

KUBOTA WHEELED EXCAVATOR

KW095 | KW115



ENGINE

55 kW/75 PS
80 kW/109 PS *
Stage V
Tier 4 Final

OPERATING WEIGHT

9,900–12,800 kg

BUCKET CAPACITY

0.15–0.48 m³

*optional

OUR KW095 AND KW115 WHEELED EXCAVATORS

Performance without compromise





PERFORMANCE AT ITS BEST

Perfect combination for maximum performance.

EFFICIENCY REDEFINED

Designed to maximise efficiency and reduce running costs.

RELIABILITY WITHOUT COMPROMISE

Built for everyday use.

COMFORT THAT MAKES THE DIFFERENCE

More comfort, more control, more productivity.

MAINTENANCE MADE EASY

Easy access. Easy maintenance.

Engine

55 kW/75 HP

80 kW/109 HP *

Stage V

Tier 4 Final

Operating weight:

KW095: 9,900–11,500 kg

KW115: 11,000–12,800 kg

Bucket capacity:

0.15–0.48 m³

*optional

KEY FEATURES AT A GLANCE

The KW095 and KW115 wheeled excavators deliver high performance in confined working environments. Combining precise hydraulic control with a compact design, they are built for demanding urban and construction applications.

A CAB BUILT FOR COMFORT

- Spacious cab with wide door access
- Air-suspended comfort seat with seat heating, optional climate control and pneumatic lumbar support
- Excellent ergonomics with fully integrated joystick controls
- All-round visibility through the panoramic windscreen
- Air conditioning as standard
- Rear and side cameras integrated into the main display
- High-performance LED work lights



Air-suspended heated comfort seat

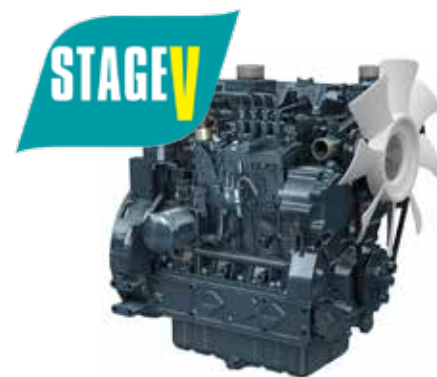


Height-adjustable premium joysticks and dual-display operating system



ORIGINAL KUBOTA ENGINE WITH DI SYSTEM WITH CRS AND DPF SILENCERS

The Kubota V3800 engine is equipped with state-of-the-art common rail technology (CRS) and a diesel particulate filter (DPF). This allows it to meet the stringent environmental requirements of emissions class Stage V. The more powerful 80 kW model features additional exhaust after-treatment via an SCR catalytic converter. Thanks to its robust, durable design, the DPF maintenance interval is extended to up to 6,000 operating hours. This applies to both the regeneration filter and the ash filter.



MAXIMUM PERFORMANCE. LOWER RUNNING COSTS

- Powerful Kubota diesel engines optionally with 55kW/75 hp (DPF) or 80kW/109hp (DPF + SCR catalytic converter)* in accordance with the latest emission standards
- Load-sensing hydraulics optimise fuel efficiency by delivering power on demand
- SSelectable operating modes (Sensitive, ECO, Power and Power-Plus)

* optional



READY FOR EVERY APPLICATION

With a compact swing radius, excellent stability and versatile mobility options, the wheeled excavator is built for confined working environments. Ideal for urban construction, roadworks and civil engineering applications.

- Hydraulic cylinder with robust piston rod protection on the dozer blade
- Variable boom for maximum versatility
- Hose burst protection for lifting, adjustment and dipper arm cylinders

BUILT AROUND YOUR OPERATION

**From seats and joysticks to configurable displays,
the operator environment can be tailored to suit the
way you work**

FAST ATTACHMENT CHANGES. PERFORMANCE ON DEMAND

The hydraulic HS08 quick coupler, swivel units and rotator preparation enable fast attachment changes and maximum attachment versatility.*

- Load-sensing hydraulics deliver power on demand with smooth, precise control.
- Medium-pressure auxiliary hydraulic settings can be adjusted directly via the display.
- The attachment library can store up to 20 attachment settings, including hydraulic flow and pressure. A case drain line increases attachment compatibility.



Hydraulic HS08 quick coupler with swivel unit



COMPACT AND MANOEUVRABLE

- Compact front and rear swing radius delivers excellent manoeuvrability in confined spaces.
- Automatic work brake *
- Joystick steering

* optional

The standard dozer blade can be paired with rear stabilisers or an individually adjustable split rear blade for added flexibility. This supports grading, levelling, safe lifting and high stability across a wide range of surfaces.

With the right combination of tyres, blade and stabilisers, the machine can be configured for anything from urban applications to demanding construction site work.



MOBILE IN EVERY SITUATION

- Twin or single tyre options to suit ground conditions, application and stability requirements
- Rear stabilisers or split dozer blade for enhanced stability and flexible grading performance
- All-wheel steering and compact swing radius deliver excellent manoeuvrability for urban and road construction applications
- Ground-level access to central maintenance points
- Standard refuelling pump helps minimise downtime



Stabilizers.

All-wheel steering, including crab steer, delivers excellent manoeuvrability and precise positioning in confined working environments. Combined with a choice of twin or single tyres, the machine can be configured to suit varying ground conditions, stability requirements and operator comfort.

VARIABLE BOOM

Maximum manoeuvrability with reduced repositioning. With excellent side reach and clear visibility in confined spaces, the variable boom helps maximise productivity on site.



COMPACT BY DESIGN

The boom can be positioned close to the upper structure, reducing front swing radius and increasing stability during lifting operations. Ideal for confined urban environments and restricted jobsites.

EXTENDED WORKING RANGE

The boom geometry enables efficient working close to the machine while maintaining excellent reach and dump height.

MAXIMUM MANOEUVRABILITY IN CONFINED SPACES

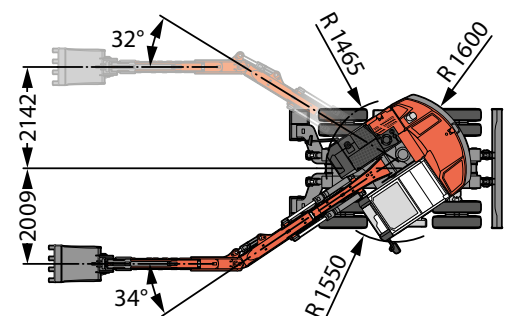
The variable boom delivers precise operation in confined spaces, even when working close to walls and obstacles. A large side working offset reduces the need for repositioning, helping maintain productivity in restricted areas. At

the same time, the rear-mounted arm cylinder improves front-end clearance, supporting easier operation with buckets and fork attachments. The result is excellent visibility, high productivity and outstanding flexibility on site.



