



COMPACT
EXCAVATOR

EX12

KOOP 192
12HP@2200rpm

Operating Weight
1120kg

Bucket Capacity
0.02m³

TIGERTECH

Smart Tiger By Tech

EX12

This ultra-compact excavator combines rugged power with outstanding durability, delivering superior performance in confined working areas.



TIGER

Combining low cost of ownership, superior strength and innovative features galore, whether you rent or operate your fleet, this tiger is designed to give you ultimate value for money.

Productivity, performance and efficiency are all class-leading, making this a perfect solution for larger fleets, rental yards and smaller businesses alike.

SUPERIOR PERFORMANCE



TigerTech new generation 940mm width tight tail excavator can work safely in tight job sites. Meanwhile these tigers raise the standard in 1-1.5 tons category with the powerful digging force, wider working range, smoother travel, improved versatility, and higher working efficiency.

Redesigned Boom and Bucket

Your Tiger features improved boom lifting capacity and a well-balanced, robust arm and bucket, boosting breakout force by 5.5%. The reinforced paw allows you to lift and dig faster in harsh working conditions.

Auxiliary Circuit Diverter Valve

The diverter valve allows hydraulic oil to be diverted for operating attachments without removing the thumb clamp pipelines, boosting on-site efficiency.

Quick Coupler and Thumb Clamp

To adapt to various tasks and boost productivity, quick couplers and thumb clamps are essential. This machine comes standard with both, providing superior efficiency and performance for versatile operations.

Rear-mounted Boom Cylinder

The Tiger's boom cylinder is situated behind the boom for maximum protection, especially during breaker or dumping operation. Movement speed of front attachments and lifting power have been perfectly tuned thanks to the large-diameter rod of boom cylinder and optimal hydraulic pressure.

Updated Swing Boom Function

Redesigned and strengthened boom swing cylinder optimized boom swing speed and stability. The swing boom fitted as standard makes your tiger more versatile and skillful.



QUALITY, RELIABILITY AND DURABILITY.

TIGER

TigerTech new generation swing excavator can work safely in tight work site. The smart **tiger** can provide you outstanding performance with the powerful digging force, smoother travel, and higher working efficiency.



Rugged & Powerful Diesel

The EX12 excavator is equipped with KOOP KD192 direct injection diesel engine, which outputs ample power to optimize digging and lifting capacity. It features dependable performance, long service life and superior fuel economy.

Reliable Hydraulic System

Well-engineered hydraulic system delivers stable and smooth power to suit diverse working applications. The system features quick response and easy operation, enhancing productivity and fuel efficiency.

Concealed Motors and Hoses

All travel motors and hydraulic hoses of the Tiger are fully enclosed inside the track frame and protected by reinforced plate armor for superior durability and protection. This is an exclusive premium feature among mini excavators in its class.

WORK IN COMFORT



TigerTech's premium operator space is enhanced to ensure optimal comfort and efficiency throughout the entire workday. All controls are ergonomically positioned for faster, more intuitive operation.

Smart Damping Boom Cylinder

TigerTech has adopted advanced damping cylinder technology for the boom, which delivers superior shock absorption compared to conventional equipment, ensuring a more comfortable working experience.

More Spacious Floor Layout

The latest design gives you spacious legroom, increased by 39mm from former model, you will have a comfortable feeling while digging.

Wrist Rests

Thoughtfully designed wrist rests enhance control precision and reduce operator fatigue.

Semi-Suspension Seat

Designed to deliver better fit and comfort for long hours of work, TigerTech standard semi-suspension seat minimizes strain and operating fatigue by accommodating individual posture and weight.

Hydraulic Pilot as Standard

Hydraulic pilot controls deliver smooth, efficient operation, reducing operator fatigue throughout the workday. All joysticks feature hydraulic pilot control as standard.

Dozer Blade Lever

The dozer blade control lever is located on the right armrest, making it easy to operate. Lifting and lowering the dozer blade is effortless.

