

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.

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.

Redesigned Boom and Bucket

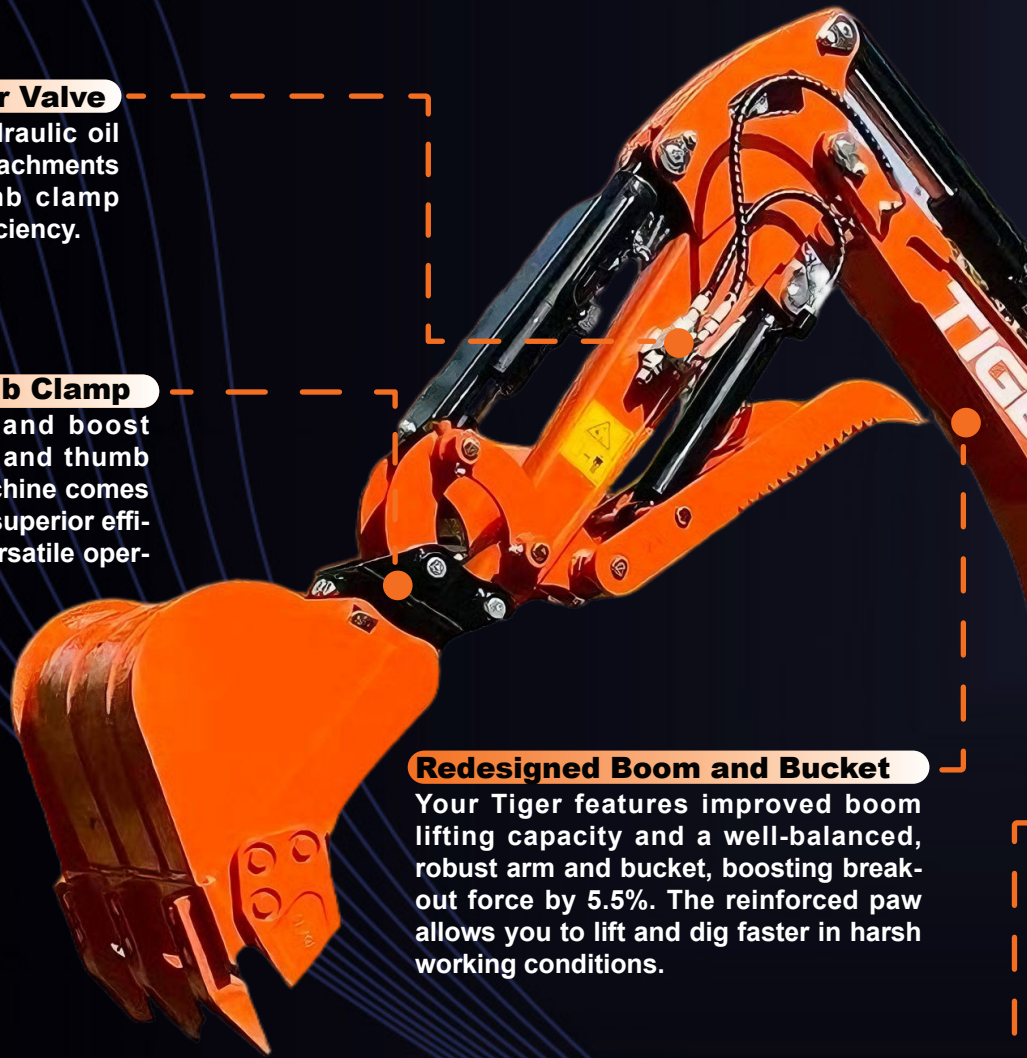
Your Tiger features improved boom lifting capacity and a well-balanced, robust arm and bucket, boosting break-out force by 5.5%. The reinforced paw allows you to lift and dig faster in harsh working conditions.

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.





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 A

TigerTech's premium operator space is enhanced to ensure optimal comfort and efficiency throughout the workday. All controls are ergonomically positioned for faster, more intuitive operation. Most importantly, safety features are a top priority, ensuring safe and reliable operation at all times.