POSITION WITH PRECISION

The variable boom enables precise operation across multiple working angles, making it ideal for confined and built-up environments where machine repositioning needs to be kept to a minimum.



HIGH LIFTING CAPACITIES

Despite its articulated design, the boom geometry is engineered for high lifting performance. Positioning the boom closer to the machine's centre of gravity improves stability and supports safe handling of heavier loads.



PROVEN ON SITE

Compact dimensions. High performance.

PERFORMANCE AT ITS BEST

Powerful engine options and a responsive hydraulic system deliver strong performance across a wide range of applications. Load-sensing hydraulics provide power on demand for smooth, precise operation without unnecessary fuel consumption. With hydraulic flow rates of up to 194 l/min and operating pressures of up to 350 bar, the machine is built to handle demanding attachments and high daily workloads. Four selectable working modes, Sensitive, ECO, Power and Power-Plus, allow hydraulic performance to be matched to the task, from precision work to maximum digging performance.

PRODUCTIVITY ON EVERY JOB

High travel speeds help reduce transfer times between jobsites, improving productivity throughout the working day. With a standard travel speed of 20 km/h and optional speeds of up to 30 or 40 km/h depending on specification, the machine is built for efficient movement between sites.

OFF-ROAD CAPABILITY

High ground clearance, traction and pulling power support confident operation on challenging terrain. Infinitely variable travel modes and steering functions, including all-wheel and crab steer, provide excellent manoeuvrability in restricted or demanding working environments.

EFFICIENCY, REDEFINED

LONG-TERM EFFICIENCY.

Strong performance is matched with a focus on fuel efficiency and operating costs. Intelligent engine and hydraulic management ensure power is delivered only when required, helping reduce fuel consumption, lower emissions and improve productivity throughout the working day. Durable components, straightforward maintenance and extended service intervals also help minimise downtime and support long-term value.

AUTOMATIC IDLE & ENGINE SHUTDOWN

Automatic idle control helps reduce unnecessary fuel consumption during periods of inactivity by lowering engine speed when hydraulic functions are not in use, before returning to full performance when required. An optional automatic engine shutdown function further reduces idle time, helping lower fuel consumption and noise levels.

LOAD-SENSING PERFORMANCE

Load-sensing hydraulics deliver power only when required, providing fast response and precise control across a wide range of applications and attachments. Hydraulic flow rates of up to 194 l/min and operating pressures of up to 350 bar deliver dependable performance when needed most.

LOWER COST OF OWNERSHIP

Durable components, centralised maintenance points and optimised service intervals help reduce downtime and daily maintenance requirements, supporting lower operating costs over the life of the machine.

Clear machine information and rear camera visibility through the main display



Robust hydraulics and durable boom geometry support reliable performance in all conditions



COMFORT THAT DRIVES PRODUCTIVITY

LARGE CAB

The spacious cab delivers excellent visibility and a comfortable working environment. A panoramic windscreen and large glazed areas provide clear all-round visibility, helping the operator maintain awareness of the working area at all times.

COMFORT FEATURES

Air-suspended seating, climate control and practical storage solutions help create a comfortable operator environment, even during long working days. Designed to reduce fatigue and support productivity on site.

INTUITIVE CONTROLS

The operating system combines touchscreen functionality with a clear dual-display layout for straightforward machine control. Open system architecture also supports future software updates and additional functionality.

ELECTRO-HYDRAULIC CONTROLS

Electro-hydraulic controls provide smooth, low-effort operation with reduced vibration and lower noise levels, while also supporting future machine assistance and automation functions.

MAINTENANCE MADE EASY

Ground-level access to key maintenance points helps simplify daily checks and servicing. An optional automatic central lubrication system supports component longevity, while durable components and extended service intervals help minimise downtime and reduce operating costs.

High-performance LED work lights



Ground-level access to key maintenance points





RELIABILITY WITHOUT COMPROMISE

VERSATILE APPLICATIONS

The compact design of the KW095 and KW115 supports precise operation in confined urban environments. Whether excavating or lifting, the machine delivers stable, controlled performance across a wide range of applications.

LED WORK LIGHT PACKAGE

High-performance LED work lights provide excellent visibility in low-light and poor weather conditions. Designed for durability, they also offer long service life with minimal maintenance requirements.

HOSE BURST PROTECTION

Safety valves on lifting, adjustment and arm cylinders help prevent uncontrolled lowering of the attachment, supporting safe operation and improved control during lifting applications.

ROBUST CONSTRUCTION

High-strength steel components deliver durability and dimensional stability, even under demanding operating conditions. Designed for harsh jobsites, the machine maintains dependable performance across changing temperatures, intensive workloads and challenging terrain.

ENGINEERED FOR THE BEST

Key components, including hydraulics, electronics and slewing systems, are designed to work together for dependable long-term performance. The result is a machine built for durability, reliability and demanding daily operation.

TECHNICAL DATA

DIESEL ENGINE

Power as per ISO 9249	55 kW (75 PS) at 2,000 rpm 80 kW (109 PS) at 2,200 rpm (optional)
Engine model	KUBOTA V3800
Type	4-cylinder in-line engine
Bore/stroke	100/120 mm
Displacement	3.8 l
Work process	4-stroke diesel Common rail injection system Direct injection Turbocharger with intercooling ¹ Emissions optimised
Air filter	Dry air filter with pre-separator, main element and safety element
Automatic idle	Sensor-controlled

ELECTRICAL SYSTEM

Operating voltage	24 V
Battery	2 x 95 Ah/12 V
Stage V	
Exhaust gas cleaning	55 kW: EGR, DOC/DPF 80 kW: EGR, DOC/DPF + SCR
Fuel tank capacity	130 l
DEF tank capacity	20 l
Tier 4 Final	
Exhaust gas cleaning	SCR technology ²

COOLING SYSTEM

Diesel engine	Water-cooled Compact cooling system, consisting of a cooling unit for water, hydraulic oil, charge air with a continuously variable, thermostatically-controlled fan
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CONTROL

Energy distribution	Using control valves with integrated safety valves, simultaneous and independent operation of the chassis, swivel mechanism and working equipment
Equipment and swivel mechanism	With electro-hydraulic preliminary control and proportional joysticks
Travel	With electro-proportional foot pedal
Additional functions	Using switches or electro-proportional foot pedals
Proportional control	Proportional sensors on the joysticks for additional hydraulic functions

EQUIPMENT

Type	High-strength steel sheets in highly stressed areas for the toughest requirements. Extensive and stable storage of equipment and cylinders
Hydraulic cylinders	Cylinders with special sealing and guide system and, depending on the cylinder type, with end position damping
Bearing points	Sealed and low-maintenance