Starter Switch & Throttle Lever

The starter switch and throttle lever are neatly positioned behind the right armrest for effortless operation.



SAFETY AND SECURITY

TIGER

Safety is of paramount importance on any site, so the TigerTech machine has plenty of features to protect itself, its operators and bystanders alike.



New LED Boom Work Light

A bright LED boom work light provides ample illumination for nighttime and dark-area work, enabling safer, more efficient operation.

Engine Safety Start

This system prevents accidental engine startup while control levers are in the lowered position. It eliminates unexpected movement of machine and attachment during engine startup.

it's Easy and safe to access

Getting in and out of a Tiger excavator is easy and safe. There are always three points of contact available to an operator when entering and exiting the machine.



EASY MAINTENANCE



TigerTech has simplified routine maintenance by consolidating key engine components on one side for easy access. Engine and other critical components can be inspected and serviced quickly and easily.



Dual element air cleaner



Fuel filter



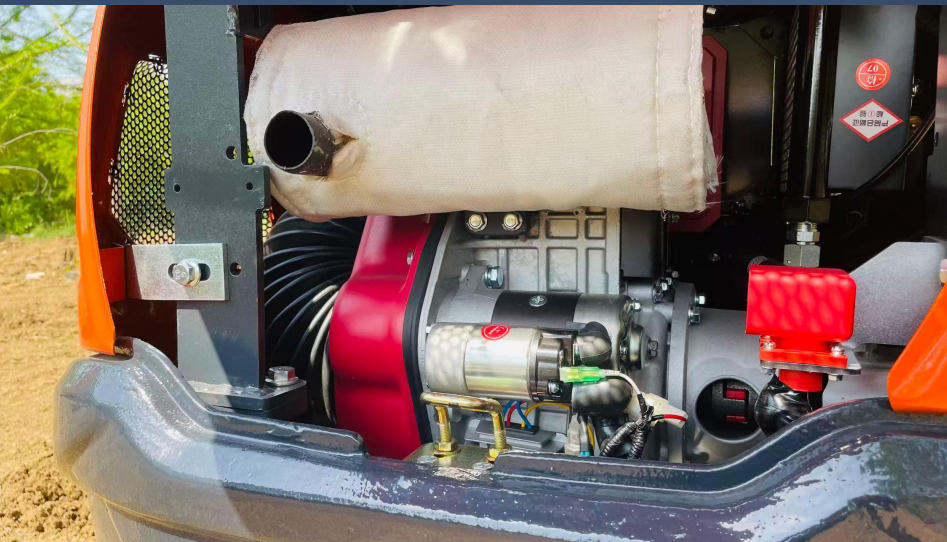
Hydraulic oil filter

TigerTech's attention to user-friendliness can be found in the engine layout. Additionally, the full-opening steel rear and side hoods provide extra durability and easy access for repairs.

We've made sure this excavator will provide maximum uptime by virtue of being incredibly easy to service. Routine maintenance is straightforward, daily checks couldn't be simpler, and there's plenty of ground-level accessibility.

Greasing and refuelling can both be done from ground level, making them easy and safe tasks to carry out on a tiger machine, minimizing downtime.

All of the tiger's daily checks and routine servicing can be done from one side of the machine. Important service items are grouped, too, for improved accessibility and productivity.



Options and Versatile Attachments

TIGER

the Ttiger EX12 is a very versatile machine as standard, but It's even more flexible and productive when your start to equip it with our factory-approved attachments.