Robust ROPS Cabin

For enhanced safety, these machines are equipped with safety systems to protect against falling debris and rollovers.

Smart Damping Cylinders

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.

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.

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.



AND SAFETY



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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.

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

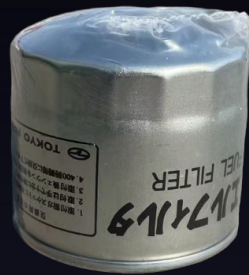
The starter switch and throttle lever are neatly positioned behind the right armrest for effortless operation.

EASY MAINTENANCE

TigerTech simplifies routine maintenance by grouping key engine components on the same side for easy access. Engine and other critical components can be inspected and serviced quickly and easily.



Dual element air cleaner

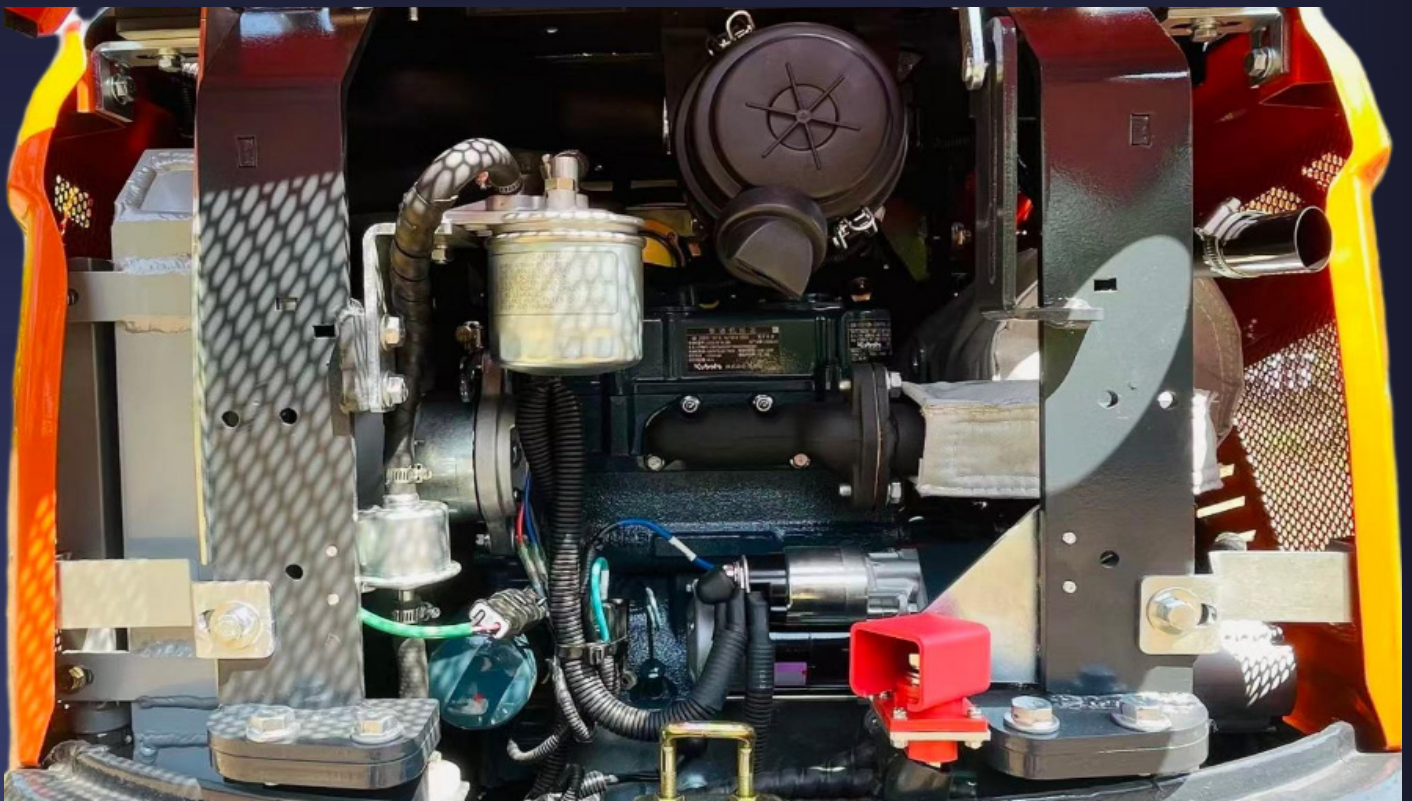


Fuel filter



Hydraulic oil filter

TigerTech's focus on user-friendliness is fully reflected in its engine layout. Additionally, full-opening steel rear and side hoods boast great durability and allow easy access for maintenance and repairs.



VERSATILE ATTACHMENTS

Standard Equipment

Safety systems

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

Operator Station

- ✓ Routine Canopy
- ✓ Front meter panel
- ✓ Semi-suspension seat
- ✓ Hydraulic pilot control levers
- ✓ wrist rests

Undercarriage

