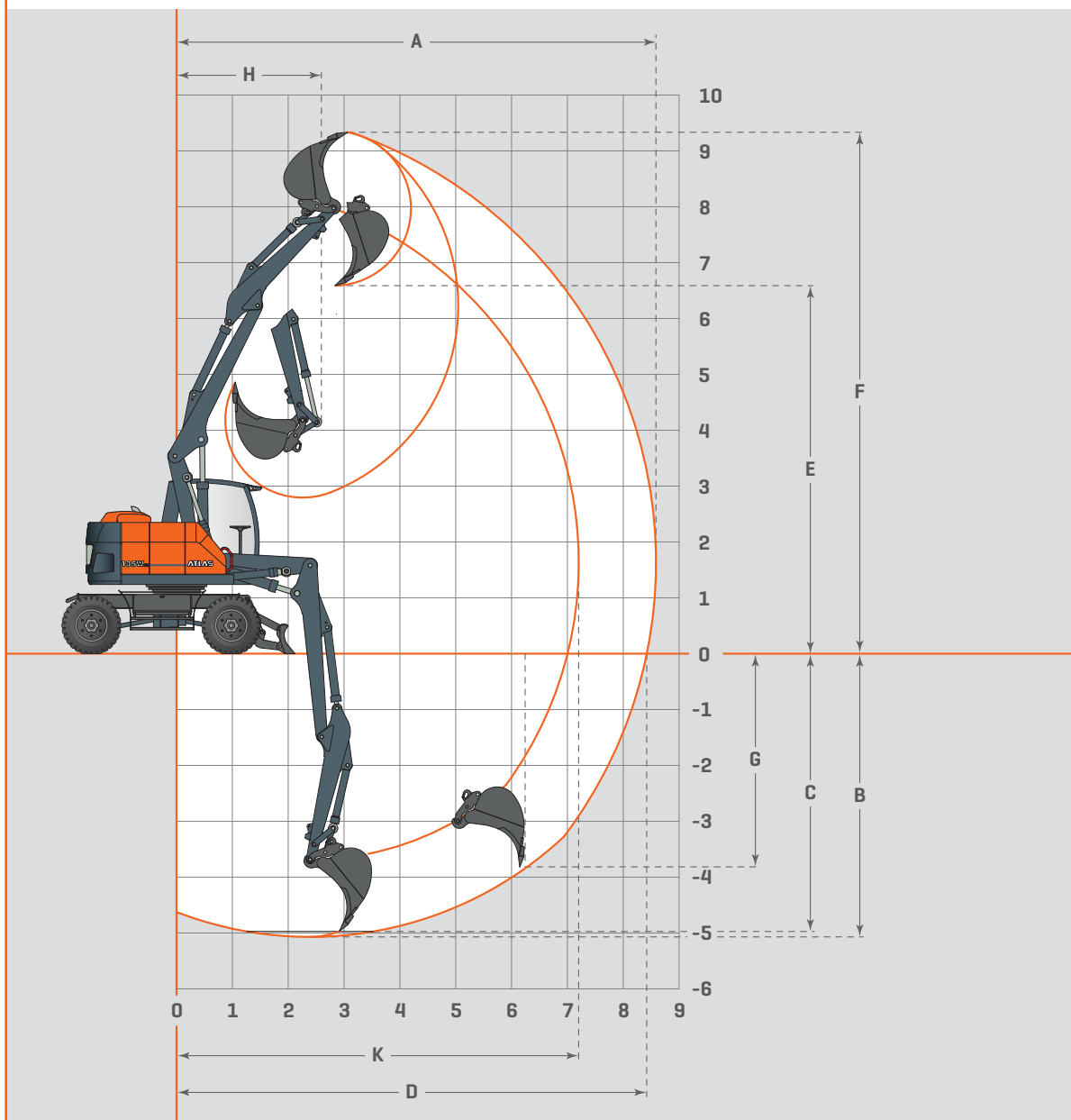
Q+ = laterally supported



Q = laterally not supported

Load-capacity values in tons (T) at the articulated boom end, without bucket tipping cylinder and without tool. Values apply on level ground, locked pendulum axle, and pressure switched on. Values laterally to the undercarriage apply 360° throughout the entire swing radius. Values Laterally 1) apply supported. The values longitudinally to the undercarriage apply supported across the rigid axle as well as unsupported across the steering axle. Indicated load values are stated in accordance with ISO 10567, imply a stability of 25% and are calculated at 87% of the maximum hydraulic lifting capacity. An asterisk (*) marks values limited by the hydraulic lifting capacity.