Standard Equipment

Safety systems

- ✓ Engine start safety system
- ✓ Travel motor with disc brake
- ✓ Swing motor with disc brake

Operator Station

- ✓ Semi-suspension seat
- ✓ Hydraulic pilot control levers
- ✓ wrist rests

Working Equipment

- ✓ 1 x Boom-mounted LED work light
- ✓ Manual Bucket Quick Coupler
- ✓ Swing Boom with Joystick Button Control
- ✓ Thumb Clamp with pipes
- ✓ Dozer blade

Hydraulic System

- ✓ Hydraulic pilot and joystick
- ✓ AUX1 via foot pedal control
- ✓ AUX1 piping with diverter valve

Undercarriage

- ✓ 230mm rubber tracks

Optional Equipment

- ✓ Second Auxiliary circuit (AUX2)
- ✓ Variable gauge system
- ✓ 230mm Steel tracks
- ✓ Cab with A/C
- ✓ Sun and rain protection cover



Quick Coupler



Hydraulic Breake



Ripper



Hydraulic Auger



Bucket thumb



Compactor

Specification & Dimension

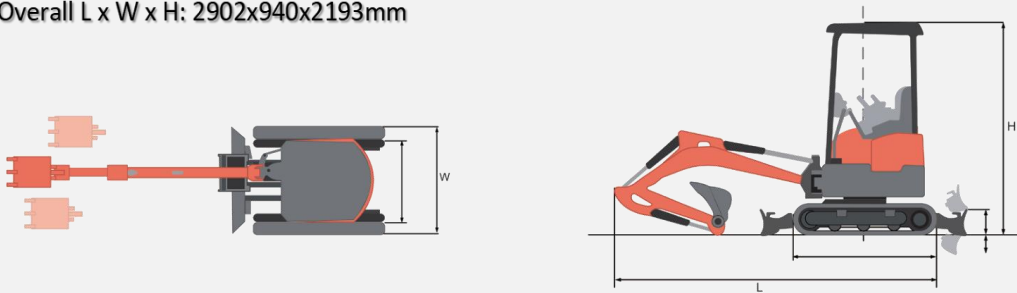


Specifications

Model		EX12
Operating Weight		1120 kg
Bucket Capacity		0.02 m ³
System Pressure		18 MPa
Engine	Model	Koop 192
	Output @rpm	12HP/8.7KW@2200
	Displacement	499 cc
Drive System	Gradeability	30°
	Travel Speed (Low/High)	2.1/4.1 km/h
	Track Length	1290 mm
	Track Shoe Width	230 mm
Unit Swing Speed	Central Swing	9.5 rpm
Boom Swing Angle	Left/Right	45°/45°

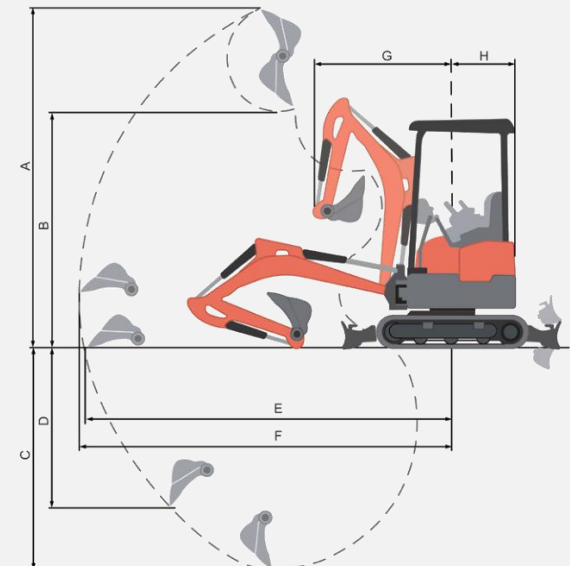
Dimensions

Overall L x W x H: 2902x940x2193mm



Working Range

		Unit:	mm
A	Max.Digging Height		2645
B	Max.Dumping Height		1825
C	Max.Digging Depth		1600
D	Max.Vertical Digging Depth		1200
E	Max.Digging Radius		3024
H	Tail Turning Radius		730
	Max.Dozer Blade Lift Height		149
	Max.Dozer Blade Cutting Depth		338





My Land, My Way.

Materials and specifications are subject to change without notice.
Featured machines in photos may include additional equipment. Contact your dealer for available options.

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TigerTech Machinery Limited

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