MX SERIES

23.2-48 HP

MINI EXCAVATOR



Fully Equipped. Ready to Perform.


KIOTI
KIOTI
MX570
KIOTI



MX SERIES
FULLY EQUIPPED, JOB-READY PERFORMANCE FROM DAY ONE

The KIOTI MX Series mini excavators are built to work the moment they arrive on site. Factory-equipped with an angle blade, hydraulic thumb, dual auxiliary hydraulics, and a mechanical quick coupler, every machine delivers smooth, multi-function performance and dependable operation. With zero and reduced tail swing models and strong dealer support, the MX Series is equipped to perform—day one and beyond.



- 23.2 - 48 HP
- Auxiliary Hydraulics
- Mechanical Quick-Coupler
- Angle Blade
- Hydraulic Thumb
- 24 Inch (610 mm) Bucket
- 2-Speed Drive
- Variable Piston Pump
- Zero & Reduced Tail Swing Designs
- Cab with HVAC
- Suspension Seating
- Bluetooth Radio
- Color LCD Monitor
  - 4.3 Inch - 3.5T
  - 7 Inch - 5.7T

MX SERIES
TOP-TIER PERFORMANCE, DAY-ONE READY



Fuel Efficient Diesel Engine

Engineered for dependable jobsite performance, the MX Series are powered by fuel-efficient diesel engines matched to each model. The MX350A and MX350AE feature a 1.6-liter, 3-cylinder diesel engine delivering 23.2 horsepower, while the MX570A is powered by a 2-liter, 4-cylinder turbocharged diesel engine delivering 48 horsepower. Water-cooled construction and Tier 4 Final compliance provide reliable, clean performance, while the engines deliver smooth, fuel-efficient power for demanding jobsites.



Auxiliary Hydraulics

Delivers dedicated hydraulic flow to power attachments such as hydraulic thumbs, augers, cutters and other specialty tools. Expands machine versatility, increases productivity and enables fast changeovers—allowing one excavator to tackle a wide range of demanding jobsite applications.



Mechanical Quick Coupler

Enables fast, efficient attachment changes to keep jobs moving with minimal downtime. Its durable, easy-to-use design enhances versatility on the jobsite while maintaining secure, reliable performance across a variety of applications.



Heavy Duty Angle Blade

Delivers added versatility with adjustable angling for efficient backfilling, grading, and material control. Its rugged construction provides strength and durability, helping operators complete demanding tasks with greater precision and productivity.



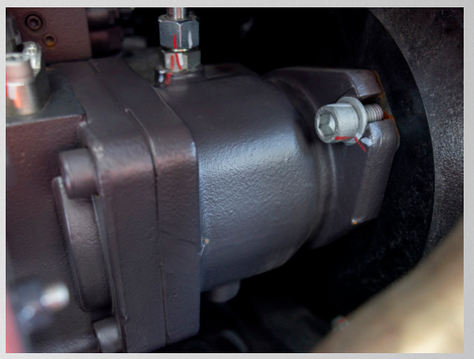
Factory Equipped Hydraulic Thumb

Provides enhanced material handling capability for lifting, gripping, and placing debris, rocks and logs with confidence. Factory-equipped and ready on day one, it improves efficiency, control and jobsite versatility.



Two-Speed Drive

Allows operators to switch between high and low travel speeds to match jobsite demands. Boost productivity with faster repositioning while maintaining precise control for detailed work in tighter spaces.



24 Inch (610 mm) General Purpose Tooth Bucket

Designed for general-purpose digging and trenching, this bucket size delivers an ideal balance of capacity and control. Its 24-inch (610 mm) width provides efficient material movement while maintaining precision in utility work, landscaping and foundation preparation.

Variable Piston Pump

Delivers smooth, consistent hydraulic power for precise control of the boom, arm, and attachments. Its variable displacement design optimizes efficiency, reducing fuel consumption while maintaining strong performance across a range of tasks.



Zero & Reduced Tail Wing Designs

Offers improved maneuverability in tight spaces by minimizing rear swing. The zero and reduced tail swing designs enhance safety, protect structures and allow operators to work confidently in confined jobsite environments.