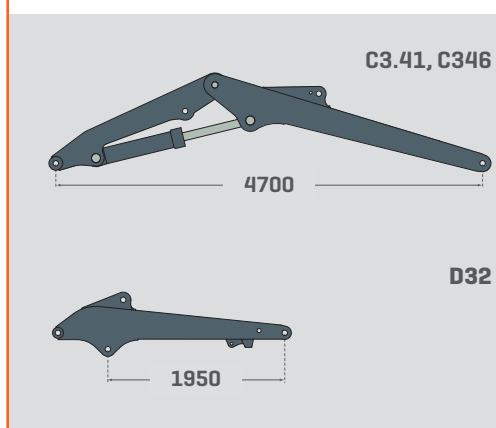
DIGGING EQUIPMENT WITH DOUBLE-ARTICULATED BOOM 4.70 M, STICK 2.2 M



DOUBLE-ARTICULATED BOOM C341, C346 - 4.70 M

	D321	D32	
Dipper stick	2.2	1.96	m
Dipper stick length			
Bucket	F415	F415	
A Max. reach	8600	8400	mm
B Max. digging depth	5100	4800	mm
C Max. digging depth (l = 2.44 m level)	5000	4700	mm
D Max. reach at ground level	8400	8200	mm
E Max. dumping clearance	6600	6500	mm
F Max. grooving height	9350	9250	mm
G Max. vertical grooving depth	3800	3600	mm
H Min. front swing radius	2600	2500	mm
Max. reach stick	7200	7000	mm
Max. cutting force	55	55	KN
Max. breakout force	94	94	KN

INFOBOX



LOAD CAPACITY WITH DOUBLE-ARTICULATED BOOM 4.70 M, STICK 2.2 M | COUNTERWEIGHT 3.3 TONS

	front	rear	2 m			3 m			4 m			5 m			6 m			7 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
7 m	-	Blade							3.6*	3.6*	3.6*									
6 m	-	Blade							3.5*	3.5*	3.5*	3.2*	3.2*	2.9						
5 m	-	Blade							3.6*	3.6*	3.6*	3.2*	3.2*	2.9	2.9*	2.4	2.1			
4 m	-	Blade				5.1*	5.1*	5.1*	4.0*	4.0*	4.0	3.4*	3.4	2.9	2.9*	2.5	2.1			
3 m	-	Blade				5.7*	5.7*	5.7*	4.5*	4.5*	3.9	3.6*	3.3	2.9	3.0*	2.5	2.1	2.7*	1.8	1.6
2 m	-	Blade	7.5*	7.5*	7.5*	6.3*	6.3*	5.8	4.9*	4.4	3.8	3.8*	3.3	2.9	3.1*	2.4	2.1	2.7*	1.8	1.6
1 m	-	Blade	11.5*	11.5*	11.5*	7.1*	6.8	5.8	5.1*	4.4	3.8	3.9*	3.2	2.8	3.2*	2.3	2.0	2.7*	1.8	1.5
0 m	-	Blade	12.3*	12.3*	10.9	7.2*	6.5	5.5	5.1*	4.3	3.7	3.9*	3.1	2.7	3.2*	2.3	2.0	2.4*	1.8	1.5
-1 m	-	Blade	12.4*	12.4*	10.8	7.3*	6.3	5.3	5.2*	4.1	3.5	4.0*	2.9	2.5	3.1*	2.2	1.9			
-2 m	-	Blade	12.6*	12.6*	10.7	7.5*	6.3	5.3	5.4*	4.1	3.5	3.9*	2.9	2.4	2.4*	2.2	1.9			
-3 m	-	Blade	11.6*	11.6*	10.8	6.7*	6.2	5.2	4.4*	3.9	3.3	2.4*	2.4*	2.4						

LOAD CAPACITY WITH DOUBLE-ARTICULATED BOOM 4.70 M, STICK 1.96 M | COUNTERWEIGHT 3.3 TONS

	front	rear	2 m			3 m			4 m			5 m			6 m			7 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
7 m	-	Blade							3.8*	3.8*	3.8*									
6 m	-	Blade							3.6*	3.6*	3.6*	3.3*	3.3	2.8						
5 m	-	Blade				4.6*	4.6*	4.6*	3.8*	3.8*	3.8*	3.3*	3.3*	2.9	3.0*	2.4	2.1			
4 m	-	Blade				5.4*	5.4*	5.4*	4.1*	4.1*	4.0	3.5*	3.4	2.9	3.0*	2.4	2.1			
3 m	-	Blade				5.6*	5.6*	5.6*	4.6*	4.5	3.9	3.7*	3.3	2.9	3.1*	2.4	2.1			
2 m	-	Blade	7.6*	7.6*	7.6*	6.3*	6.3*	5.8	5.0*	4.5	3.9	3.8*	3.3	2.9	3.2*	2.4	2.0	2.7*	1.8	1.6
1 m	-	Blade	11.5*	11.5*	11.5	7.1*	6.8	5.8	5.1*	4.4	3.8	3.9*	3.2	2.8	3.2*	2.3	2.0			
0 m	-	Blade	12.4*	12.4*	10.9	7.3*	6.4	5.4	5.1*	4.2	3.6	4.0*	3.0	2.6	3.3*	2.3	1.9			
-1 m	-	Blade	12.6*	12.6*	10.8	7.4*	6.4	5.3	5.2*	4.1	3.5	4.1*	2.9	2.5	3.0*	2.2	1.9			
-2 m	-	Blade	12.6*	12.6*	10.8	7.6*	6.3	5.3	5.3*	4.0	3.4	3.7*	2.8	2.4						
-3 m	-	Blade	10.9*	10.9*	10.9*	6.2*	6.2*	5.2	3.8*	3.8*	3.4									