HYDRAULIC SYSTEM

Hydraulic pump	
For equipment and chassis	Axial piston variable displacement pump
Maximum flow rate	194 l/min. at 1,800 rpm (working) 237 l/min. at 2,200 rpm (driving)
Maximum operating pressure	350 bar
Pump regulation and control	Synchronous comfort system with electronic limit load control, pressure cut-off, demand current control, swivel circle priority and torque control
Hydraulic tank capacity	93 l
Hydraulic system capacity	max. 105 l
MODE selection	Engine and hydraulic power can be adjusted via mode pre-selection to suit the specific operating conditions, e.g. for particularly cost-effective and environmentally-friendly operation or for maximum excavating performance and heavy-duty applications
S (Sensitive)	Mode for particularly sensitive work or lifting of loads
E (Eco)	Mode for particularly cost-effective and environmentally-friendly operation
P (Power)	Mode for high performance with low fuel consumption
P+ (Power-Plus)	Mode for maximum performance and very heavy-duty applications, suitable for continuous operation
Speed and power setting	Continuous adjustment of engine and hydraulic power via the speed
Option	Tool control: 20 fixed flow rates and pressures for optional attachments can be selected on the display
Additional function	Extended hydraulic circuit (preparation for swivel rotator) for special applications

SWIVEL MECHANISM

Drive	Axial piston motor with integrated brake valve and torque control
Slewing ring	Internally toothed, sealed ball bearing slewing ring
Upper carriage speed	0–10.0 rpm continuous
Swivel torque	28 kNm
Parking brake	Wet discs (negative acting)
Option	Manual positioning pivot brake; automatic positioning pivot brake

OVERALL MACHINE

Lubrication	Central lubrication system* for upper carriage and equipment, fully automatic
Ladder system	Safe and durable access system with non-slip walking surfaces; Main components hot-dip galvanised
Sound emission	
ISO 6396	76 dB(A) = LpA (in driver's cab)
2000/14/EC	99 dB(A) = LWA (outside)

* optional

CAB

Cab	ROPS safety cabin structure (anti-rollover protection) with front windscreen available separately or with a lower section that slides under the roof, headlights integrated in the roof, door with sliding window, large storage and stowage options, vibration-absorbing mounting, sound insulation, laminated safety glass (VSG), separate sunshades for roof and front windscreen
Comfort driver's seat	Air-cushioned driver's seat with three-dimensional, adjustable armrests, headrest, lap belt, seat heating (1-stage), manual weight adjustment and mechanical lumbar support
Premium Comfort driver's seat (option)	In addition to driver's seat comfort, it features lockable horizontal suspension, automatic weight adjustment, adjustable damper firmness, pneumatic lumbar support, passive seat climate control with activated carbon and seat heating (2-stage)
Arm consoles	Joysticks with swivelling control consoles and seat, folding left-hand control console
Operation and display	Large, high-resolution, self-explanatory operating unit with touchscreen colour display, video capable, versatile setting, control and monitoring options such as climate control, fuel consumption, machine and tool parameters
Air conditioning	Air conditioning, recirculation function, rapid defrosting and dehumidification at the touch of a button, ventilation flaps can be operated via menu; recirculation and fresh air filters easy to change and accessible from outside; heating/cooling unit designed for extreme outside temperatures

VIBRATION EMISSION*

Hand/arm vibrations	< 2.5 m/s²
Whole-body vibrations	< 0.5 m/s²
Measurement uncertainty	In accordance with standard EN 12096:1997

UNDERCARRIAGE

Drive	Two-speed power-shift transmission and electrically-operated crawler gear, Liebherr axial piston motor with double-acting brake valve
Tractive force	76 kN
Travel speed	0–4.0 km/h continuous (terrain crawler gear) 0–7.0 km/h continuous (terrain) 0–12.0 km/h continuous (road crawler gear) 0–20.0 km/h continuous (road) 0–max. 30.0 or 37.0 km/h Speeder (option)
Driving mode	Automotive driving with accelerator pedal, cruise control function: Accelerator pedal position can be continuously stored, both off-road and on-road
Axes	8-tonne drive axles, manually- or automatically-operated hydraulic locking of the pendulum steering axle
Option	All-wheel steering
Steering programs	Front-wheel, rear-wheel and all-wheel steering, lateral movement in crab steering, turning on the spot
Service brake	Dual-circuit braking system with pressure accumulator; wet, low-backlash multi-disc brakes
Automatic work brake	Automatic function when starting (acceleration pedal) and when the machine is stationary (locking); the work brake engages automatically – can be coupled with automatic pendulum axle locking
Parking brake	Wet discs (negative acting)
Support variants	Rear support blade Rear arms + front support blade Split rear support blade + front support blade

1) 55 kW variant without intercooling, 80 kW variant with intercooling
2) For the 80 kW variant only
* For risk assessment according to 2002/44/EC, see ISO/TR 25398:2006

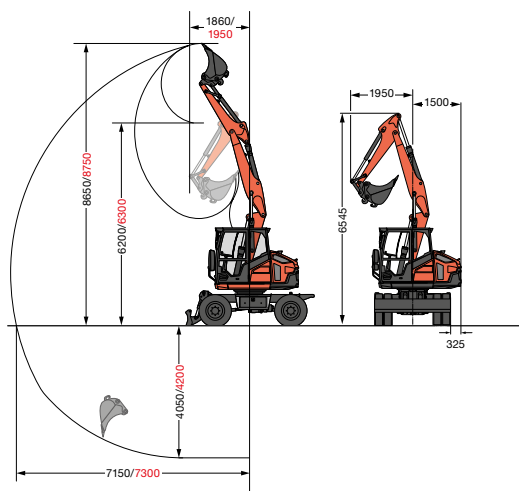
I KW095 LIFTING CAPACITY TABLE

Adjustable boom 4,400 mm | Variable adjustable boom 4,500 mm, 1,900 mm dipper arm

