



Powered by Hitachi Construction Machinery

BASIC MACHINE

375USLC-7

OPERATING WEIGHT

36,300 - 39,100 kg

ENGINE POWER

197 kW

KTEG 375USLC-7

36 t Short-Tail Excavator



About KTEG

We think and act in terms of holistic system solutions

Our team has been developing and manufacturing specialised solutions for over 20 years - tailored to the unique characteristics of each industry. We address new and recurring challenges by developing comprehensive system solutions in our seven business segments. Our vision is to be the leading innovator for key machines and technologies on the construction site.

HITACHI AND KTEG

The groundbreaking joint venture between Hitachi Construction Machinery and KTEG combines the best of two worlds: the reliable machines and comprehensive expertise of Hitachi and the agility and market proximity of KTEG.

Together, we set new benchmarks in the industry.

HITACHI KIESEL

KTEG

BRINGING TOGETHER THE BEST OF TWO WORLDS.

KTEG ...

- is Hitachi's European research and development centre.
- is used as a secondary brand alongside Hitachi.
- can implement customer requirements in physical and digital form within a short time.
- focuses on progressive customers who seek innovative, highly developed technology solutions that give them a competitive edge.



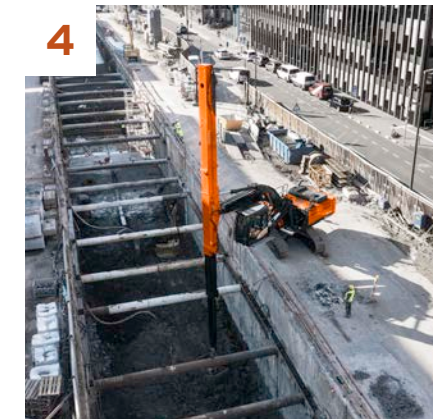
Research and development



Machines for the construction, material handling and compact machinery industries



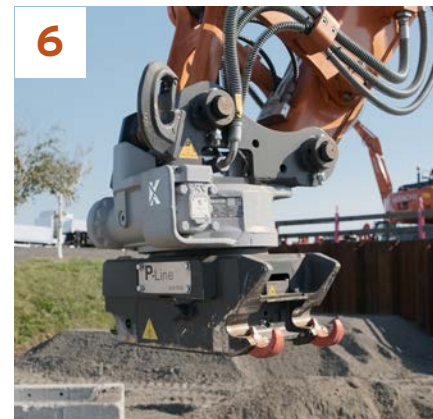
System solutions for zero emissions



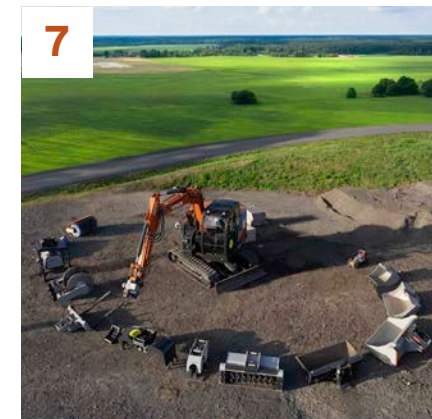
Custom solutions for the construction, material handling and compact equipment industries



Digital assistance systems



Quick-coupler systems



Attachments

360° VIEW AND A FOCUS ON THE CUSTOMER

Thanks to our expertise in product marketing, development, production, sales and service, we have an all-round view of the needs of our customers and apply our competence along the entire product life cycle.

YOUR DEALER NETWORK

KTEG system solutions for sales, rental and service are available from Kiesel in Germany, Austria and Switzerland.