Cab with HVAC

Provides a comfortable, low-noise, climate-controlled workspace with heating and air conditioning, keeping operators productive in all weather conditions. The enclosed cab reduces dust and fatigue for a safer, more efficient workday.



Working Lights

Bright LED working lights provide enhanced visibility in low-light conditions, helping operators work safely and productively throughout the day.



MX SERIES
WHERE COMFORT MEETS PERFORMANCE



KIOTI Connect Capable

KIOTI Connect is an intuitive app that provides real-time insights, tracks maintenance, and offers remote diagnostics—keeping you connected to your machine like never before.



Suspension Seating

Delivers a smoother, more comfortable ride by absorbing bumps and vibrations. The suspension seat reduces operator fatigue during long workdays, improving focus, control and overall productivity on the jobsite.



Bluetooth Radio

Keeps operators connected and focused on the jobsite with wireless audio streaming. The Bluetooth radio offers hands-free convenience, allowing safe control of calls and music without distracting from machine operation.



Pilot Controls

Provides intuitive, responsive control of the boom, arm, and attachments for precise operation. Pilot controls reduce hand fatigue, improve efficiency, and give operators smoother, more accurate machine handling throughout the workday.



Excellent Visibility

Maximizes operator awareness with thoughtfully designed sightlines to the work area and surroundings. Enhanced visibility improves safety, precision and confidence, allowing operators to work efficiently in tight or complex conditions.



Convenient Grease Points

Simplifies maintenance with strategically placed grease points for easy access. Reducing downtime and effort, these convenient locations make lubrication easy, extending component life and ensure reliable machine performance.



Main Hydraulic Sight Glass

Allows operators to quickly and easily check hydraulic fluid levels without tools. The main hydraulic sight glass simplifies routine maintenance, helping ensure proper fluid management and reliable, efficient machine performance.



Battery Switch for Storage

Provides a convenient way to shut power off during storage or transport, preventing drain and extending battery life. This feature ensures the machine is ready to start reliably when needed.


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ALL-IN-ONE STANDARD EQUIPMENT PACKAGE

Machines are factory-equipped with an angle blade, thumb, auxiliary hydraulics (AUX 1 & 2) and a mechanical quick coupler, reducing the need for aftermarket additions.

SMOOTH, STABLE MULTI-FUNCTION HYDRAULIC PERFORMANCE

Consistent hydraulic flow enables precise, simultaneous machine operations, improving cycle times and over all productivity.

PROVEN DURABILITY AND RELIABILITY

Reinforced structures, protective components, and load-holding valves support long-term use in demanding environments.



MX SERIES



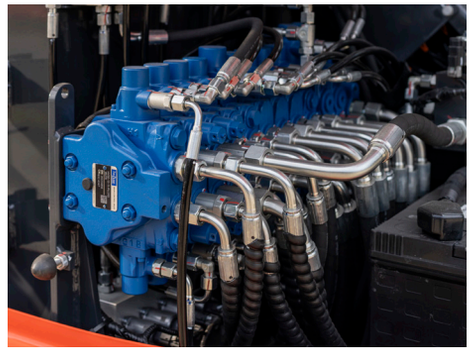
Locking Fuel Cap

Enhances security by preventing unauthorized access to the fuel tank, helping protect against tampering and providing added peace of mind for machines that frequent various job sites.



Reinforced Boom, Arm, & Undercarriage

Built for strength and durability, the reinforced boom, arm, and undercarriage withstand heavy-duty work and harsh conditions. This rugged construction improves longevity, enhances stability and ensures reliable performance in tough work environments.



Load Holding Valves

Enhances safety by preventing unintended lowering of the boom or arm. Load holding valves provide precise control, protect both the operator and machine and maintain stability during lifting and heavy-duty operations.



Intuitive Control Layout

Places all essential controls within easy reach for simple, efficient operation. The intuitive layout reduces learning time, minimizes operator fatigue and allows for more precise, confident machine handling throughout the workday.