L = longitudinally not supported



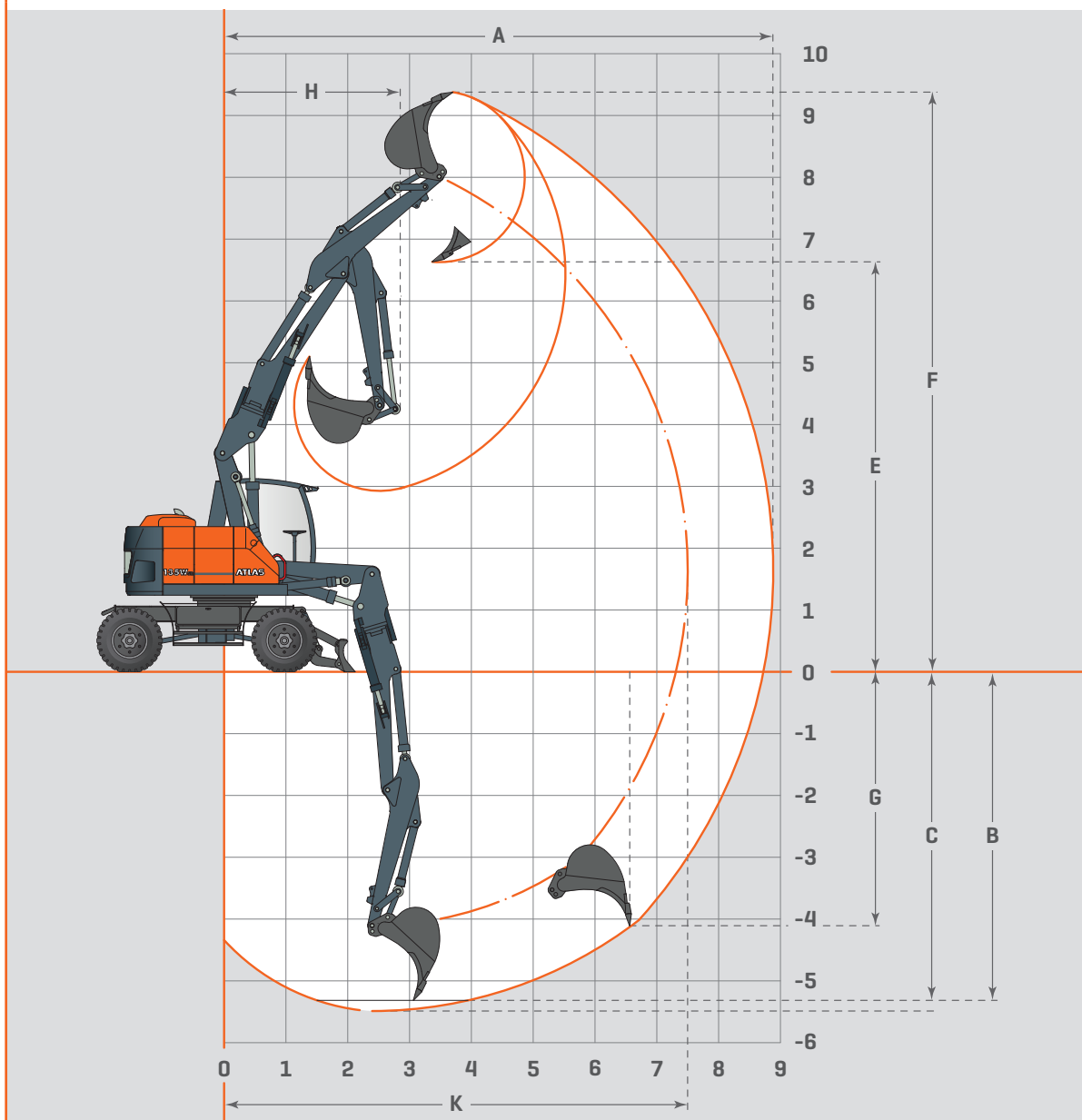
Q+ = laterally supported



Q = laterally not supported

Load-capacity values in tons (T) at the articulated boom end, without bucket tipping cylinder and without tool. Values apply on level ground, locked pendulum axle, and pressure switched on. Values laterally to the undercarriage apply 360° throughout the entire swing radius. Values Laterally 1) apply supported. The values longitudinally to the undercarriage apply supported across the rigid axle as well as unsupported across the steering axle. Indicated load values are stated in accordance with ISO 10567, imply a stability of 25% and are calculated at 87% of the maximum hydraulic lifting capacity. An asterisk (*) marks values limited by the hydraulic lifting capacity.