	Supported undercarriage		2.0 m			3.0 m			4.0 m			5.0 m			6.0 m													
m	Rear	Front																		m								
7.0	-	-			2.3*	3.5*	2.3*	3.5*										1.9*	3.0	1.9*	3.3*	3.5	3.3					
	Blade	-			2.3*	3.5*	2.3*	3.5*										1.9*	3.3*	1.9*	3.3*							
	Arms	-			2.3*	3.5*	2.3*	3.5*										1.9*	3.3*	1.9*	3.3*							
	Split blade	-			2.3*	3.5*	2.3*	3.5*										1.9*	3.3*	1.9*	3.3*							
6.0	-	-			2.3*	3.4*	2.5*	3.4*	2.2*	2.3	2.2*	2.8*						1.7*	1.7	1.7*	2.6*	4.7	4.6					
	Blade	-			2.3*	3.4*	2.5*	3.4*	2.2*	2.6	2.2*	2.8*						1.7*	2.0	1.7*	2.6*							
	Arms	-			2.3*	3.4*	2.5*	3.4*	2.2*	2.8*	2.2*	2.8*						1.7*	2.4	1.7*	2.6*							
	Split blade	-			2.3*	3.4*	2.5*	3.4*	2.2*	2.8*	2.2*	2.8*						1.7*	2.5	1.7*	2.6*							
5.0	-	-			2.3*	3.5*	2.5*	3.5*	2.3	2.3	2.4*	2.9*	1.6	1.5	2.1*	2.4		1.3	1.3	1.5*	2.1	5.5	5.4					
	Blade	-			2.3*	3.5*	2.5*	3.5*	2.4*	2.5	2.4*	2.9*	1.8	1.7	2.1*	2.4*		1.5	1.5	1.5*	2.3*							
	Arms	-			2.3*	3.5*	2.5*	3.5*	2.4*	2.9*	2.4*	2.9*	2.1*	2.1	2.1*	2.4*		1.5	1.8	1.5*	2.3*							
	Split blade	-			2.3*	3.5*	2.5*	3.5*	2.4*	2.9*	2.4*	2.9*	2.1*	2.2	2.1*	2.4*		1.5*	1.9	1.5*	2.3*							
4.0	-	-	2.4*	2.4*		2.7*	3.5	3.1*	3.8*	2.3	2.3	2.7*	3.0*	1.6	1.5	2.4	2.3	1.1		1.6*	1.1	1.0	1.5*	1.7	6.0	5.9		
	Blade	-	2.4*	2.4*		2.7*	3.8*	3.1*	3.8*	2.5	2.5	2.7*	3.0*	1.8	1.7	2.5*	2.5*	1.3		1.6*	1.2	1.2	1.5*	2.1*				
	Arms	-	2.4*	2.4*		2.7*	3.8*	3.1*	3.8*	2.7	3.0*	2.7*	3.0*	2.2	2.1	2.5*	2.5*	1.6*		1.6*	1.5*	1.5	1.5*	2.1*				
	Split blade	-	2.4*	2.4*		2.7*	3.8*	3.1*	3.8*	2.7*	3.0*	2.7*	3.0*	2.2	2.2	2.5*	2.5*	1.6*		1.6*	1.5*	1.5	1.5*	2.1*				
3.0	-	-	5.4*	5.4*		3.4	3.3	4.2*	3.9*	2.3	2.2	3.1*	1.6	1.5	2.4	2.3	1.1	1.0	1.7	1.7	1.0	0.9	1.5*	1.5	6.3	6.2		
	Blade	-	5.4*	5.4*		3.8	3.7	4.2*	3.9*	2.5	2.4	3.1*	1.8	1.7	2.5*	2.5*	1.3	1.2	2.2*	2.1*	1.1	1.1	1.5*	2.0*				
	Arms	-	5.4*	5.4*		4.1*	3.9*	4.2*	3.9*	3.0	2.9	3.1*	1.1	2.2	2.1	2.5*	2.5*	1.6	1.5	2.2*	2.1*	1.4	1.4	1.5*			2.0*	
	Split blade	-	5.4*	5.4*		4.1*	3.9*	4.2*	3.9*	3.0	2.9	3.1*	2.2	2.1	2.5*	2.5*	1.6	1.5	2.2*	2.1*	1.4	1.4	1.5*	2.0*				
2.0	-	-	5.9*	4.9*	5.9*	4.9*	3.3	3.2	4.5*	4.2*	2.2	2.2	3.2	3.1	1.5	1.4	2.3	2.1	1.0	1.7	1.6	0.9	0.8	1.5	1.4	6.5	6.4	
	Blade	-	5.9*	4.9*	5.9*	4.9*	3.7	3.6	4.5*	4.2*	2.5	2.4	3.3*	3.2*	1.7	1.6	2.6*	2.5*	1.2	1.1	2.1*	2.0*	1.0	1.0	1.6*			1.8*
	Arms	-	5.9*	4.9*	5.9*	4.9*	4.4	4.2*	4.5*	4.2*	2.9	2.8	3.3*	3.2*	2.1	2.1	2.6*	2.5*	1.5	1.4	2.1*	2.0*	1.3	1.3	1.6*			1.8*
	Split blade	-	5.9*	4.9*	5.9*	4.9*	4.4	4.2*	4.5*	4.2*	3.0	2.9	3.3*	3.2*	2.2	2.1	2.6*	2.5*	1.6	1.5	2.1*	2.0*	1.3	1.3	1.6*			1.8*
1.0	-	-	6.1	6.0	6.3*	6.4*	3.3	3.2	4.6*	4.4*	2.2	2.1	3.2	3.1	1.5	1.4	2.3	2.2	1.0	0.9	1.7	1.6	0.9	0.8	1.5	1.4	6.5	6.4
	Blade	-	6.3*	6.4*	6.3*	6.4*	3.7	3.6	4.6*	4.4*	2.5	2.4	3.3*	3.2*	1.7	1.6	2.6*	2.5*	1.2	1.1	2.1*	2.0*	1.0	1.0	1.7*	1.7*		
	Arms	-	6.3*	6.4*	6.3*	6.4*	4.4	4.2	4.6*	4.4*	2.9	2.8	3.3*	3.2*	2.1	2.0	2.6*	2.5*	1.5	1.4	2.1*	2.0*	1.3	1.2	1.7*	1.7*		
	Split blade	-	6.3*	6.4*	6.3*	6.4*	4.4	4.3	4.6*	4.4*	2.9	2.9	3.3*	3.2*	2.1	2.0	2.6*	2.5*	1.5	1.4	2.1*	2.0*	1.3	1.3	1.7*	1.7*		
0	-	-	6.2	6.1	6.9*	6.8*	3.2	3.1	4.6*	4.4*	2.1	2.0	3.2	3.1	1.4	1.3	2.3	2.1	1.0	0.9	1.7	1.5	0.9	0.8	1.5	1.5	6.3	6.2
	Blade	-	6.9*	6.8*	6.9*	6.8*	3.6	3.6	4.6*	4.4*	2.3	2.2	3.3*	3.2*	1.6	1.5	2.6*	2.5*	1.2	1.0	2.0*	1.8*	1.1	1.0	1.7*	1.5*		
	Arms	-	6.9*	6.8*	6.9*	6.8*	4.4	4.3	4.6*	4.4*	2.9	2.8	3.3*	3.2*	2.0	1.9	2.6*	2.5*	1.5	1.4	2.0*	1.8*	1.4	1.3	1.7*	1.5*		
	Split blade	-	6.9*	6.8*	6.9*	6.8*	4.5	4.3	4.6*	4.4*	3.0	2.9	3.3*	3.2*	2.0	1.9	2.6*	2.5*	1.5	1.4	2.0*	1.8*	1.4	1.3	1.7*	1.5*		
-1.0	-	-	5.9	5.8	7.3*	7.1*	3.0	2.9	4.7*	4.5*	2.0	1.8	3.2	3.0	1.3	1.2	2.2	2.1				1.0	0.9	1.5*	1.3*	5.9	5.8	
	Blade	-	7.1	6.9	7.3*	7.1*	3.5	3.4	4.7*	4.5*	2.2	2.1	3.4*	3.3*	1.5	1.4	2.6*	2.3*				1.1	1.1	1.5*	1.3*			
	Arms	-	7.3*	7.1*	7.3*	7.1*	4.5	4.4	4.7*	4.5*	2.8	2.7	3.4*	3.3*	1.9	1.8	2.6*	2.3*				1.5	1.3*	1.5*	1.3*			
	Split blade	-	7.3*	7.1*	7.3*	7.1*	4.6	4.4	4.7*	4.5*	2.9	2.7	3.4*	3.3*	2.0	1.8	2.6*	2.3*				1.5	1.3*	1.5*	1.3*			
-2.0	-	-	5.9	5.7	7.3*	7.1*	2.9	2.7	4.6*	4.4*	1.8	1.7	3.1	2.8*	1.3	1.2	1.9*	1.4*				1.2	1.1	1.3*	1.2*	5.3	5.1	
	Blade	-	7.0	6.8	7.3*	7.1*	3.4	3.2	4.6*	4.4*	2.1	2.0	3.1*	2.8*	1.5	1.4	1.9*	1.4*				1.3*	1.2*	1.3*	1.2*			
	Arms	-	7.3*	7.1*	7.3*	7.1*	4.4	4.2	4.6*	4.4*	2.7	2.5	3.1*	2.8*	1.9*	1.4*	1.9*	1.4*				1.3*	1.2*	1.3*	1.2*			
	Split blade	-	7.3*	7.1*	7.3*	7.1*	4.4	4.2	4.6*	4.4*	2.7	2.6	3.1*	2.8*	1.9*	1.4*	1.9*	1.4*				1.3*	1.2*	1.3*	1.2*			
-3.0	-	-	5.6*	4.7*	5.6*	4.7*	2.9*	2.6*	2.9*	2.6*												2.0	2.2*	2.1*	2.2*	3.7	3.2	
	Blade	-	5.6*	4.7*	5.6*	4.7*	3.3*	2.6*	2.9*	2.6*												2.1*	2.2*	2.1*	2.2*			
	Arms	-	5.6*	4.7*	5.6*	4.7*	3.3*	2.6*	2.9*	2.6*												2.1*	2.2*	2.1*	2.2*			
	Split blade	-	5.6*	4.7*	5.6*	4.7*	3.3*	2.6*	2.9*	2.6*												2.1*	2.2*	2.1*	2.2*			