Advanced Color Display

The easy-to-navigate color display provides machine status and key information at a glance, along with integrated maintenance hour tracking and many other features to help the operator monitor the machine from inside the cab.



Auto Shift, Auto Idle, Auto Stop

Automatically adjusts travel speed, reduces engine speed during inactivity and shuts down the engine after a predetermined idle time for improved efficiency and reduced fuel consumption.



Protected Hydraulic Hose Routing

Hydraulic lines are strategically routed to help protect them from external impacts while providing easy access for maintenance.



Extended Arm Model

Increase reach and versatility with the Reach + model. Ideal for trenching, grading, and hard-to-access areas, it enhances productivity while maintaining stability, precision control and overall efficiency.


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MX350



SPECIFICATIONS

OPERATING SPECIFICATIONS

MODEL		MX350A	MX350AE	MX750A
WORKING RANGE				
Max Digging Height	ft. (mm)	15.5 (4,710.0)	15.11 (4,843.0)	18.7 (5,670.0)
Max Digging Depth	ft. (mm)	10.1 (3,085.0)	11.3 (3,440.0)	11.5 (3,490.0)
Arm Digging Force	lbf (kN)	4,946.0 (22.0)	4,002.0 (17.8)	6,744.0 (30.0)
Swing Speed	rpm	10.0	10.0	9.6
Boom Swing Angle (Left/Right)	deg.	70 / 50	70 / 50	70 / 55
LIFT CAPACITY				
Rated Lift Capacity (Over Blade)	lb. (kN)	2,315.5 (10.3)	2,540.0 (11.3)	7,193.9 (32.0)
Rated Lift Capacity (Over Side)	lb. (kN)	1,798.5 (8.0)	1,978.3 (8.8)	4,945.8 (22.0)
Lift Eye	lb. (kg)	Standard	Standard	Standard
BUCKET & THUMB				
General Purpose Tooth Bucket	in. (mm)	24.0 (610.0) with 4 teeth	24.0 (610.0) with 4 teeth	24.0 (610.0) with 4 teeth
Thumb		Standard	Standard	Standard
BLADE				
Angle Dozer Blade with Float Function		Standard	Standard	Standard

NOTE: Specifications and design are subject to change without notice.

