



ZERO-TAIL
COMPACT
EXCAVATOR

MX28U

Yanmar 3TNV80F
20.7HP@2500rpm

Operating Weight
2810kg

Bucket Capacity
0.08m³

TIGERTECH

Smart Tiger By Tech

MX28U

Designed for various environments Zero tail swing excavator with reliable strength and versatility working as a real onsite tiger will show you advanced performance and flexibility.



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 Zero-tail 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.

Extraordinary Stability & Capacity

An innovative counterweight ensures superior machine stability. The reinforced body structure, boom, arm and bucket, all robot-welded, deliver high quality and heavy-duty performance, helping you tackle tough tasks in construction and agriculture.

AUX1 & AUX2 Available

Two auxiliary circuits (AUX1 & AUX2) come standard on this machine. This new feature provides more variety of work for you

Steel Hood-Enclosed Cylinders

The boom, arm and bucket cylinders are enclosed by steel hoods to protect against falling objects and material spilling from the bucket.

Quick Coupler and Thumb Clamp

To adapt to various tasks and boost productivity, bucket quick couplers and thumb clamps are essential. This machine comes standard with these features, delivering superior efficiency and performance for versatile operation.

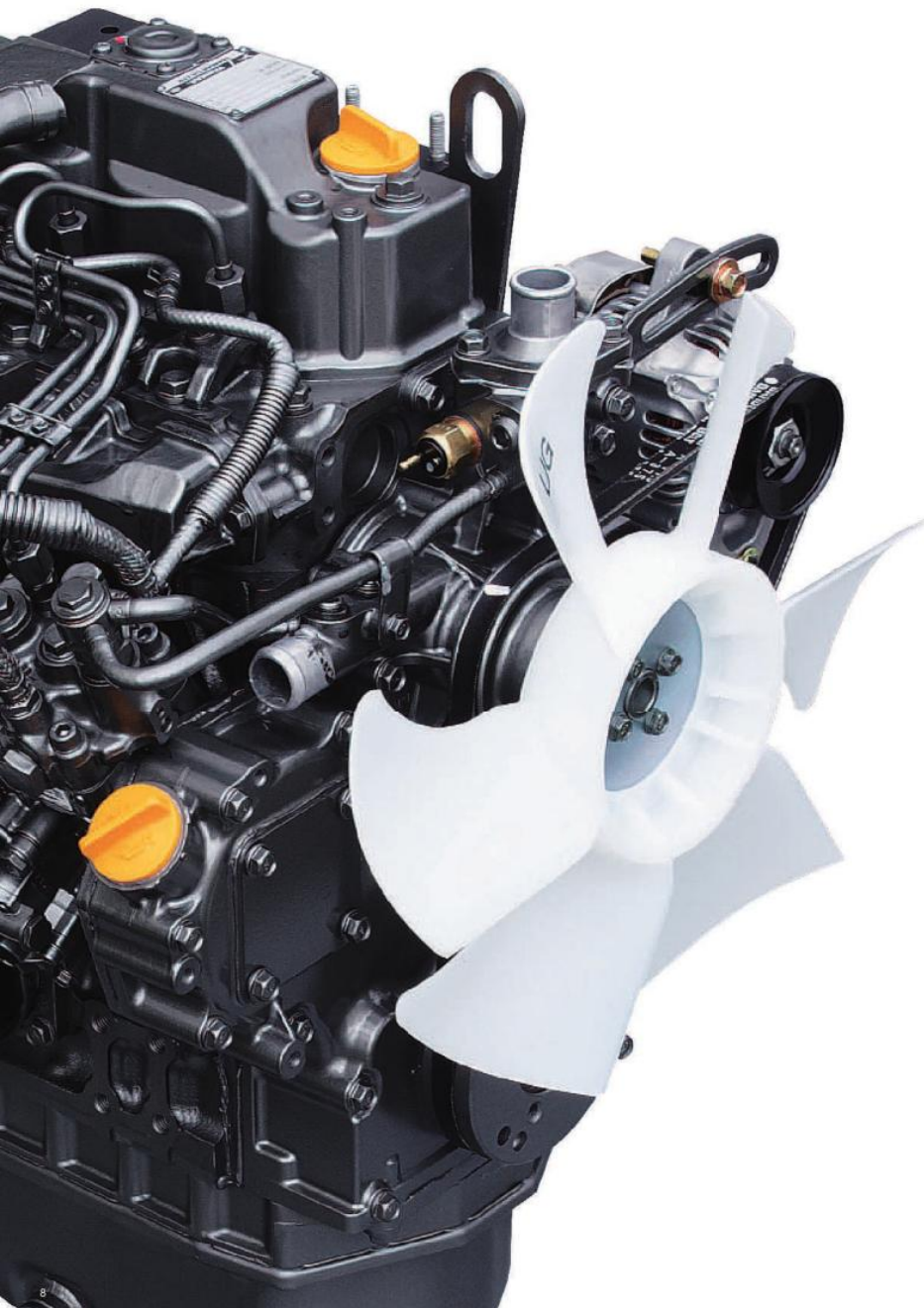
Two-speed Travel

One pedal lets you easily switch between high and low travel speeds. Simply depress the pedal for high speed model, or release it for low speed. This feature delivers a maximum travel speed of 2.1 km/h (low) and 4.2 km/h (high) respectively. The tigers really hit productivity to new heights.