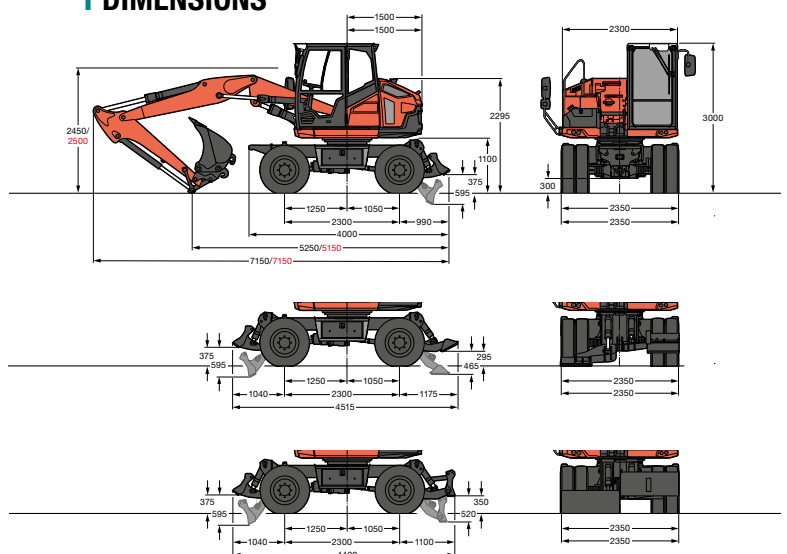
 Can be swivelled 360°  In longitudinal direction  Max. range * Limited by hydr. lifting force

I WORKING RANGE



1,750 mm dipper arm/ 1,900 mm dipper arm

I DIMENSIONS



The load capacity values are specified in tonnes (t) on the load hook of the Liebherr SWA 33 quick coupler without excavating tools and apply on firm, level ground with the pendulum axle closed. The values transverse to the undercarriage can be swivelled by 360°. The values along the undercarriage ($\pm 15^\circ$) are given in relation to the steering axis when unsupported and the rigid axle when supported. These values apply when the adjusting cylinder is in its optimum position. The specified load capacities are based on ISO 10567 and amount to a maximum of 75% of the static tipping load or 87% of the hydraulic lifting capacity, or are limited by the permissible load capacity of the load hook on the quick coupler (max. 5 t). With the quick coupler removed, the load capacities can increase by up to 110 kg. According to the harmonised European standard EN 474-5, hydraulic excavators in lifting operation must be equipped with appropriate line-break safety devices, an overload warning device, a lifting device (e.g. load hook) and a load capacity table.