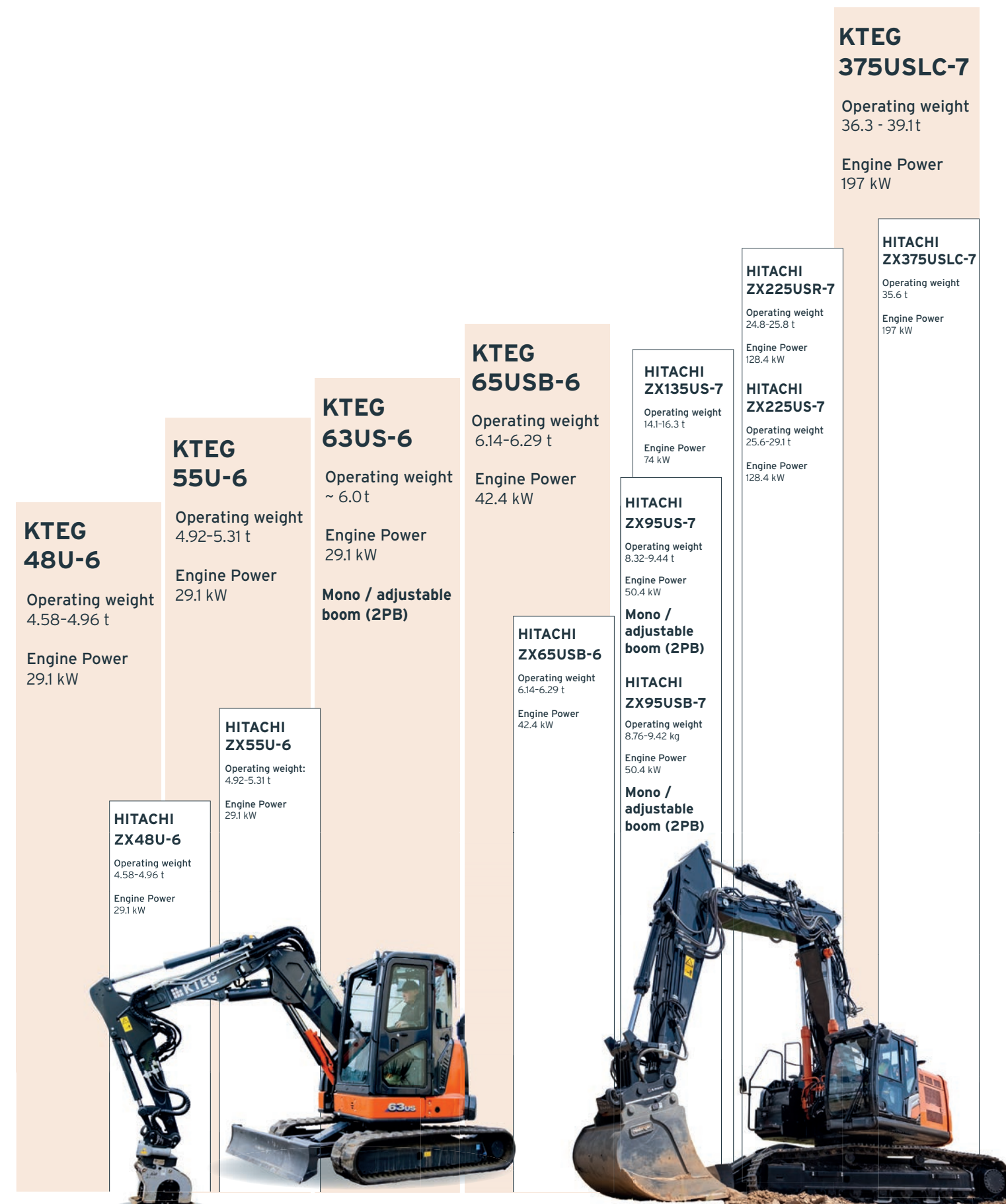
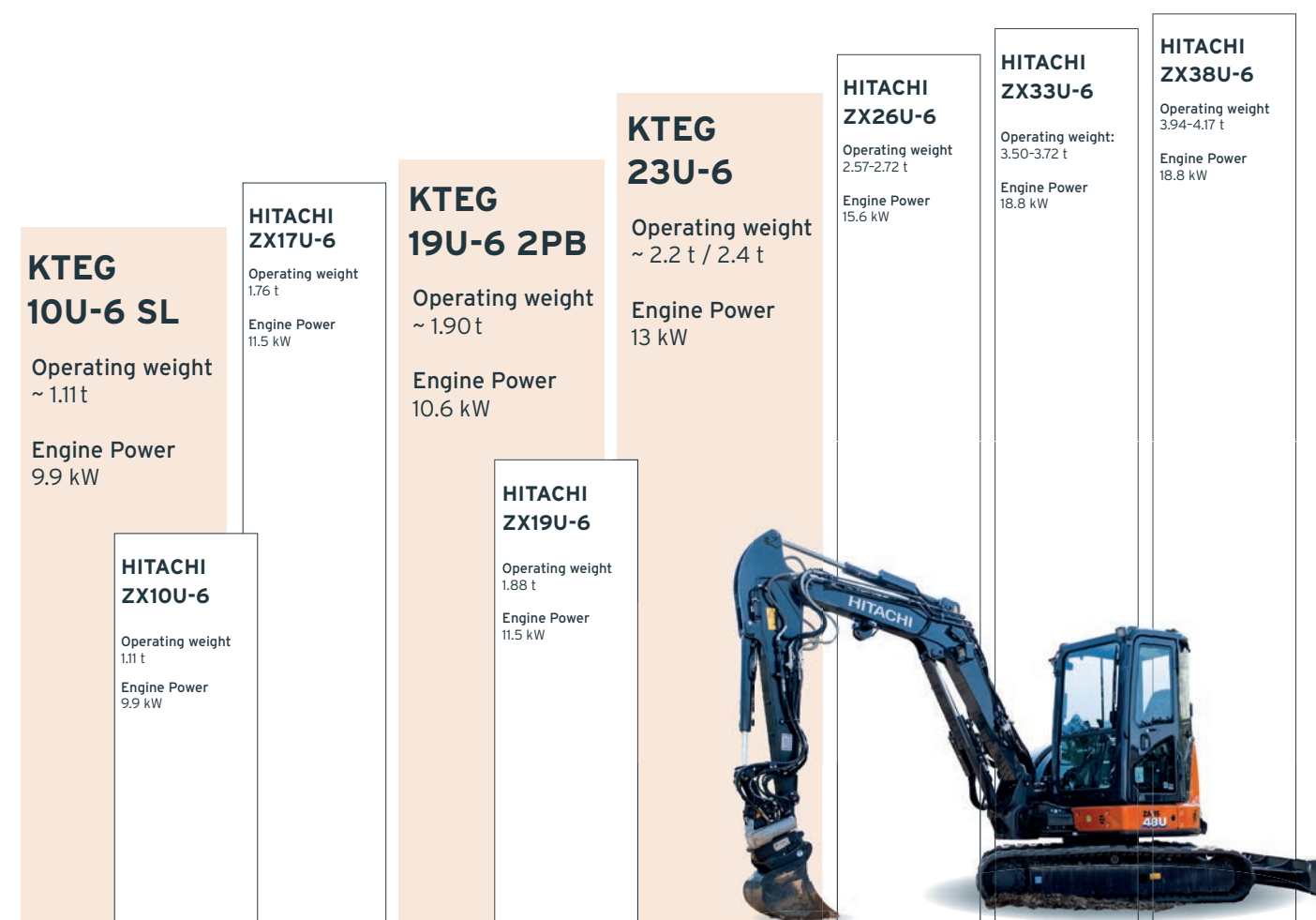
More than 40 dealers in over 25 countries sell KTEG machine and system solutions.



Find your dealer now!

The world's largest short-tail portfolio

KTEG strategically expands the Hitachi range with short-tail models specifically designed to meet today's demands for productivity and flexibility. These machines stand out with innovative USPs such as superior lifting performance, high attachment tool weights and the ability to serve as versatile multi-tool carriers. Thanks to their adaptability and power, they are ideal solutions for a wide range of construction site requirements - while setting new standards in their class.