SPECIFICATIONS

MODEL		MX350A	MX350AE	MX570A
ENGINE				
Model		Yanmar 3TNV88F		Yanmar 4TNV86CT
Cylinder		3		4
Engine Gross	HP (kW)	23.2 (17.3)		48.0 (35.8)
Displacement	cu. in. (CC)	100.2 (1,642.0)		127.6 (2,091.0)
Fuel Tank Capacity	gal. (ℓ)	14.5 (55.0)		16.6 (63.0)
Engine Oil	gal. (ℓ)	1.8 (6.7)		1.7 (6.3)
Auto Idling		Standard		
DIMENSIONS & WEIGHT				
Operating Weight	lb. (kg)	8,510.0 (3,860.0)	9,105.0 (4,130.0)	13,076.0 (5,930.0)
Length	ft. (mm)	15.9 (4,810.0)	15.11 (4,860.0)	18.6 (5,650.0)
Width	ft. (mm)	5.7 (1,700.0)		6.5 (1,960.0)
Height	ft. (mm)	8.2 (2,500.0)		8.5 (2,570.0)
Min. Ground Clearance	in. (mm)	10.0 (258.0)		11.7 (297.0)
Crawler/Track Length	ft. (mm)	6.11 (2,100.0)		8.3 (2,500.0)
Shoe Width	in. (mm)	12.0 (300.0)		16.0 (400.0)
HYDRAULIC SYSTEM				
Pump		Load-Sensing Variable Piston Pump		
Pump Capacity (Max. Flow Rate)	gpm (L/min)	26.2 (99.0)		40.0 (149.4)
Implement Pressure	psi (Mpa)	3,669.0 (25.3)		3,975.0 (27.4)
Hyrdaulic Flow (AUX 1/AUX 2)	gpm (L/min)	15.9 (60.0) / 7.9 (30.0)		26.4 (100.0) / 10.0 (37.0)
Hydraulic Pressure (AUX 1/AUX 2)	psi (Mpa)	2,611.0 (18.0) / 2,321.0 (16.0)		2,901.0 (20.0) / 2,901.0 (20.0)
Pilot Circut Pressure	psi (Mpa)	508.0 (3.5)		508.0-566.0 (3.5-3.9)
Hydraulic Reservoir	gal. (ℓ)	11.1 (42.0)		13.7 (52.0)
Controlled Auxiliary Circuit		Standard (Flow Rate - Monitor Control / Switch Circuit - Selector Valve)		Standard (Monitor Control)
Dual Way Auxiliary Lines w/Proportional Joystick		Standard		
Attachment Rotation Lines Flow Adjustment		Standard		
Attachment Return Oil Line		N/A		Standard
High Pressure Quick Coupler Lines		Standard		
CYLINDERS				
Boom Cylinder (Bore x Stroke)	in. (mm)	3.5 x 20.0 (90.0 x 507.0)		3.7 x 25.0 (95.0 x 640.0)
Arm Cylinder (Bore x Stroke)	in. (mm)	3.1 x 23.0 (80.0 x 590.0)		3.3 x 27.0 (85.0 x 691.0)
Bucket Cylinder (Bore x Stroke)	in. (mm)	2.8 x 18.0 (70.0 x 465.0)		3.0 x 23.0 (75.0 x 589.0)
Stick (Boom) Cylinder Rod Protection	in. (mm)	Standard		
Arm Cylinder Rod Protection	in. (mm)	N/A		Standard
Bucket Cylinder Rod Protection	in. (mm)	N/A		Standard
Dozer Cylinder Guard	in. (mm)	Standard		
DRIVE SYSTEM				
Travel Speed (High/Low)	mph (km/h)	2.6 / 1.4 (4.2 / 2.3)		2.6 / 1.5 (4.2 / 2.4)
Two Speed Auto Shift Travel		Standard		
Ground Contact Pressure	psi (kgf/cm^2)	3.4 (0.24)	3.6 (0.25)	4.6 (0.32)

STANDARD EQUIPMENT

- Auto Idling
- Controlled Auxiliary Circuit
- Dual Way Auxiliary Lines with Proportional Joystick
- Attachment Rotation Lines Flow Adjustment
- Attachment Return Oil Line (MX570A)
- High Pressure Quick Coupler Lines
- Stick (Boom) Cylinder Rod Protection
- Arm Cylinder Rod Protection (MX570A)
- Bucket Cylinder Rod Protection (MX570A)
- Dozer Cylinder Guard
- Two Speed Auto Shift Travel
- Lift Eye
- Angle Dozer Blade with Float Function
- 24 Inch General Purpose Bucket
- Mechanical Quick Coupler
- Towing Eye
- Fuel Gauge
- HVAC
- Radio/Bluetooth
- LED Lights on Cab (2 Front) (MX350A)
- LED Lights on Cab Front and Rear (4 Front, 2 Rear) (MX350AE, MX570A)
- Travel Alarm
- KIOTI Connect Compatible
- Horn
- Secondary Engine Shutoff Switch (MX570A)
- Power-On Password Setting
- Suspension Seat
- Heated Seat (MX570A)
- Key Start (MX350A, MX350AE)
- Push-Button Start (MX570A)
- ROPS Certified Cab
- Sun Visor (MX570A)
- All Locks Universal Key
- BHL-SAE Pattern Change
- Rear View Mirror in Right Front
- Rear View Mirror in Right Rear (MX570A)
- Color LCD Monitor
- Washable Floormat
- Cup Holder
- Glass Breaking Hammer
- Maintenance Tool Kit
- 12V Outlet

OPTIONAL EQUIPMENT

- Digging Buckets
- Hydraulic Quick Coupler
- LED Lights on Cab Front and Rear (4 Front, 2 Rear) (MX350A)
- Rotating Beacon
- Fixed Operator Protective Guards (Front)
- Fixed Operator Protective Guards (Top)
- Rear View Mirror in Left Front
- Rear View Mirror in Right Rear (MX350A, MX350AE)
- Fire Extinguisher Bracket

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