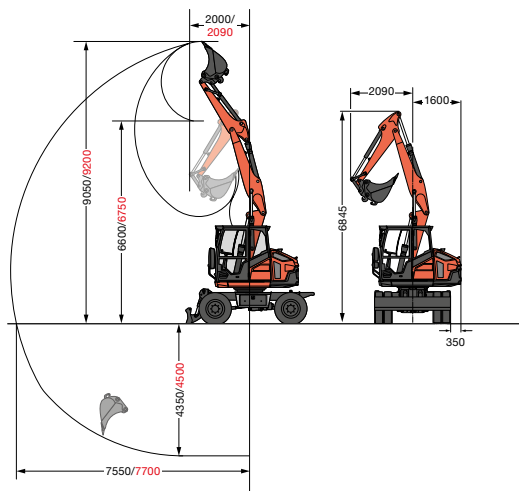
I KW115 LIFTING CAPACITY TABLE

Adjustable boom 4,650mm | Variable adjustable boom 4,800 mm, 2,005 mm dipper arm

m	Supported undercarriage		2.0 m		3.0 m		4.0 m		5.0 m		6.0 m				m													
	Rear	Front																										
8.0			5.4* 5.4* 5.4*	5.4* 5.4* 5.4*									2.5* 2.5* 2.5*	5.2* 5.2* 5.2*	2.5* 2.5* 2.5*	5.2* 5.2* 5.2*	2.5 2.5 2.5	2.2										
7.0	-	-			2.6*	4.0*	2.6*	4.0*	2.2*	3.0	2.2*	3.3*			1.9*	2.8	1.9*	3.3*	4.3	4.1								
	Blade	-			2.6*	4.0*	2.6*	4.0*	2.2*	3.3*	2.2*	3.3*			1.9*	3.2	1.9*	3.3*										
	Arms	-			2.6*	4.0*	2.6*	4.0*	2.2*	3.3*	2.2*	3.3*			1.9*	3.3*	1.9*	3.3*										
	Split blade	-			2.6*	4.0*	2.6*	4.0*	2.2*	3.3*	2.2*	3.3*			1.9*	3.3*	1.9*	3.3*										
6.0	-	-				3.9*	3.9*	2.5*	3.0	2.5*	3.3*	2.1	2.0	2.1*	2.8*	1.7*	1.9	1.7*	2.8*	5.3	5.2							
	Blade	-				3.9*	3.9*	2.5*	3.3*	2.5*	3.3*	2.1*	2.3	2.1*	2.8*	1.7*	2.1	1.7*	2.8*									
	Arms	-				3.9*	3.9*	2.5*	3.3*	2.5*	3.3*	2.1*	2.7	2.1*	2.8*	1.7*	2.5	1.7*	2.8*									
	Split blade	-				3.9*	3.9*	2.5*	3.3*	2.5*	3.3*	2.1*	2.8	2.1*	2.8*	1.7*	2.6	1.7*	2.8*									
5.0	-	-			2.4*	4.1*	2.4*	4.1*	2.6*	3.0	2.6*	3.3*	2.1	2.1	2.5*	2.8*	1.7*	1.5	1.6*	2.2	6.0	5.9						
	Blade	-			2.4*	4.1*	2.4*	4.1*	2.6*	3.3	2.6*	3.3*	2.4	2.3	2.5*	2.8*	1.7*	1.6*	1.7	2.5*								
	Arms	-			2.4*	4.1*	2.4*	4.1*	2.6*	3.3*	2.6*	3.3*	2.5*	2.7	2.5*	2.8*	1.7*	1.6*	2.0	2.5*								
	Split blade	-			2.4*	4.1*	2.4*	4.1*	2.6*	3.3*	2.6*	3.3*	2.5*	2.8	2.5*	2.8*	1.7*	1.6*	2.1	2.5*								
4.0	-	-	2.8*	2.8*	3.0*	4.5	3.0*	4.5	3.0	2.9	3.0*	3.5*	2.2	2.1	2.9*	2.9	1.4	2.2	2.2	1.3	1.3	1.6*	1.9	6.5	6.4			
	Blade	-	2.8*	2.8*	3.0*	4.5*	3.0*	4.5*	3.0*	3.2	3.0*	3.5*	2.4	2.3	2.9*	2.9*	1.7	1.6	2.4*	2.5*	1.5	1.4	1.6*			2.3*		
	Arms	-	2.8*	2.8*	3.0*	4.5*	3.0*	4.5*	3.0*	3.5*	3.0*	3.5*	2.7	2.7	2.9*	2.9*	2.0	2.0	2.4*	2.5*	1.6*	1.7	1.6*			2.3*		
	Split blade	-	2.8*	2.8*	3.0*	4.5*	3.0*	4.5*	3.0*	3.5*	3.0*	3.5*	2.8	2.8	2.9*	2.9*	2.1	2.0	2.4*	2.5*	1.6*	1.8	1.6*			2.3*		
3.0	-	-	6.1*	6.1*	4.4	4.3	4.9*	4.4*	2.9	2.9	3.7*	3.7*	2.1	2.1	2.9	2.8	1.5	1.4	2.2	2.1	1.2	1.1	1.6*	1.7	6.8	6.7		
	Blade	-	6.1*	6.1*	4.8	4.4*	4.9*	4.4*	3.2	3.1	3.7*	3.7*	2.3	2.3	3.0*	3.0*	1.7	1.6	2.5*	2.5*	1.3	1.3	1.6*	2.2*				
	Arms	-	6.1*	6.1*	4.9*	4.4*	4.9*	4.4*	3.7*	3.6	3.7*	3.7*	2.7	2.6	3.0*	3.0*	2.0	1.9	2.5*	2.5*	1.6	1.6	1.6*	2.2*				
	Split blade	-	6.1*	6.1*	4.9*	4.4*	4.9*	4.4*	3.7*	3.7	3.7*	3.7*	2.8	2.7	3.0*	3.0*	2.1	2.0	2.5*	2.5*	1.6*	1.6	1.6*	2.2*				
2.0	-	-	6.7*	5.3*	6.7*	5.3*	4.3	4.2	5.3*	4.8*	2.9	2.8	3.9*	2.1	2.0	2.9	2.8	1.5	1.4	2.2	2.1	1.1	1.1	1.7	1.6	6.9	6.8	
	Blade	-	6.7*	5.3*	4.7	4.6	5.3*	4.8*	3.2	3.1	3.9*	3.8*	2.3	2.3	3.1*	3.0*	1.7	1.6	2.5*	2.4*	1.3	1.2	1.7*	2.0*				
	Arms	-	6.7*	5.3*	4.7	4.6	5.3*	4.8*	3.6	3.5	3.9*	3.8*	2.7	2.6	3.1*	3.0*	2.0	1.9	2.5*	2.4*	1.5	1.5	1.7*	2.0*				
	Split blade	-	6.7*	5.3*	4.7	4.6	5.3*	4.8*	3.7	3.6	3.9*	3.8*	2.8	2.7	3.1*	3.0*	2.1	2.0	2.5*	2.4*	1.6	1.5	1.7*	2.0*				
1.0	-	-	7.1*	7.3*	7.1*	7.3*	4.3	4.2	5.4*	5.2*	2.9	2.8	3.9	2.1	1.9	2.9	2.8	1.4	1.3	2.1	2.0	1.1	1.0	1.7	1.6	6.9	6.8	
	Blade	-	7.1*	7.3*	4.7	4.6	5.4*	5.2*	3.1	3.1	3.9*	3.8*	2.3	2.2	3.1*	3.0*	1.6	1.5	2.5*	2.4*	1.2	1.2	1.8*	1.9*				
	Arms	-	7.1*	7.3*	5.4	5.2*	5.4*	5.2*	3.6	3.5	3.9*	3.8*	2.7	2.6	3.1*	3.0*	2.0	1.8	2.5*	2.4*	1.5	1.5	1.8*	1.9*				
	Split blade	-	7.1*	7.3*	5.4	5.2*	5.4*	5.2*	3.7	3.6	3.9*	3.8*	2.8	2.7	3.1*	3.0*	2.0	1.9	2.5*	2.4*	1.6	1.5	1.8*	1.9*				
0	-	-	8.0*	7.9*	8.0*	7.9*	4.2	4.2	5.4*	5.2*	2.8	2.7	3.9	1.8	1.8	2.9	2.7	1.4	1.3	2.1	2.0	1.1	1.0	1.7	1.7	6.7	6.6	
	Blade	-	8.0*	7.9*	4.8	4.6	5.4*	5.2*	3.1	3.0	4.0*	3.8*	2.2	2.0	3.1*	3.0*	1.6	1.5	2.5*	2.4*	1.3	1.2	1.9	1.7*				
	Arms	-	8.0*	7.9*	5.4	5.2*	5.4*	5.2*	3.6	3.6	4.0*	3.8*	2.6	2.5	3.1*	3.0*	1.9	1.8	2.5*	2.4*	1.6	1.5	1.9*	1.7*				
	Split blade	-	8.0*	7.9*	5.4*	5.2*	5.4*	5.2*	3.7	3.6	4.0*	3.8*	2.7	2.6	3.1*	3.0*	2.0	1.9	2.5*	2.4*	1.6	1.6	1.9*	1.7*				
-1.0	-	-	8.2	8.0	8.6*	8.3*	4.1	4.0	5.5*	5.3*	2.7	2.5	4.0	3.9	1.8	1.7	2.8	2.6	1.3	1.2	2.0	1.9	1.2	1.1	1.7*	1.5*	6.4	6.3
	Blade	-	8.6*	8.3*	4.7	4.6	5.5*	5.3*	3.0	2.8	4.0*	3.9	2.1	1.9	3.1*	3.0*	1.5	1.4	2.2*	2.0*	1.4	1.3	1.7*	1.5*				
	Arms	-	8.6*	8.3*	5.5*	5.3*	5.5*	5.3*	3.6	3.5	4.0*	3.9*	2.5	2.4	3.1*	3.0*	1.9	1.7	2.2*	2.0*	1.7	1.5*	1.7*	1.5*				
	Split blade	-	8.6*	8.3*	5.5*	5.3*	5.5*	5.3*	3.8	3.6	4.0*	3.9*	2.6	2.5	3.1*	3.0*	1.9	1.8	2.2*	2.0*	1.7*	1.5*	1.7*	1.5*				
-2.0	-	-	8.1	7.9	8.7*	8.6*	4.0	3.8	5.6*	5.4*	2.5	2.3	3.9	3.7*	1.8	1.6	2.7	2.4*			1.4	1.3*	1.4*	1.3*	5.9	5.7		
	Blade	-	8.7*	8.6*	4.6	4.4	5.6*	5.4*	2.9	2.7	4.0*	3.7*	2.0	1.9	2.7*	2.4*					1.4*	1.3*	1.4*	1.3*				
	Arms	-	8.7*	8.6*	5.6*	5.4*	5.6*	5.4*	3.5	3.3	4.0*	3.7*	2.4	2.3	2.7*	2.4*					1.4*	1.3*	1.4*	1.3*				
	Split blade	-	8.7*	8.6*	5.6*	5.4*	5.6*	5.4*	3.6	3.5	4.0*	3.7*	2.5	2.4	2.7*	2.4*					1.4*	1.3*	1.4*	1.3*				
-3.0	-	-	7.6	6.9*	7.6*	6.9*	3.9	3.6	4.7*	4.1*	2.4	2.3	2.9*	2.3*							1.9*	1.9*	1.9*	1.9*	4.6	4.3		
	Blade	-	7.6*	6.9*	4.4	4.1*	4.7*	4.1*	2.8	2.3*	2.9*	2.3*									1.9*	1.9*	1.9*	1.9*				
	Arms	-	7.6*	6.9*	4.7*	4.1*	4.7*	4.1*	2.9*	2.3*	2.9*	2.3*									1.9*	1.9*	1.9*	1.9*				
	Split blade	-	7.6*	6.9*	4.7*	4.1*	4.7*	4.1*	2.9*	2.3*	2.9*	2.3*									1.9*	1.9*	1.9*	1.9*				