KTEG 375USLC-7

at a glance

Maximum lifting power for confined work sites

KTEG LEADS THE WAY IN THE SHORT-TAIL EXCAVATOR SEGMENT

The US model sets new benchmarks for compactness, all-round visibility and performance. Thanks to its minimal front and tail swing radius, the KTEG 375USLC-7 remains highly manoeuvra-

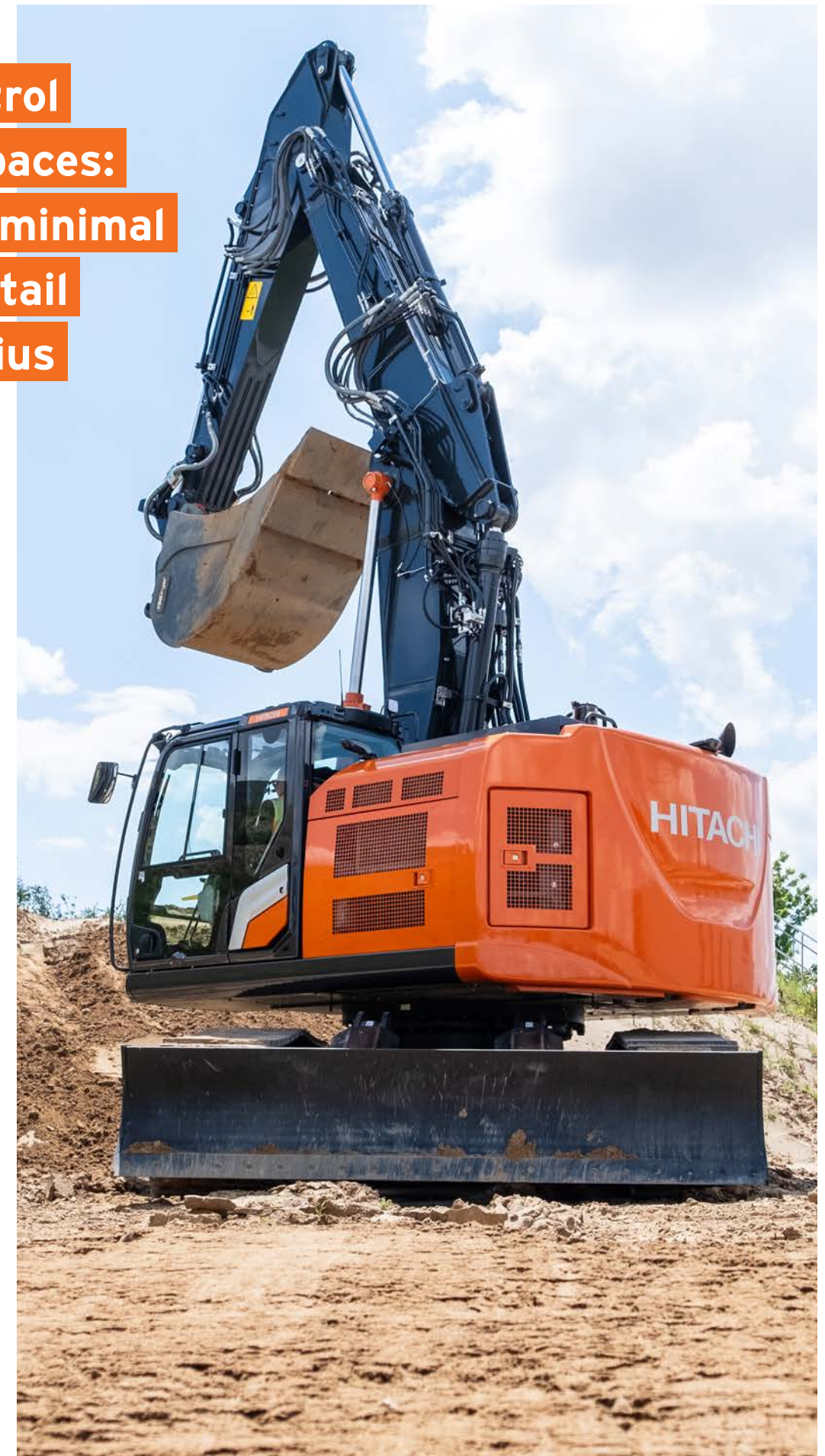
ble even on confined construction sites. The machine also delivers excellent lifting power, handling even the toughest jobs efficiently and reliably. In short: safety, agility improved visibility and stronger performance make the US variant the ideal solution for a wide range of challenges.

**Optimised
lifting power for
demanding
tasks**

By positioning the boom directly beside the cab, the centre of gravity is deliberately shifted rearwards, resulting in outstanding stability and lifting power.



**Total control
in tight spaces:
thanks to minimal
front and tail
swing radius**



Compact and versatile powerhouse



FULL HYDRAULIC PACKAGE
Standard features include a combined pump interconnection, proportional H1 and H2 piping, an additional gear pump for H2, a case drain line and OQ pipework - all complemented by a high-performance hydraulic filter to protect the hydraulic components.



VERSATILITY AND LOAD CAPACITY
With its adjustable boom, blade and reinforced undercarriage, the KTEG375USLC-7 combines an outstanding load-bearing capacity with incredible versatility. From sewer construction to demolition and road construction - it handles every task efficiently and safely.



MULTI TOOL CARRIER (MTC) CONCEPT
The machine can be equipped with KTEG OQR and CoPilot.



SHORT-TAIL EXCAVATOR
Minimal front and tail swing radius - ideal for confined work sites where every centimetre counts. At the same time, the operator has less need to focus on the rear of the machine, making manoeuvring easier and increasing safety on site.



MAXIMUM HYDRAULIC PERFORMANCE
With the highest hydraulic output in its class - 680 l/min - the KTEG375USLC-7 is the ideal carrier for all types of attachments. This ensures outstanding performance and versatility.



HIGH-QUALITY PRODUCT MADE IN JAPAN/GERMANY
Hitachi Japan's base machines are renowned worldwide for their quality and reliability. When combined with KTEG's expertise, they become state-of-the-art vehicles that meet the highest quality standards while delivering maximum performance.



BLADE WITH LOAD-HOLDING VALVE
Can be used as a stabilising blade, providing maximum stability even under heavy loads. The load-holding valve prevents unintended lowering, ensuring the highest level of safety on site.