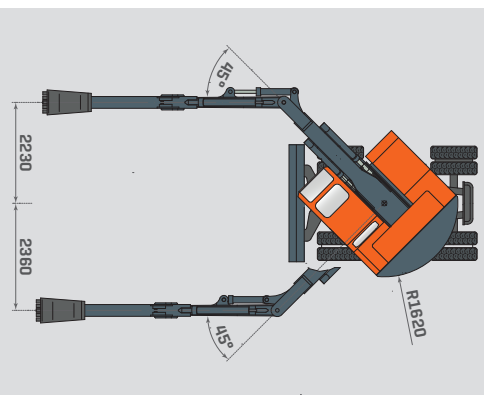
DIGGING EQUIPMENT WITH DOUBLE-ARTICULATED KNUCKLE BOOM 5.0 M, STICK 2.2 M



DOUBLE-ARTICULATED KNUCKLE BOOM C341, C347 - 5.0 M

Dipper stick	D321	D32	
Dipper stick length	2.2	1.96	m
A Max. reach	8900	8650	mm
B Max. digging depth	5500	5250	mm
C Max. digging depth (l = 2.44 m level)	5300	5150	mm
D Max. reach at ground level	8750	8500	mm
E Max. dumping clearance	6650	6500	mm
F Max. grooving height	9400	9200	mm
G Max. vertical grooving depth	4100	3950	mm
H Min. front swing radius	2850	2800	mm
Max. reach stick	7500	7300	mm
Max. cutting force	55	55	KN
Max. breakout force	94	94	KN

INFOBOX



LOAD CAPACITY WITH DOUBLE-ARTICULATED KNUCKLE BOOM 5.0 M, STICK 2.2 M | COUNTERWEIGHT 3.3 TONS

	front	rear	2 m			3 m			4 m			5 m			6 m			7 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
7 m	-	Blade										3.0*	3.0*	2.9						
6 m	-	Blade										2.8*	2.8*	2.8*	2.6*	2.4	2.1			
5 m	-	Blade							3.3*	3.3*	3.3*	2.8*	2.8*	2.8*	2.6*	2.5	2.2			
4 m	-	Blade				4.9*	4.9*	4.9*	3.6*	3.6*	3.6*	3.0*	3.0*	2.9	2.7*	2.5	2.2	2.4*	1.8	1.6
3 m	-	Blade				5.0*	5.0*	5.0*	4.2*	4.2*	3.9	3.3*	3.3	2.9	2.8*	2.5	2.2	2.5*	1.8	1.6
2 m	-	Blade				5.6*	5.6*	5.6*	4.6*	4.4	3.8	3.5*	3.3	2.8	2.9*	2.5	2.1	2.5*	1.8	1.5
1 m	-	Blade	10.2*	10.2*	10.2*	6.5*	6.5*	5.7	4.7*	4.4	3.8	3.6*	3.2	2.8	3.0*	2.3	2.0	2.5*	1.7	1.5
0 m	-	Blade	11.6*	11.6*	10.7	6.8*	6.6	5.6	4.8*	4.3	3.6	3.7*	3.1	2.6	3.0*	2.2	1.9	2.5*	1.7	1.4
-1 m	-	Blade	11.8*	11.8*	10.5	6.9*	6.3	5.3	4.8*	4.0	3.4	3.7*	2.9	2.5	3.0*	2.1	1.8	2.2*	1.6	1.4
-2 m	-	Blade	12.1*	12.1*	10.3	7.1*	6.1	5.1	5.0*	3.9	3.4	3.8*	2.7	2.3	2.7*	2.0	1.7			
-3 m	-	Blade	12.0*	12.0*	10.4	7.1*	6.0	5.0	4.6*	3.7	3.2	3.1*	2.6	2.2						