Updated Swing Boom Function

The redesigned and reinforced boom swing cylinder structure optimizes swing speed and stability. And get it as standard equipment to make your tiger more versatile and skillful.





Yanmar Outstanding Diesel

- Yanmar's Original 3TNV80F Diesel
- Engineered with the power to maximize performance
- Delivers minimized noise, vibration, and fuel consumption
- Hardworking, efficient and cleanest running
- The latest engine emission regulation of the EU and EPA

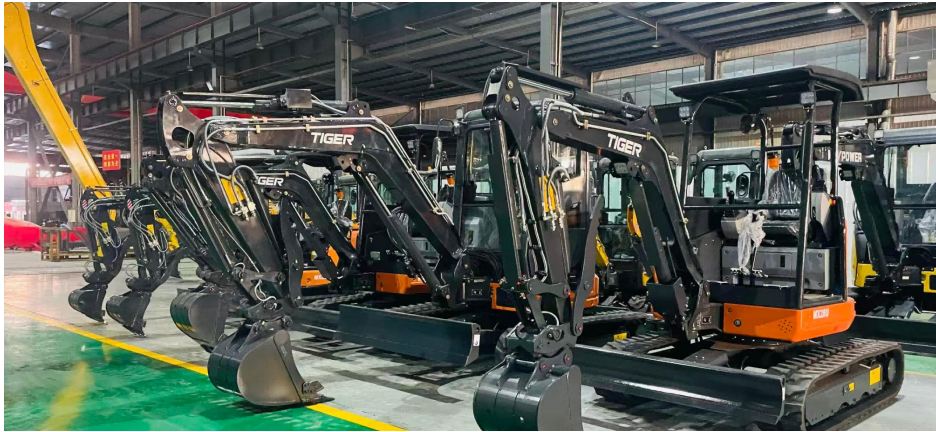
Engine Emergency Stop

In an emergency, the operator can instantly shut down the engine at the flick of a single switch.

QUALITY, RELIABILITY AND DURABILITY.

TIGER

TigerTech new generation Zero-tail 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 Reliability Engine

MX28U is powered by impressive Yanmar's Original 3TNV80F Diesel. Engineered with the power to maximize digging and lifting performance, it also delivers minimized noise, vibration, and fuel consumption. It also complies with the latest engine emission regulation of the EU and EPA.

Smart Hydraulic System

TigerTech has applied a Load-sensitive Hydraulic System with world-class premium hydraulic swash plate piston pumps and motors, ensuring smooth compound operations of digging, lifting, swinging and traveling. This system optimizes energy efficiency by adjusting flow rates based on the actual load, which significantly reduces fuel consumption, ensures long hours of operation and faster working speeds, and enhances durability and productivity.