Highlights of the KTEG 375USLC-7



Lift more, reach further

PRECISION AND REACH - PERFECTLY COMBINED
Thanks to its adjustable boom and blade, the KTEG 375USLC-7 achieves the best load capacities in its class. With a hydraulic output of up to 680 l/min, it sets the benchmark for operating all types of attachments. The result is maximum efficiency, outstanding versatility and exceptional precision - even in confined spaces or demanding working environments.



POWER AND VERSATILITY FOR EVERY TASK
Whether in heavy-duty sewer construction, special foundation, demolition or road construction - the KTEG 375USLC-7 delivers outstanding performance across all industries. As a powerful carrier for a wide range of attachments, it adapts flexibly to every task. Rugged, powerful and extremely versatile, it ensures maximum efficiency and productivity - even in the harshest operating conditions.



YOUR BENEFITS

Highest load capacity in its class

For maximum productivity in heavy-duty applications.

Adjustable boom for greater flexibility

Enables extended reach in confined spaces.

680 l/min hydraulic output

Delivers power for demanding attachments and maximum efficiency.

Maximum stability

Thanks to a robust undercarriage based on the Hitachi ZX350-7 (from the next-highest machine class), along with additional pipe-rupture valves in the blade.

HIGHEST LOAD CAPACITY IN ITS CLASS

The KTEG 375USLC-7 is engineered for maximum lifting capacity. Its reinforced undercarriage based on the Hitachi ZX350-7 (from the next-highest machine class), robust blade equipped with pipe-rupture valves, and powerful adjustable boom ensure exceptional stability and safety, even when handling heavy loads. Thanks to its well-thought-out design, this short-tail excavator can lift more than comparable machines and also boasts the highest cutting height in its class. The KTEG 375USLC-7 delivers unbeatable lifting performance across the entire working range - enabling you to tackle any challenge efficiently and safely.

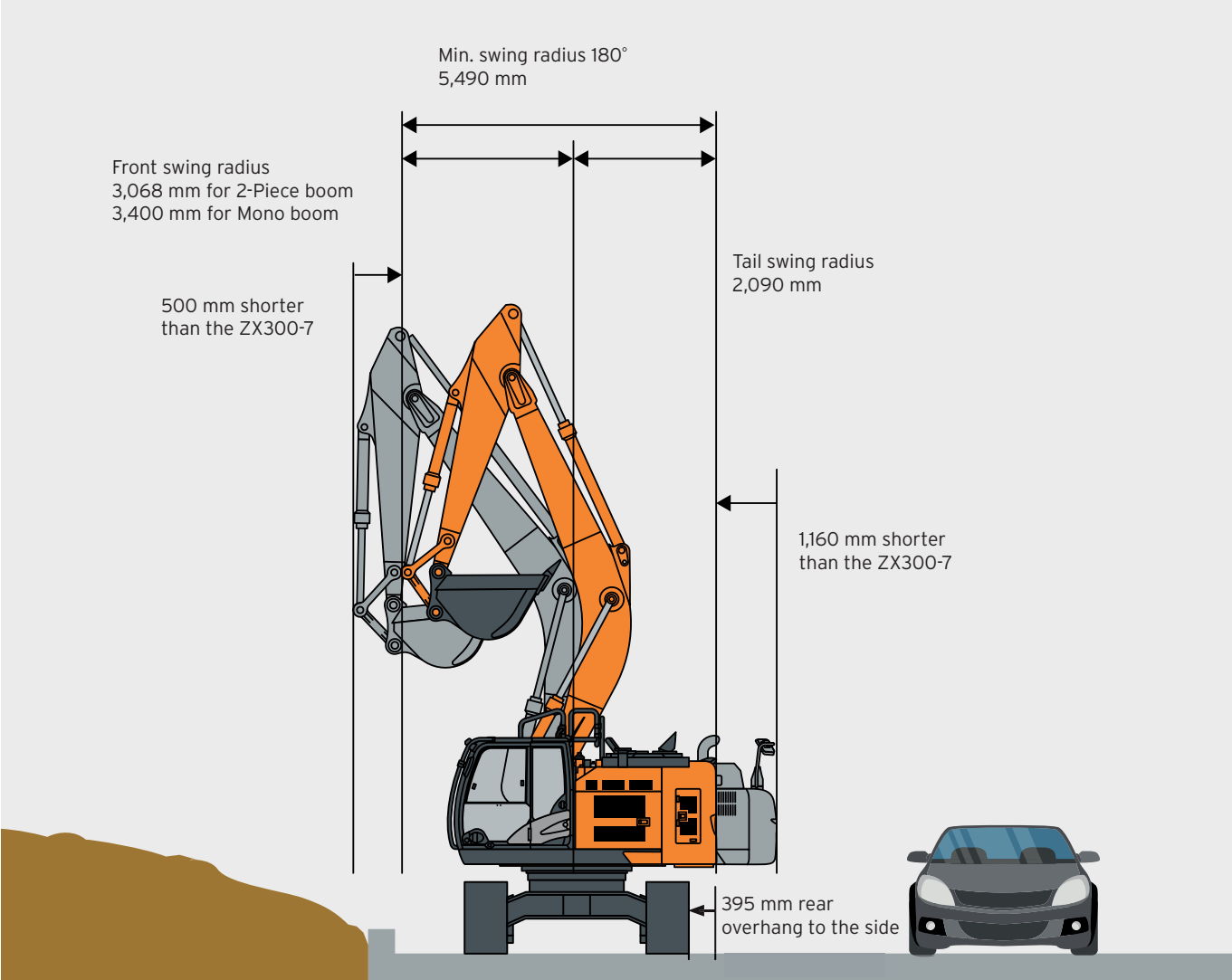


Maximum performance, minimal footprint

SHORT-TAIL DESIGN FOR FULL CONTROL ON CONFINED WORK SITES

Minimal front and tail swing radius - perfect for working in tight areas; for example, inner-city road construction projects, demolition work or densely built-up construction sites. This allows the excavator to work precisely along walls, manoeuvre without restrictions and often requires only a single lane to be closed during road construction. At the same time, the

operator can focus less on the rear of the machine, making work even safer and more efficient. Whether using a demolition shear, pulveriser or sorting grab - the machine delivers all the power needed for a wide range of hydraulic attachments. Thanks to its short-tail design, it remains fully manoeuvrable even in confined spaces, without compromising on performance. Ideal for projects where precision, power and compact dimensions are essential.