LOAD CAPACITY WITH DOUBLE-ARTICULATED KNUCKLE BOOM 5.0 M, STICK 1.96 M | COUNTERWEIGHT 3.3 TONS

	front	rear	2 m			3 m			4 m			5 m			6 m			7 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
7 m	-	Blade							3.4*	3.4*	3.4*									
6 m	-	Blade							3.3*	3.3*	3.3*	2.9*	2.9*	2.9						
5 m	-	Blade							3.4*	3.4*	3.4*	3.0*	3.0*	3.0	2.7*	2.4	2.1			
4 m	-	Blade				5.1*	5.1*	5.1*	3.8*	3.8*	3.8*	3.2*	3.2*	2.9	2.7*	2.5	2.1			
3 m	-	Blade				4.9*	4.9*	4.9*	4.3*	4.3*	3.9	3.4*	3.3	2.9	2.8*	2.5	2.1	2.5*	1.8	1.5
2 m	-	Blade				5.6*	5.6*	5.6*	4.7*	4.4	3.8	3.6*	3.3	2.9	3.0*	2.4	2.0	2.5*	1.8	1.5
1 m	-	Blade	10.1*	10.1*	10.1*	6.6*	6.6*	5.8	4.8*	4.5	3.8	3.7*	3.2	2.8	3.0*	2.3	2.0	2.5*	1.7	1.5
0 m	-	Blade	11.8*	11.8*	10.6	6.9*	6.5	5.5	4.8*	4.2	3.6	3.7*	3.0	2.6	3.0*	2.2	1.9	2.4*	1.7	1.4
-1 m	-	Blade	11.9*	11.9*	10.3	6.9*	6.2	5.1	4.9*	4.0	3.4	3.8*	2.9	2.5	3.0*	2.1	1.8			
-2 m	-	Blade	12.1*	12.1*	10.3	7.2*	6.2	5.1	5.1*	3.9	3.3	3.8*	2.7	2.3	2.5*	2.0	1.7			
-3 m	-	Blade	11.7*	11.7*	10.5	6.8*	6.0	5.0	4.4*	3.7	3.2	2.7*	2.7	2.3						