- ✓ 230mm rubber tracks

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

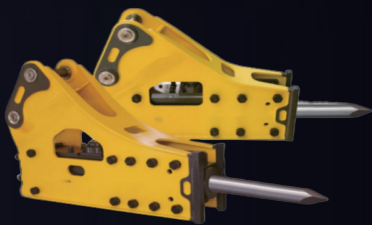
Hydraulic System

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

Optional Equipment

- ✓ Second Auxiliary circuit (AUX2)
- ✓ Variable gauge system
- ✓ 230mm Steel tracks
- ✓ Foldable dozer blade
- ✓ 2-speed travel pedal
- ✓ Cab with A/C
- ✓ Sun and rain protection cover

Attachments



Hydraulic Breaker



Ripper



Hydraulic Auger



Quick Coupler



Bucket thumb

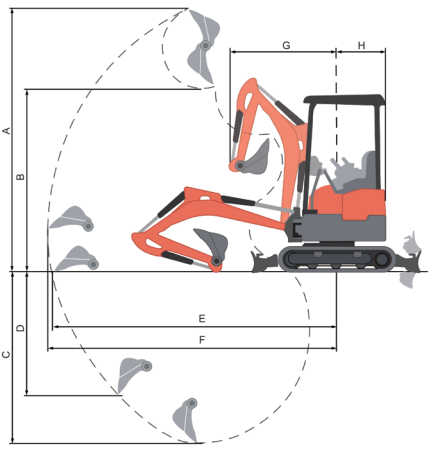


Compactor

Specifications

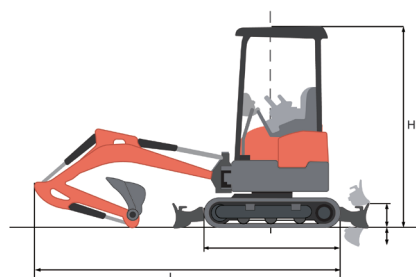
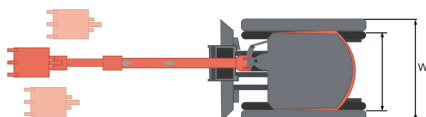
Model		EX18/EX18Pro
Operating Weight		1790 kg
Bucket Capacity		0.04 m ³
Hydraulic System Pressure		18 MPa
Engine	Model	LD 385 / Kubota 722
	Output @rpm	16HP/11.8KW@2200
	Displacement	1532/719 cc
Drive System	Gradeability	30°
	Travel Speed (Low/High)	2.1/4.1 km/h
	Track Length	1350 mm
	Track Shoe Width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

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	

Dimensions

Overall LxWxH: 3322×1150×2385 mm



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



TIGER

Smart Tiger By Tech

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**COMPACT
EXCAVATOR**

EX18/EX18Pro

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



HorsePower 16HP@2200rpm	Operating Weight 1790kg	Bucket Capacity 0.04m ³
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