UNRIVALLED MANOEUVRABILITY, POWERFUL PERFORMANCE

The KTEG 375USLC-7 sets new standards in the 36-tonne class. With a tail swing radius of just 2.09 m and a front swing radius of 3.07 m (2-Piece boom with the arm tucked in), it can work efficiently even in the tightest spaces. This unique short-tail machine combines maximum agility with top-level performance - perfect for demanding applications.

YOUR BENEFITS

Minimal front and tail swing radius

For unmatched versatility.

Compact design

Ideal for use on confined job sites without compromise.

Short-tail excavator with maximum lifting capacity

Highest lifting capacity in the 35-40 tonne short-tail excavator segment.

As comfortable as possible

A MOTIVATING WORKPLACE

Hitachi designed the cab of the 375USLC-7 to make working in it thoroughly enjoyable. An extra step assists the driver when entering the sound-insulated cab through the large driver's door. On the Grammer comfort seat featuring air springs, hydraulic support and a seat belt, even large drivers have more than enough room. Automatic air conditioning electronically regulates the cab temperature, creating a good working climate. With seat heating, the winter stays outside and it is cosy and warm inside. Relaxed, sustained work is possible here.

EVERYTHING SAFELY AT HAND

All operating elements, shelves and storage compartments are arranged ergonomically and designed to be operated intuitively and sensitively. The proportional auxiliary functions integrated into the multifunction joystick enable the precise, infinitely variable control of attachments. The two multifunction monitors make it easy to see all machine-relevant data as well as the feed from the rear view camera, even under poor lighting conditions. And thanks to the panoramic glazing, the driver always has a clear view of the work environment. For all-around safe working.

YOUR BENEFITS

Ergonomic and intuitive

A tidy cab layout with optimally positioned controls ensures easy, intuitive operation and maximum working comfort.

Comfort for long shifts

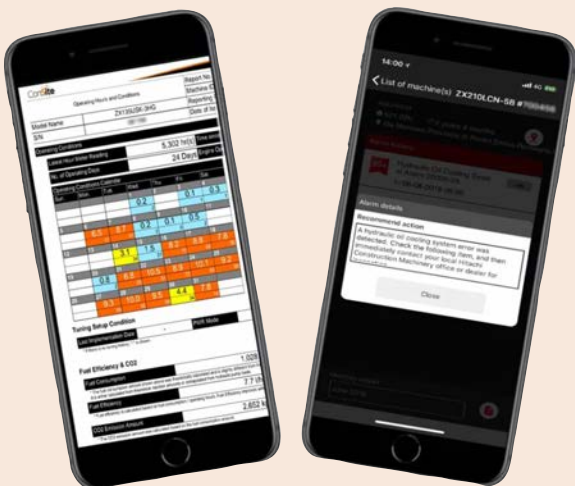
The air-sprung Grammer comfort seat, sound-insulated cab and automatic air conditioning allow fatigue-free operation in all weather conditions.

Maximum visibility and safety

Panoramic glazing, multifunction monitors and the 270° Aerial Angle System with three cameras give the operator a clear view of the surroundings at all times.



State-of-the-art telematics system



GLOBAL E-SERVICE - MONITOR YOUR FLEET AROUND THE CLOCK

With Global e-Service, you can conveniently monitor your Hitachi fleet remotely. The Owner's Site gives you detailed insights into operating hours, fuel consumption and maintenance data. This helps you optimise machine usage, minimise downtime and reduce operating costs - all from a single central platform.

CONSITE POCKET APP - MONITOR YOUR MACHINE AROUND THE CLOCK

The ConSite Pocket App sends you real-time alerts if there is an issue with your machine. You'll receive guidance on what to do next, along with step-by-step instructions. The app also lets you track the current location of your entire fleet.

YOUR BENEFITS

Machine status available at all times

The Owner's Site gives you a clear overview of operating hours, maintenance intervals and fuel consumption.

Efficient deployment planning

Flexible grouping by construction site enables optimal fleet utilisation.

Reduced downtime

Early maintenance notifications and detailed analyses help prevent unplanned stoppages.



Easy to maintain

EASY-ACCESS MAINTENANCE POINTS

All maintenance points are safely and easily accessible from ground level - no need for the operator to climb onto the machine. This simplifies daily checks and reduces the risk of accidents. Especially on large machines, this smart design increases comfort, safety and efficiency during daily operations.

WIDE-OPENING SERVICE PANELS

The generously sized service panels open wide to provide full access to all key components - from the engine bay and cooling fan to the filters. This straightforward access not only simplifies routine maintenance work but also helps maximise machine uptime. Faster servicing, less downtime - for maximum availability on site.



YOUR BENEFITS

Quick access

All maintenance points are easily accessible from ground level - saving time and enhancing safety.

Simplified servicing

Wide-opening panels provide unobstructed access to the engine, fan and filters.

Maximum availability

Easier maintenance reduces downtime and keeps the machine working.