L = longitudinally not supported



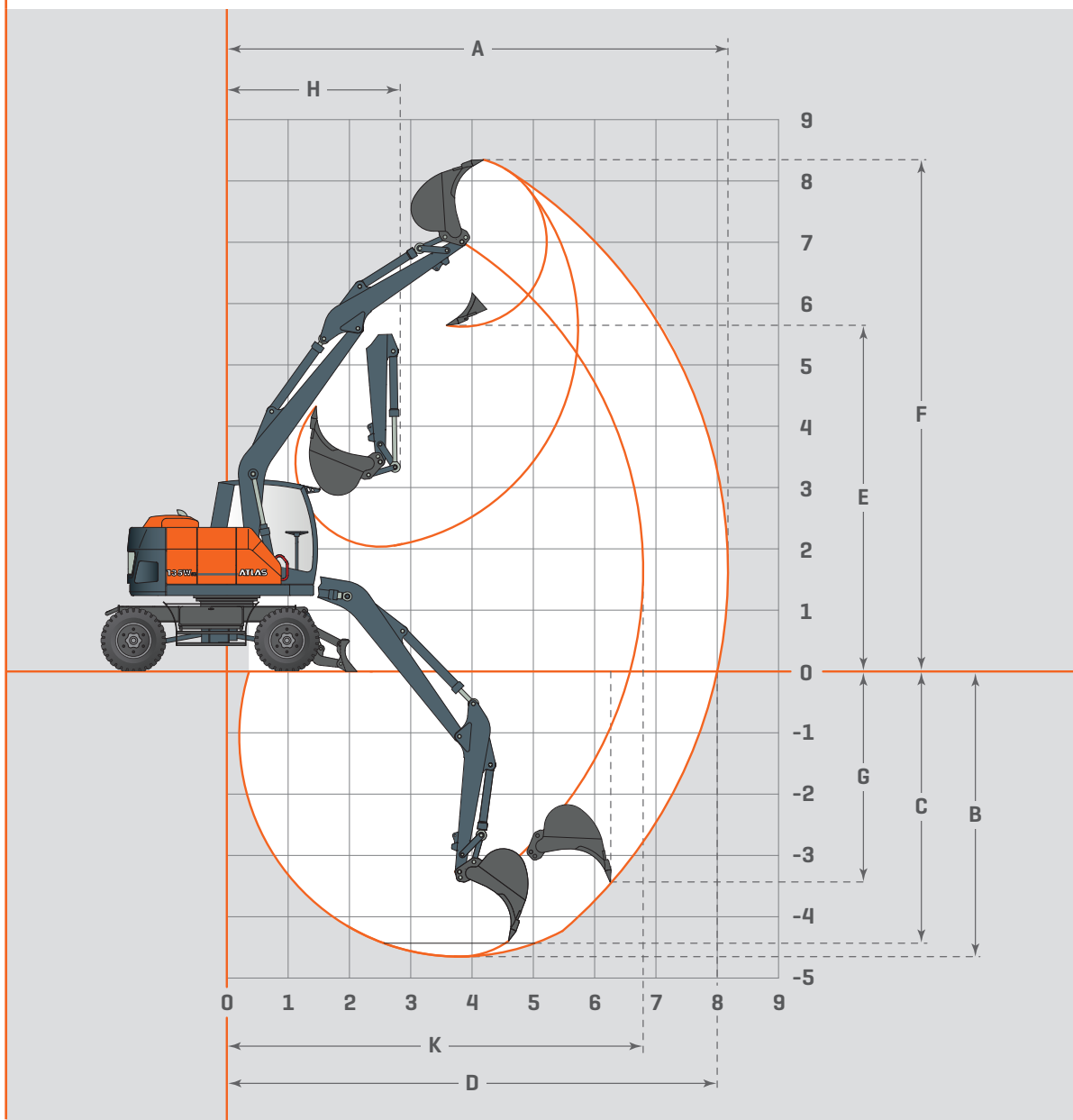
Q+ = laterally supported



Q = laterally not supported

Load-capacity values in tons (T) at the articulated boom end, without bucket tipping cylinder and without tool. Values apply on level ground, locked pendulum axle, and pressure switched on. Values laterally to the undercarriage apply 360° throughout the entire swing radius. Values Laterally 1) apply supported. The values longitudinally to the undercarriage apply supported across the rigid axle as well as unsupported across the steering axle. Indicated load values are stated in accordance with ISO 10567, imply a stability of 25% and are calculated at 87% of the maximum hydraulic lifting capacity. An asterisk (*) marks values limited by the hydraulic lifting capacity.

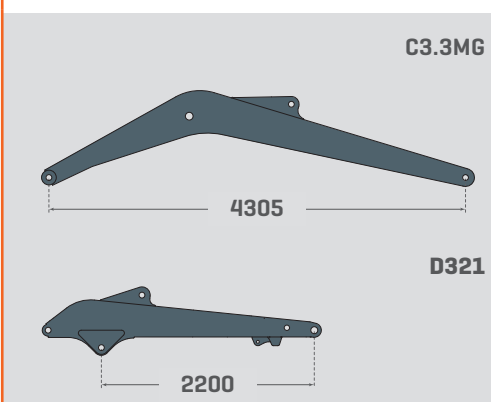
DIGGING EQUIPMENT WITH MONOBOOM C3.3MG - 4.30 M, STICK 2.2 M



MONOBOOM C3.3MG - 4.30 M

Dipper stick	D321	D32	
Dipper stick length	2,2	1,96	m
A Max. reach	8200	7950	mm
B Max. digging depth	4700	4400	mm
C Max. digging depth (l = 2.44 m level)	4450	4200	mm
D Max. reach at ground level	8000	7750	mm
E Max. dumping clearance	5650	5500	mm
F Max. grooving height	8350	8200	mm
G Max. vertical grooving depth	3450	3050	mm
H Min. front swing radius	2800	2900	mm
Max. reach stick	6800	6600	mm
Max. cutting force	55	55	KN
Max. breakout force	94	94	KN

INFOBOX



LOAD CAPACITY WITH MONOBOOM C3.3MG – 4.30 M, STICK 2.2 M | COUNTERWEIGHT 3.3 TONS

	front	rear	2 m			3 m			4 m			5 m			6 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
6 m	-	Blade										3.8 *	3.2	2.8			
5 m	-	Blade										3.6 *	3.2	2.8			
4 m	-	Blade							4.3 *	4.3 *	3.9	3.8 *	3.2	2.8	3.5 *	2.4	2.1
3 m	-	Blade				6.7 *	6.7 *	5.7	4.9 *	4.3	3.7	4.1 *	3.1	2.7	3.6 *	2.4	2.1
2 m	-	Blade							5.6 *	4.1	3.5	4.4 *	3.0	2.6	3.7 *	2.3	2.0
1 m	-	Blade							5.9 *	3.9	3.4	4.6 *	2.9	2.5	3.7 *	2.3	2.0
0 m	-	Blade				6.4 *	6.0	5.0	5.8 *	3.9	3.3	4.5 *	2.9	2.5	3.7 *	2.3	1.9
-1 m	-	Blade	5.1 *	5.1 *	5.1 *	7.0 *	6.0	5.0	5.4 *	3.9	3.3	4.3 *	2.8	2.5	3.3 *	2.3	1.9
-2 m	-	Blade	7.0 *	7.0 *	7.0 *	5.8 *	5.8 *	5.1	4.6 *	3.9	3.3	3.6 *	2.9	2.5			
-3 m	-	Blade				4.0 *	4.0 *	4.0 *	3.3 *	3.3 *	3.3 *						

