



COMPACT
EXCAVATOR

EX18, 18Pro

LD385 / Kubota D722
15HP@2200rpm

Operating Weight
1790kg

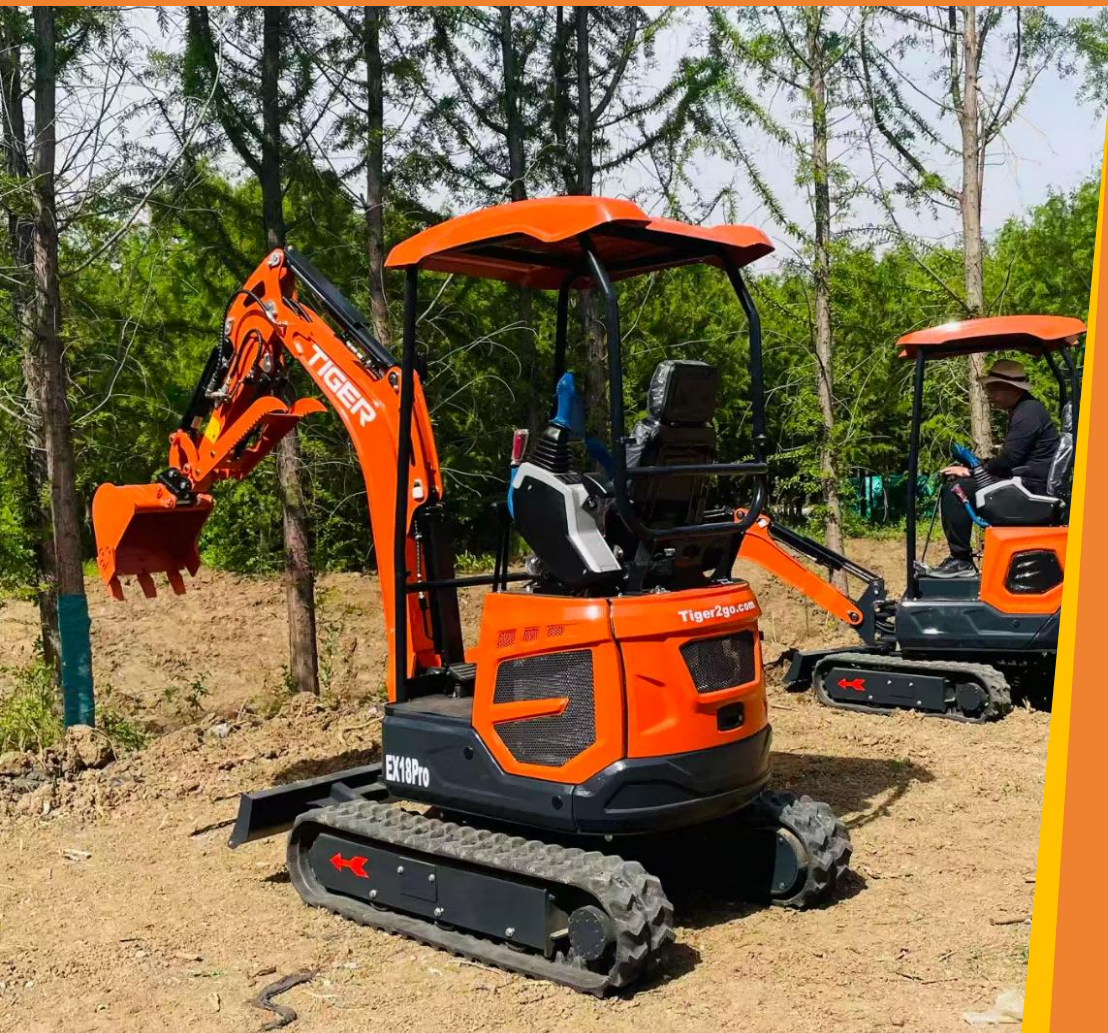
Bucket Capacity
0.04m³

TIGERTECH

Smart Tiger By Tech

EX18, 18Pro

The new generation smart compact excavators with superior strength, user-friendly operation and really versatility show you advanced performance and durability.



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 1150mm width tight tail excavator can work safely in tight job sites. Meanwhile these tigers raise the standard in 1.5-2.0 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 tilted as standard makes your tiger more versatile and skillful.