Technical data



SPECIFICATIONS

ENGINE	
Model	Isuzu 6HK1X
Type	4-cycle water-cooled, common rail direct injection
Aspiration	Variable geometry turbocharged, intercooled, cooled EGR
Aftertreatment	DOC+CSF+SCR system
No. of cylinders	6
Rated power	
ISO 14396 : 2002	197 kW at 1 900 min-1
ISO 9249 : 2007	186 kW at 1 900 min-1
Maximum torque	1 050 Nm at 1 500 min-1
Piston displacement	7.790 L
Bore and stroke	115 mm x 125 mm
Batteries	2 x 12 V / 135 Ah

HYDRAULIC SYSTEM	
Hydraulic Pumps	
Main pumps	3 variable displacement axial piston pumps
Maximum oil flow	"2 x 236 L/min 1 x 211 L/min"
Pilot pump	1 gear pump
Maximum oil flow	36.9 L/min
Hydraulic Motors	
Travel	2 variable displacement axial piston motors
Swing	1 axial piston motor
Relief Valve Settings	
Implement circuit	34.3 MPa
Swing circuit	32.4 MPa
Travel circuit	34.3 MPa
Pilot circuit	3.9 MPa
Power boost	38.0 MPa

Hydraulic Cylinders	Quantity	Bore	Rod diameter (mm)
Boom for Monoblock boom	2	135	100
Boom for 2-piece boom	2	135	95
Arm	1	150	105
Bucket	1	135	90
Positioning for 2-piece boom	1	150	100

ENVIRONMENT	
Engine Emissions	EU Stage V
Sounds Level	
External sound level according to ISO 6395: 2008 and EU Directive 2000/14/EC	LWA 105 dB(A)
Air Conditioning System	
The air conditioning system contains fluorinated greenhouse gases. Refrigerant type: HFO-i234yf, GWP: 0.501, Amount: 0.65 kg, CO2e: 0.0003 ton.	

UPPERSTRUCTURE	
Revolving Frame	
D-section frame for resistance to deformation.	
Swing Device	
Axial piston motor with planetary reduction gear is bathed in oil. Swing circle is single-row. Swing parking brake is spring-set/hydraulic-released disc type.	
Swing speed	10.3 min-1
Swing torque	90.5 kNm

UNDERCARRIAGE	
Tracks	
Heat-treated connecting pins with dirt seals. Hydraulic (grease) track adjusters with shock-absorbing recoil springs.	
Numbers of Rollers and Shoes on Each Side	
Upper rollers	2
Lower rollers	8
Track shoes	48
Track guards	3
Travel Device	
Each track driven by 2-speed axial piston motor. Parking brake is spring-set/hydraulic-released disc type. Automatic transmission system: High-Low.	
Travel speeds	High : 0 to 4.1 km/h
	Low : 0 to 2.6 km/h
Maximum traction force	298 kN
Gradeability	70% (35 degree) continuous

SERVICE REFILL CAPACITIES	
Fuel tank	380.0 L
Engine coolant	41.0 L
Engine oil	48.0 L
Swing device	11.7 L
Travel device (each side)	11.0 L
Hydraulic system	251.0 L
Hydraulic oil tank	160.0 L
DEF/AdBlue® tank	27.0 L

WEIGHTS AND GROUND PRESSURE								
			375USLC-7		375USLC-7 with blade (optional)			
Boom type			2-Piece		Mono		2-Piece	
Shoe Type	Show width (mm)	Arm length (mm)	kg	kPa	kg	kPa	kg	kPa
Triple grouser	600	3,11	36.300	67,9	38.400	71,7	39.100	73,1
	700	3,11	36.700	58,8	-	-	-	-
	800	3,11	37.100	52,0	-	-	-	-

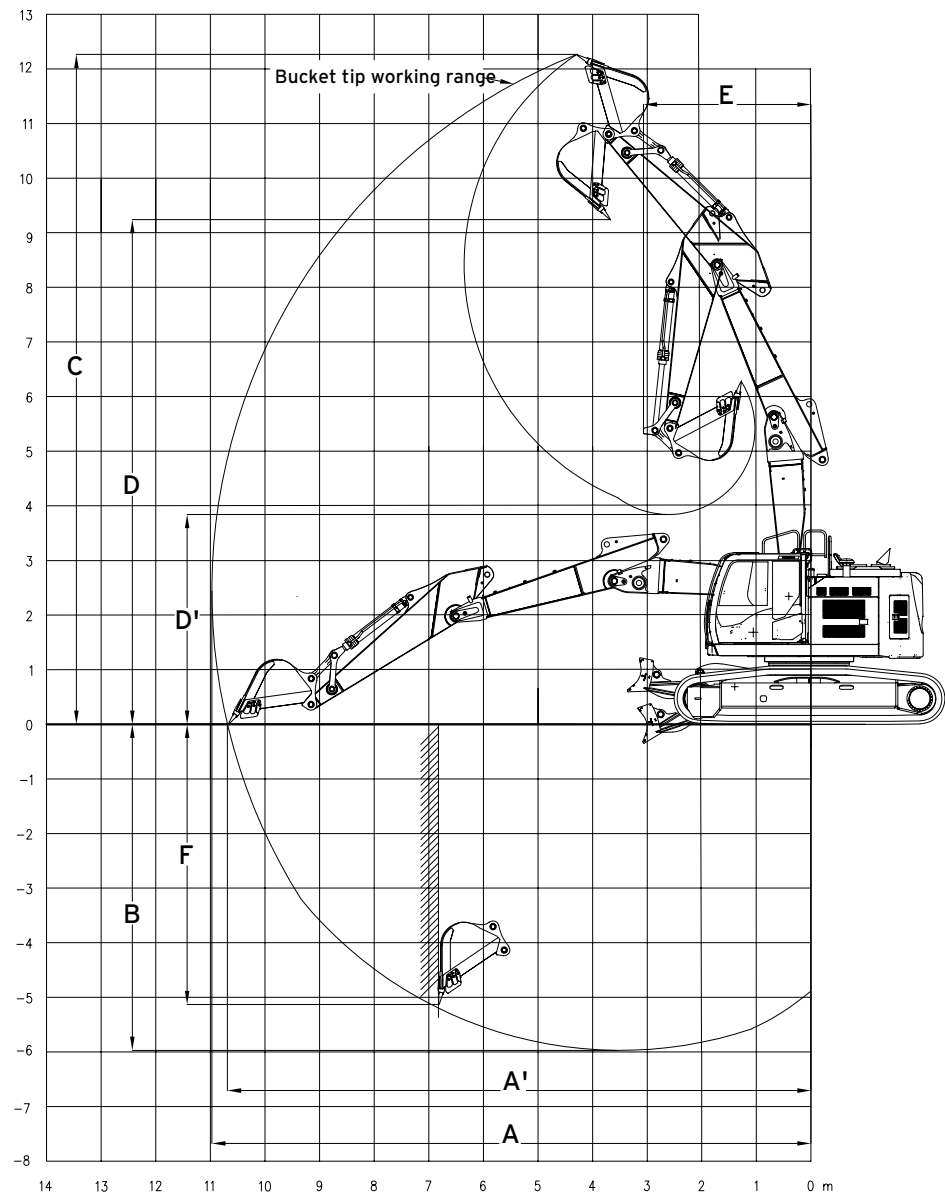
Including 1.25 m3 (ISO 7451 : 2007 heaped) bucket weight (960 kg) and counterweight ((8,680 kg).