LOAD CAPACITY WITH MONOBOOM C3.3MG – 4.30 M, STICK 1.96 M | COUNTERWEIGHT 3.3 TONS

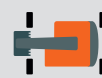
	front	rear	2 m			3 m			4 m			5 m			6 m		
			L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q	L	Q+	Q
6 m	-	Blade							4.1 *	4.1 *	3.9						
5 m	-	Blade							4.1 *	4.1 *	3.9	3.8 *	3.2	2.8			
4 m	-	Blade							4.5 *	4.4	3.9	4.0 *	3.2	2.7	3.6 *	2.4	2.1
3 m	-	Blade				7.0 *	6.6	5.6	5.1 *	4.2	3.7	4.2 *	3.1	2.7	3.7 *	2.4	2.1
2 m	-	Blade							5.7 *	4.1	3.5	4.5 *	3.0	2.6	3.7 *	2.3	2.0
1 m	-	Blade							5.9 *	4.0	3.4	4.6 *	2.9	2.5	3.8 *	2.3	2.0
0 m	-	Blade				6.2 *	6.0	5.0	5.8 *	3.9	3.3	4.5 *	2.9	2.5	3.6 *	2.3	2.0
-1 m	-	Blade	5.3 *	5.3 *	5.3 *	6.6 *	6.1	5.1	5.3 *	3.9	3.3	4.2 *	2.9	2.5	3.1 *	2.3	2.0
-2 m	-	Blade				5.4 *	5.4 *	5.1	4.4 *	3.9	3.4	3.4 *	2.9	2.5			
-3 m	-	Blade							2.8 *	2.8 *	2.8 *						



L = longitudinally not supported



Q+ = laterally supported



Q = laterally not supported

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1919

FOUNDATION

Hinrich Weyhausen founds the company and initially produces agricultural equipment at the Delmenhorst location.

1945

THE FIRST PATENT

The first patent for an ATLAS attachment crane is granted.

1950

FIRST FULLY HYDRAULIC EXCAVATOR

With the first fully hydraulically operated ATLAS excavator, the success story for an entire industry begins.

1956

ATLAS VECHTA

Start-up of the ATLAS factory at Vechta.

1960

ATLAS GANDERKESEE

Start-up of the ATLAS factory at Ganderkesee.

1965

RAIL-ROAD EXCAVATOR

The world's first ATLAS rail-road excavator lays the foundation for a leading position in this market.

1980

ATLAS UK

Start-up of the Bradford, England location for production of ATLAS Cranes. Bradford, England.



1986

ATLAS WHEELED EXCAVATOR 1304

Market launch of the best-selling ATLAS excavator model yet.

2001

CHANGE OF MANAGEMENT

ATLAS is taken over by the American Terex Corporation.

2010

ATLAS MASCHINEN GMBH

The entrepreneur Fil Filipov acquires ATLAS and re-establishes the company as an independent business under the name of "ATLAS Maschinen GmbH".

2012

ATLAS SPARE PARTS GMBH

Foundation of ATLAS Spare Parts GmbH – in order to improve the efficiency of spare parts supply.

2014

NEW MANAGING DIRECTOR

ATLAS expands its product portfolio by tunnel excavators. At the same time, Brahim Stitou is appointed as managing director with sole power of representation of ATLAS Maschinen GmbH.

2015

INNOVATION 3

ATLAS delivers the first electric excavator with many more to follow.

The name of the company is changed from ATLAS Maschinen GmbH to ATLAS GmbH.

2016

ATLAS GROUP SERVICES GMBH

Foundation of ATLAS Group Services GmbH. The groups Training (at the ATLAS-owned center), Service, and Warranty are now pooled in this company.

2017

MINI- AND MIDI-EXCAVATORS

ATLAS expands its product portfolio by mini- and midi-excavators.

2019

100-YEAR ANNIVERSARY

ATLAS proudly looks back on a 100-year history and duly celebrates the centennial.

2020

READY FOR THE FUTURE

ATLAS presents the first battery-powered excavator. The 200 MH accu is used in recycling for Stadtreinigung Hamburg.

Effective immediately, ATLAS machines are equipped with a stage V exhaust after-treatment system.

ATLAS manufactures driver's cabs in-house.

2023

NEW BRAND IDENTITY

ATLAS modernizes its branding, revises the type designations ZW, MH, wheeled, cranes, and enhances its profile in order to be well prepared for the future.