Outstanding Reliability Engine

- EX18Pro Powered by Kubota Original 722 Diesel
- A vertical, water-cooled, 3-cylinder, 4-cycle IDI diesel
- Engineered with the power to maximize performance
- One of the most hardworking, efficient and cleanest running diesel
- Delivers minimized noise, vibration, and fuel consumption
- The latest engine emission regulation of the EU and EPA



QUALITY, RELIABILITY AND DURABILITY.

TIGER

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



Outstanding and Reliable Engine

EX18/EX18Pro are powered by impressive, smooth-running LD385 / Kubota's D722 diesel engine, engineered with the power to maximize digging and lifting performance. It also delivers minimized noise, vibration and fuel consumption.

Three-in-one Pump

Two main pumps and one pilot pump are arranged in series to achieve full hydraulic system coordination. This provides fine and smooth operability, boosting working efficiency and fuel economy.

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.

Fully Flat Floor

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.



Friendly Digital Panel

The front digital panel can be checked without shifting your eyes from the task in hand putting convenience at your fingertips. The user-friendly meter panel is positioned at the operator's front right for better visibility, with one-touch operation to check the information.

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

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

TIGER



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 Tiger EX18 and 18Pro 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

- ✓ Front meter panel
- ✓ 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

- ✓ 230mm Steel tracks
- ✓ Cab with A/C
- ✓ Sun and rain protection cover



Quick Coupler



Hydraulic Breake



Ripper



Hydraulic Auger



Bucket thumb



Compactor

Specification & Dimension

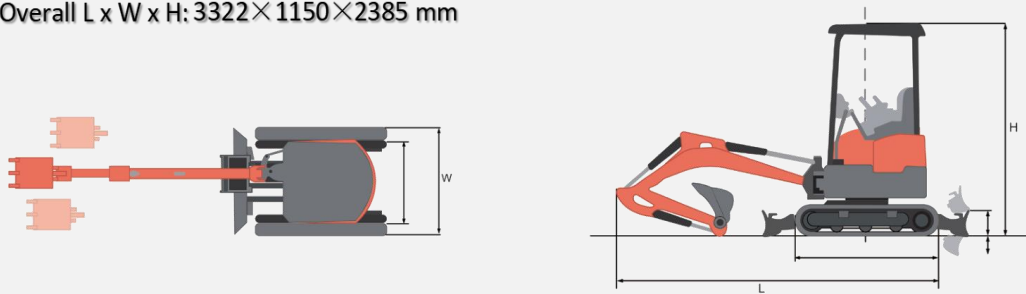


Specifications

Model		EX18/EX18Pro
Operating Weight		1790 kg
Bucket Capacity		0.04 m ³
Hydraulic System Pressure		18 MPa
Engine	Model	LD 385 / Kubota 722
	Output @rpm	16HP/11.8KW@2200
	Displacement	1532/719 cc
Drive System	Gradeability	30°
	Travel Speed (Low/High)	2.1/4.1 km/h
	Track Length	1350 mm
	Track Shoe Width	230 mm
Unit Swing Speed	Central Swing	9.5 rpm
Boom Swing Angle	Left/Right	45°/45°

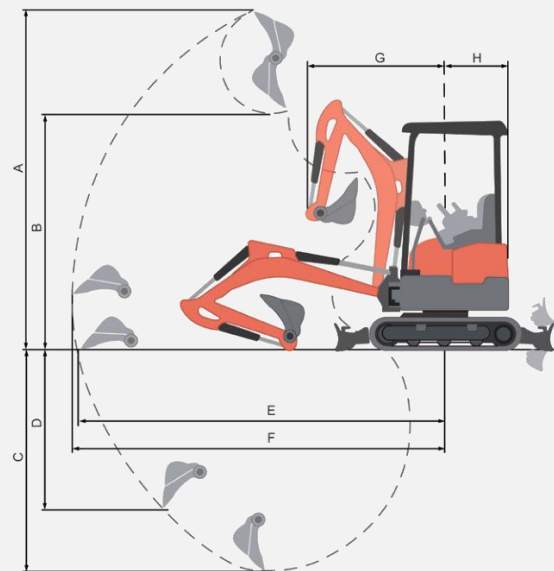
Dimensions

Overall L x W x H: 3322×1150×2385 mm



Working Range

	Unit:	mm
A	Max.Digging Height	3080
B	Max.Dumping Height	2368
C	Max.Digging Depth	2100
D	Max.Vertical Digging Depth	1700
E	Max.Digging Radius	3390
H	Tail Turning Radius	838
	Max.Dozer Blade Lift Height	206
	Max.Dozer Blade Cutting Depth	343





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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