DIMENSIONS

A	Distance between tumblers	4.050 mm
B	Undercarriage length	4.970 mm
C	Counterweight clearance	1.150 mm
D	Rear-end swing radius	2.090 mm
D'	Rear-end length	2.090 mm
E	Overall width of upperstructure	3.050 mm
F	Overall height of cab	3.150 mm
F'	Overall height of handrail	3.560 mm
F''	Overall height of handrail (on cab	3.240 mm
F'''	Overall height of handrail (folded)	3.150 mm
G*	Min. ground deariance	500 mm
H	Track gauge	2.590 mm
I	Track shoe width	G 600
J	Undercarriage width	3.190 mm
K	Overall width	3.190 mm
L'	Track height with triple grouser shoes	1.070 mm
Monoblock boom		
M	Overall length	
	With arm 3.11 m	9.980 mm
N	Overall height of boom	
	With arm 3.11 m	3.380 mm
2-Piece boom		
M'	Overall length	
	With arm 3.11 m	9.960 mm
N'	Overall height of boom	
	With arm 3.11 m	3.270 mm
O	Blade height	690 mm
P	Blade widthâ€™™	3.190 mm
Q	Distance between the front end of blade and the axis of rotati	3.250 mm
R	Blade maximum lifting	610 mm
S	Blade maximum lowering	340 mm
T	Blade approach angle	25°

* Excluding track shoe lug | G: Triple grouser shoe

2-Piece boom:



DIMENSIONS

		2-Piece boom
	Arm length	3.110 mm
A	Max. digging reach	10.970 mm
A'	Max. digging reach (on ground)	10.690 mm
B	Max. digging depth	5.970 mm
C	Max. cutting height	12.270 mm
D	Max. dumping height	9.240 mm
D'	Min. dumping height	4.800 mm
E	Min. swing radius	3.070 mm
F	Max. vertical wall digging depth	5.500 mm