2025

PRODUCT EXPANSION

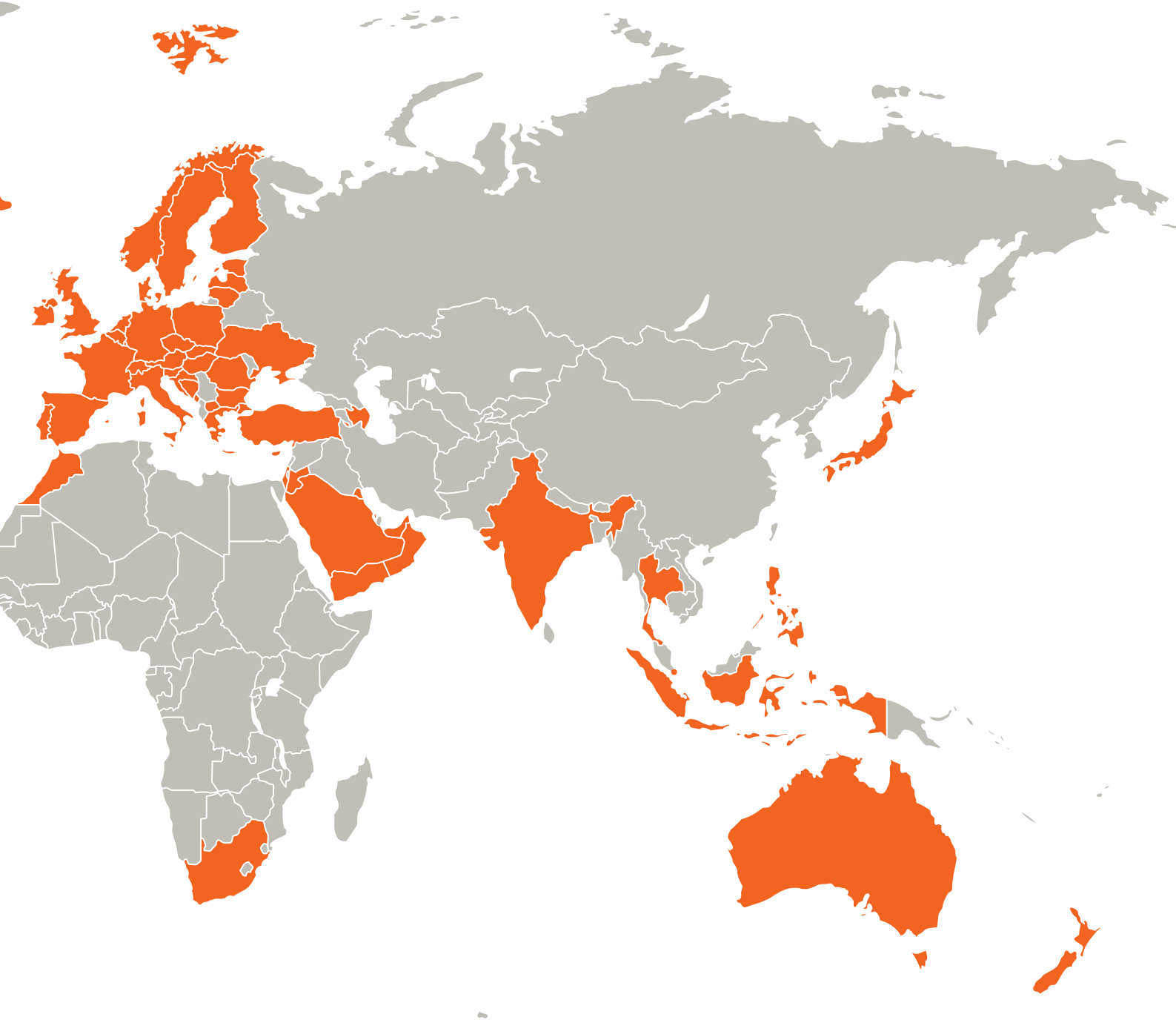
New: 135WSr wheeled excavator, workman baskets, 450MH material handler, xxx.4 cranes, and much more

**INNOVATIVE.
PASSIONATE.
PIONEERING.
SINCE 1919.**

OUR STRONG DEALER NETWORK.



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- Azerbaijan
- Bahrain
- Belgium
- Bosnia and Herzegovina
- Brazil
- Bulgaria
- Canada
- Chile
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- India
- Indonesia
- Ireland
- Israel
- Italy
- Japan
- Jordan
- Kuwait
- Latvia
- Lithuania
- Luxembourg
- Macedonia
- Malta
- Mauritius
- Mexico
- Montenegro
- Morocco
- Netherlands
- New Zealand
- Norway
- Oman
- Peru
- Philippines
- Poland
- Portugal
- Romania
- Saudi Arabia
- Singapore
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- Slovenia
- South Africa
- Spain
- Sweden
- Switzerland
- Thailand
- Trinidad & Tobago
- Turkey
- Ukraine
- United Arab Emirates
- United Kingdom (UK)
- USA
- Yemen



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