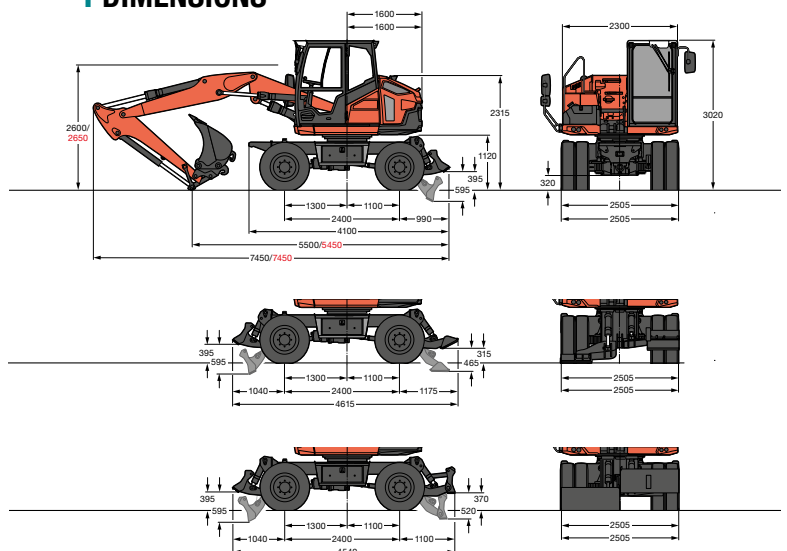
Can be swivelled 360° In longitudinal direction Max. range * Limited by hydr. lifting force

I WORKING RANGE



1,900 mm dipper arm/ 2,005 mm dipper arm

I DIMENSIONS



The load capacity values are specified in tonnes (t) on the load hook of the Liebherr SWA 33 quick coupler without excavating tools and apply on firm, level ground with the pendulum axle closed. The values transverse to the undercarriage can be swivelled by 360°. The values along the undercarriage (±15°) are given in relation to the steering axis when unsupported and the rigid axle when supported. These values apply when the adjusting cylinder is in its optimum position. The specified load capacities are based on ISO 10567 and amount to a maximum of 75% of the static tipping load or 87% of the hydraulic lifting capacity, or are limited by the permissible load capacity of the load hook on the quick coupler (max. 5 t). With the quick coupler removed, the load capacities can increase by up to 110 kg. According to the harmonised European standard EN 474-5, hydraulic excavators in lifting operation must be equipped with appropriate line-break safety devices, an overload warning device, a lifting device (e.g. load hook) and a load capacity table.