Excluding track shoe lug

LOADING CAPACITY TABLE KTEG 375USLC-7

Adjustable boom, reinforced lifting, arm and stick cylinders

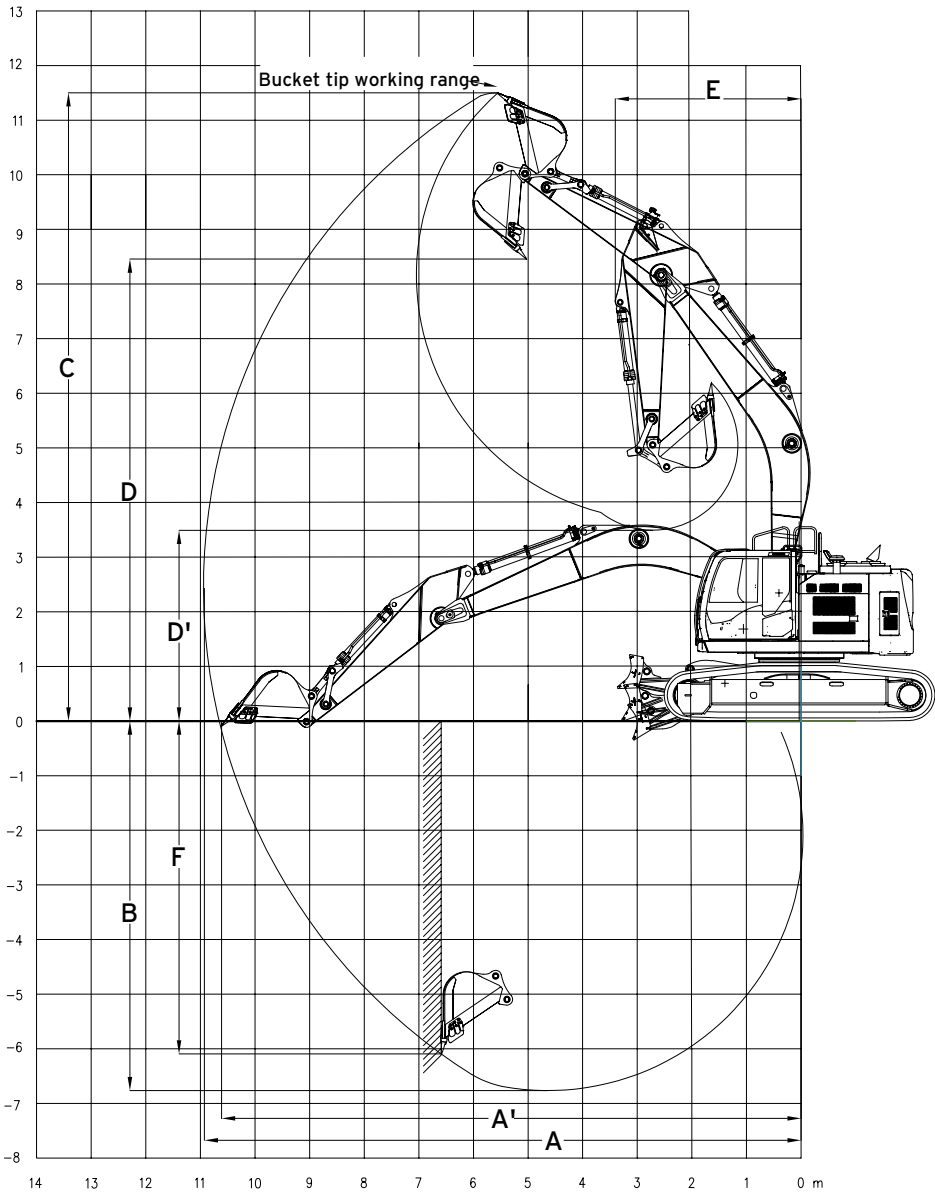
Height (m)	Stabilisation	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		Max. reach		
		0°	360°	0°	360°	0°	360°	0°	360°	0°	360°	0°	360°	0°	360°	Meter
10.5	Blade lowered													8,0***	8,0***	4,2
	Blade raised													8,0***	8,0***	
	without blade													8,0***	8,0***	
9.0	Blade lowered							7,3**	7,3**					6,2***	6,2***	6,5
	Blade raised							7,3**	7,3**					6,2***	6,2***	
	without blade							7,3**	7,3**					6,2***	6,2***	
7.5	Blade lowered							7,5**	7,5**	6,2**	6,1			5,6***	5,6***	7,7
	Blade raised							7,5**	7,5**	6,2**	6,1			5,6***	5,6***	
	without blade							7,5**	7,5**	6,2**	5,8			5,6***	5,4	
6.0	Blade lowered					9,1***	9,1***	7,8**	7,8**	6,6**	6,2			5,4***	4,9	8,6
	Blade raised					9,1***	9,1***	7,8**	7,8**	6,6**	6,2			5,4***	4,9	
	without blade					9,1***	9,1***	7,8**	7,8**	6,6**	5,8			5,4***	4,5	
4.5	Blade lowered			20,4*	20,4*	12,0**	12,0**	8,6**	8,4	6,9**	6,2	5,3***	4,5	5,2**	4,4	9,1
	Blade raised			20,4*	20,4*	12,0**	12,0**	8,6**	8,4	6,9**	6,2	5,3***	4,5	5,2**	4,4	
	without blade			20,4*	20,4*	12,0**	12,0**	8,6**	7,9	6,9**	5,7	5,3***	4,2	5,2**	4,1	
3.0	Blade lowered			20,6***	20,6***	16,1*	12,2	10,1**	8,2	7,5**	6,0	6,0**	4,4	5,4**	4,3	9,3
	Blade raised			20,6***	20,6***	16,1*	12,2	10,1**	8,2	7,5**	6,0	6,0**	4,4	5,4**	4,3	
	without blade			20,6***	20,6***	16,1*	11,5	10,1**	7,7	7,5**	5,6	6,0**	4,0	5,4**	3,9	
1.5	Blade lowered			22,8*	22,4	16,3*	11,9	11,8**	8,0	8,2**	5,8	6,3***	4,3	5,4**	4,1	9,3
	Blade raised			22,8*	22,4	16,3*	11,9	11,8**	8,0	8,2**	5,8	6,3***	4,3	5,4**	4,1	
	without blade			22,8*	20,9	16,3*	11,2	11,8**	7,4	8,2**	5,3	6,3***	3,9	5,4**	3,8	
0.0	Blade lowered	13,7***	13,7***	25,3***	21,3	16,3*	11,5	11,8*	7,7	9,0**	5,5	5,7**	4,2	5,7**	4,2	9,0
	Blade raised	13,7***	13,7***	25,3***	21,3	16,3*	11,5	11,8*	7,7	9,0**	5,5	5,7**	4,2	5,7**	4,2	
	without blade	13,7***	13,7***	25,3***	19,7	16,3*	10,7	11,8*	7,1	9,0**	5,1	5,7**	3,9	5,7**	3,9	
-1.5	Blade lowered	17,2***	17,2***	26,2*	20,9	16,5*	11,1	12,0*	7,4	8,8*	5,4			5,9*	4,6	8,5
	Blade raised	17,2***	17,2***	26,2*	20,9	16,5*	11,1	12,0*	7,4	8,8*	5,4			5,9*	4,6	
	without blade	17,2***	17,2***	26,2*	19,4	16,5*	10,3	12,0*	6,9	8,8*	4,9			5,9*	4,2	
-3.0	Blade lowered	19,9**	19,9**	24,5*	21,1	15,7*	11,1	10,4*	7,3					5,7*	5,5	7,5
	Blade raised	19,9**	19,9**	24,5*	21,1	15,7*	11,1	10,4*	7,3					5,7*	5,5	
	without blade	19,9**	19,9**	24,5*	19,5	15,7*	10,2	10,4*	6,7					5,7*	5,1	
-4.5	Blade lowered			16,9*	16,9*									13,9*	13,9*	3,6
	Blade raised			16,9*	16,9*									13,9*	13,9*	
	without blade			16,9*	16,9*									13,9*	13,9*	

*Limited by lifting cylinder / **Limited by adjusting cylinder / ***Limited by arm cylinder

NOTES

- The loading capacity values are specified in tons (t).
- According to ISO 10567, these values correspond to 75% of the static tipping load or 87% of the hydraulic lifting power (marked by*). The load point is the centreline of the bucket pin on the arm
- For operation with lifting gear, pipe failure safety mechanisms in accordance with CE Directives are required on the lifting and arm cylinders, in addition to an overload warning device

Monoblock boom:



DIMENSIONS		
		Monoblock boom
	Arm length	3.110 mm
A	Max. digging reach	10.900 mm
A'	Max. digging reach (on ground)	10.640 mm
B	Max. digging depth	6.920 mm
C	Max. cutting height	11.410 mm
D	Max. dumping height	8.380 mm
D'	Min. dumping height	3.440 mm
E	Min. swing radius	3.440 mm
F	Max. vertical wall digging depth	6.140 mm

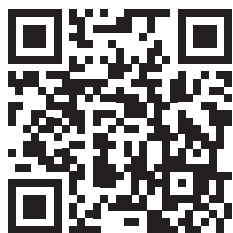
Excluding track shoe lug





YOUR DEALER NETWORK

More than 40 dealers in over 25 countries
sell KTEG machine and system solutions.



Find your dealer now!

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