Zero-tail Swing

It means you'll never worry about what is to side or behind you while you work. Zero-tail swing always keeps the tail within the width of the tracks, ensuring excellent balance, stability and fast operation. It makes this tiger ideal for jobs in congested urban areas.

Concealed Motors and Hoses

All the tiger's travel motors and hoses are enclosed within the track frame with reinforced plate armor for enhanced protection. This is a premium feature for mini diggers of the 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.

Hydraulic Pilot as Standard

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

Fully Flat Floor

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

Wrist Rests

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

Semi-Suspension Seat

Designed for 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.

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.

Engine Starter Switch and Throttle

The engine starter switch and throttle lever are located behind the right armrest, arranged neatly for easy operation.

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.

Friendly digital Panel

The user-friendly meter panel is for better visibility, with one-touch operation to check operation information.



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.

Engine Safety Start

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

New LED Boom Work Light

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

Robust ROPS Cabin/Canopy

For enhanced safety, all TigerTech machines are equipped with high-level safety systems that protect against falling debris and unintended rollovers.

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 MX28U 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

Hydraulic System

- ✓ Hydraulic pilot and joystick
- ✓ Two auxiliary circuits (AUX1 & AUX2)

Undercarriage

- ✓ 300mm rubber tracks
- ✓ 2-speed travel shift by panel

Working Equipment

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

Operator Station

- ✓ ROPS/FOPS Canopy/Cabin
- ✓ Semi-suspension seat
- ✓ Hydraulic pilot control levers
- ✓ wrist rests

Optional Equipment

- ✓ 300mm Steel tracks
- ✓ Cab with A/C
- ✓ Sun and rain protection cover



Quick Coupler



Hydraulic Breake



Ripper



Hydraulic Auger



Bucket thumb



Compactor

Specification & Dimension

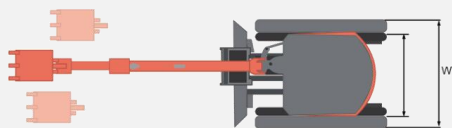


Specifications

Model		MX28U
Operating Weight		2810 kg
Bucket Capacity		0.08 m ³
System Pressure		25 MPa
Engine	Model	Yanmar 3TNV80F (Euro V)
	Output @rpm	20.7HP/15.2KW@2500 rpm
	Displacement	1266 cc
Drive System	Gradeability	30°
	Travel Speed (Low/High)	2.4/4.5 km/h
	Track Length	2025 mm
Track Shoe Width		300 mm
Unit Swing Speed	Central Swing	10 rpm
Boom Swing Angle	Lift/Right	45°/45°

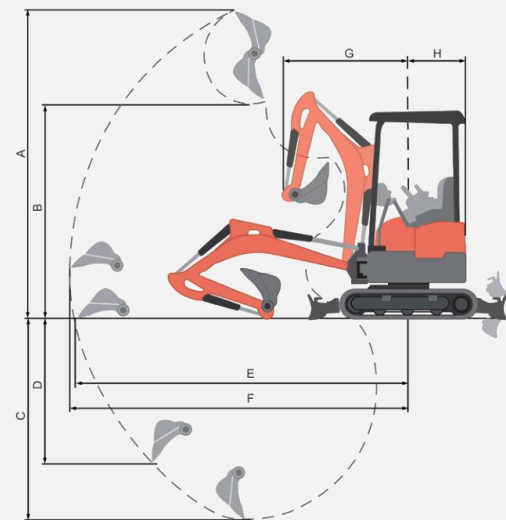
Dimensions

Overall L x W x H: 4005×1600×2560 mm



Working Range

	Unit:	mm
A	Max.Digging Height	4060
B	Max.Dumping Height	2750
C	Max.Digging Depth	2480
D	Max.Vertical Digging Depth	2160
E	Max.Digging Radius	4560
G	Min. Turning Radius	2100
H	Tail Turning Radius (Zero-tail)	785





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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