EQUIPMENT

Undercarriage	KW095	KW115
General information		
Tow hitch	○	○
Towbar coupling, with bolt (drawing eye diameter 40 mm), automatic	○	○
Gripper mounting bracket	○	○
Hydraulic connection for tipping the trailer (single-acting tipping cylinder)	○	○
Mudguard (rear and front)	○	○
Undercarriage lubrication (decentralised), manual (lubrication points)	●	●
Storage box, left	●	●
Storage box, right	○	○
Socket for trailer lighting, 24 V (ISO 1185 type N) (rear)	○	○
Undercarriage lubrication, manual (one lubrication point)	●	●
Supporting & driving		
Support blade, rear, 2,350 mm wide	●	—
Support blade, rear, 2,500 mm wide	—	●
Support blade, rear, split and support blade, front, 2,350 mm wide	○	—
Support blade, rear, split and support blade, front, 2,500 mm wide	—	○
All-wheel steering*	○	○
Single control, 2 arms	○	○
Single control, split blade	○	○
Travel speed 20 km/h	●	●
Piston rod protection, rear arms and front blade	●	●
Piston rod protection, rear blade	○	○
Piston rod protection, rear and front blade	○	○
Automatic pendulum axle	●	●
Rear arms, front support blade 2,350 mm wide	○	—
Rear arms, front support blade 2,500 mm wide	—	○
Single tyres, Alliance HD I-331, 500/45-20	○	—
Single tyres, Alliance HD I-331, 600/40-22.5	—	○
Speeder 30 km/h	○	○
Speeder 37 km/h	○	○
Twin tyres, Delcora SGX-1, 275/70 R 22.5	○	—
Twin tyres, Liebherr EM 22, 290/90-20 PR 18	—	○
Twin tyres, Mitas EM-22, 9.00-20 PR 14	●	●

Upper carriage	KW095	KW115
General information		
Upper carriage lubrication and equipment (decentralised), manual (lubrication points)	●	●
Tool kit including tool bag	●	●
Upper carriage lubrication and equipment, fully automatic	○	○
Hydraulics & engine		
Refuelling pump (fuel)	●	●
Hydraulic oil, Liebherr Hydraulic HVI (-20 to +40 °C)	●	●
Hydraulic oil, Liebherr Hydraulic Plus, High Performance Oil (-30 to +45 °C)	○	○
Automatic engine shutdown after idle (adjustable)	●	●
Automatic engine shutdown after idle (non-adjustable)	○	○
Engine capacity (acc. to ISO 9249) 55 kW/75 PS	●	●
Engine capacity (acc. to ISO 9249) 80 kW/109 PS	○	○
Bypass filter for hydraulic oil	○	○
Fuel preheating*	○	○

Equipment	KW095	KW115
Boom		
Boom floating position	○	○
Adjustable boom 4.40 m	●	—
Adjustable boom 4.65 m	—	●
Adjustable boom, laterally adjustable 4.50 m	○	—
Adjustable boom, laterally adjustable 4.80 m	—	○
Arm & tool holder		
LIKUFIX coupling system for SWA 33 quick coupler	○	○
Load holding valve for tilting cylinder	○	○
Load holding valve for tilting cylinder (both sides)	○	○
Dipper arm 1.75 m	○	—
Dipper arm 1.90 m	●	○
Dipper arm 2.05 m	—	●
HS 08 quick coupler	○	○
SWA 33 quick coupler, hydraulic	○	○
LIKUFIX protective bar	○	○
LITU 11 swivel unit, direct attachment	○	○
LITU 11 swivel unit, direct attachment with LIKUFIX	○	○
Swivel unit with HS 08	○	○
Signal contacts for LIKUFIX, 14-pin	○	○
Power socket on arm (24 V) above signal contacts	○	○
Power socket on arm, 24 V/ 10 A (ISO 1724)	○	○
Preparation for external quick coupler with release valve	○	○
Preparation for external quick coupler without release valve	○	○
Central lubrication, extended for quick coupler (with SWA33 only)	○	○
Central lubrication, extended for connecting link	○	○

Operation	KW095	KW115
Safety & working		
Work brake, automatic	○	○
Driving vibration damper	○	○
Automatic idle/RPM increase	●	●
Positioning pivot brake, automatic	○	○
Power Plus for Tools	○	○
Overload warning device	●	●
Hydraulics & control		
10" touchscreen colour display with haptic feedback	●	●
Digital operating panel	●	●
Urea level indicator on display	●	●
Medium-pressure circuit	●	●
Medium-pressure circuit (lateral) for rotation lines	○	○
High-pressure circuit with tool control, 2-line system with release valve and leakage oil line	○	○
High-pressure circuit with tool control, 3-line system with hammer return line (with SWA33 only)	○	○
Preparation for swivel rotator	○	○
Premium joysticks	●	●
Fuel level indicator on display	●	●
Steering wheel and joystick steering	○	○
Machine settings personalised on the display	●	●
Mode selection switch	●	●
Touchpad 3.5"	●	●
Assistance systems		
Electronic anti-theft protection with key	○	○
Cruise control system	●	●
Rear and side area monitoring on the right with camera	●	●
Smartphone interface	●	●
Smart key, standard	●	●
Preparation for machine control system	○	○

Cab	KW095	KW115	Packages	KW095	KW115
Interior			Comfort light package	●	●
2-point belt, 2"	●	●	Premium light package	○	○
Tablet storage compartment	●	●			
Storage nets	●	●			
Armrests adjustable in length, height and tilt	●	●			
Double pedal, left	○	○			
Standard driver's seat	●	●			
Comfort driver's seat	○	○			
Acoustic driver warning system, can be switched off	○	○			
Acoustic driver warning system, Brigade BBS, can be switched off	○	○			
Fire extinguisher	○	○			
Air-conditioned bottle holder	●	●			
Hands-free system	●	●			
Seatbelt warning system	●	●			
Air conditioning	●	●			
Steering column	●	●			
Multifunctional holder	○	○			
Positioning pivot brake, manual	○	○			
Comfort radio	○	○			
Radio preparation	●	●			
Sun blinds for windscreen and roof window	●	●			
Power socket in cab (24V)	●	●			
Power sockets in cab (USB)	●	●			
First-aid kit	○	○			
Warning triangle	○	○			
Exterior					
Exterior mirror	●	●			
Headlights, high beam	○	○			
Windscreen wipers	●	●			
Seatbelt warning device (visual) – green flashing warning light on cab	○	○			
Cab air filter, accessible from the floor	●	●			
License plate holder, illuminated	○	○			
Folding rotating beacon for cab, LED, 1-piece	○	○			
Light bar on cab, LED	○	○			
Rain canopy over windscreen	●	●			
Windscreen washer fluid reservoir accessible from the ground	●	●			
Laminated glass windscreen, slide-in, two-part	●	●			

● Standard | ○ Optional | – not available

* Country-dependent | ¹ No-cost activation required



KUBOTA EUROPE S.A.S.

19, rue Jules Vercauysse
Zone Industrielle – CS50088
95101 Argenteuil Cedex
France

Telephone: +33 (01) 34 26 34 34
Fax: +33 (01) 34 26 34 99



www.kubota-eu.com