

DigMaster DM150PRO

DigMaster DM150PRO Mini Excavator Instruction Manual

Model: DM150PRO

1. INTRODUCTION

The DigMaster DM150PRO Mini Excavator is a versatile and powerful machine designed for a variety of tasks including landscaping, trenching, and small construction projects. Featuring a 13.5HP gas engine, hydraulic thumb, and quick connect attachments, this compact excavator offers reliable performance and ease of operation in tight spaces.

COMPACT POWER AND PROFESSIONAL CONTROL

The DM150pro mini excavator delivers outstanding performance and operator efficiency in a transport-friendly package.

Powered by a 13.5 HP Briggs & Stratton engine and built on a forged one-piece steel chassis, it provides the digging strength, stability, and responsiveness needed for real construction, landscaping, and property maintenance work—all with lower operating effort and simplified service.

Benefits

HIGH PERFORMANCE

The 13.5 HP Briggs & Stratton® gasoline engine and upgraded hydraulic system deliver consistent digging force and fast cycle times for demanding jobs.

COMPACT ACCESS, BIG CAPABILITY

With a 36-inch width, the DM150pro easily fits through standard gates and narrow jobsite paths—ideal for backyards, orchards, and small contractors.

LOWER MAINTENANCE COSTS

An air-cooled engine design eliminates coolant systems, reducing downtime and long-term service costs.

MORE OPERATOR EFFICIENCY

The dual-joystick pilot control and clear dashboard provide smooth, accurate operation and less fatigue over long hours.

TRANSPARENT SHIPPING & SUPPORT

Includes all-inclusive LTL freight with lift-gate delivery, forklift service, and scheduled appointment—no hidden charges before, during, or after delivery.

Image: Overview of the DigMaster DM150PRO Mini Excavator highlighting its compact power, professional control, lower maintenance costs, and transparent shipping support.

2. SAFETY INFORMATION

Always prioritize safety when operating the mini excavator. Read and understand all safety decals on the machine and in this manual. Wear appropriate personal protective equipment (PPE) including hard hat, safety glasses, hearing protection, and steel-toed boots. Ensure the work area is clear of bystanders and obstacles. Never operate the machine under the influence of drugs or alcohol. Always engage safety locks when not operating the machine or when performing maintenance.

3. UNPACKING AND ASSEMBLY

Your DigMaster DM150PRO Mini Excavator comes with the following components:

- Mini Excavator unit
- Hydraulic Thumb
- Canopy
- Mud bucket
- Ripper
- Auger
- Rake
- Quick Connect System
- Tool Box
- Digital Manual

Upon delivery, inspect the crate for any damage. Note any damage on the Bill of Lading (BOL) and contact customer support immediately. Assembly of attachments is facilitated by the universal quick-attach system. Refer to the digital manual for detailed step-by-step instructions for attaching each accessory.

4. COMPONENTS OVERVIEW

Familiarize yourself with the key components of your DM150PRO Mini Excavator.



Image: The DigMaster DM150PRO Mini Excavator shown with its various attachments, including the bucket, hydraulic thumb, and canopy.

EFFORTLESS PILOT CONTROL



Footnote:

Internal testing vs. mp15 mechanical linkage. Same operator and cycle under controlled conditions. Results vary by material and operator.

Image: Close-up of the excavator's control panel, highlighting the dual-joystick pilot control system for enhanced precision and reduced effort compared to mechanical linkage systems.

LEAK-PROOF & DURABLE DESIGN

—Helps reduce wear and leaks from jobsite abrasion

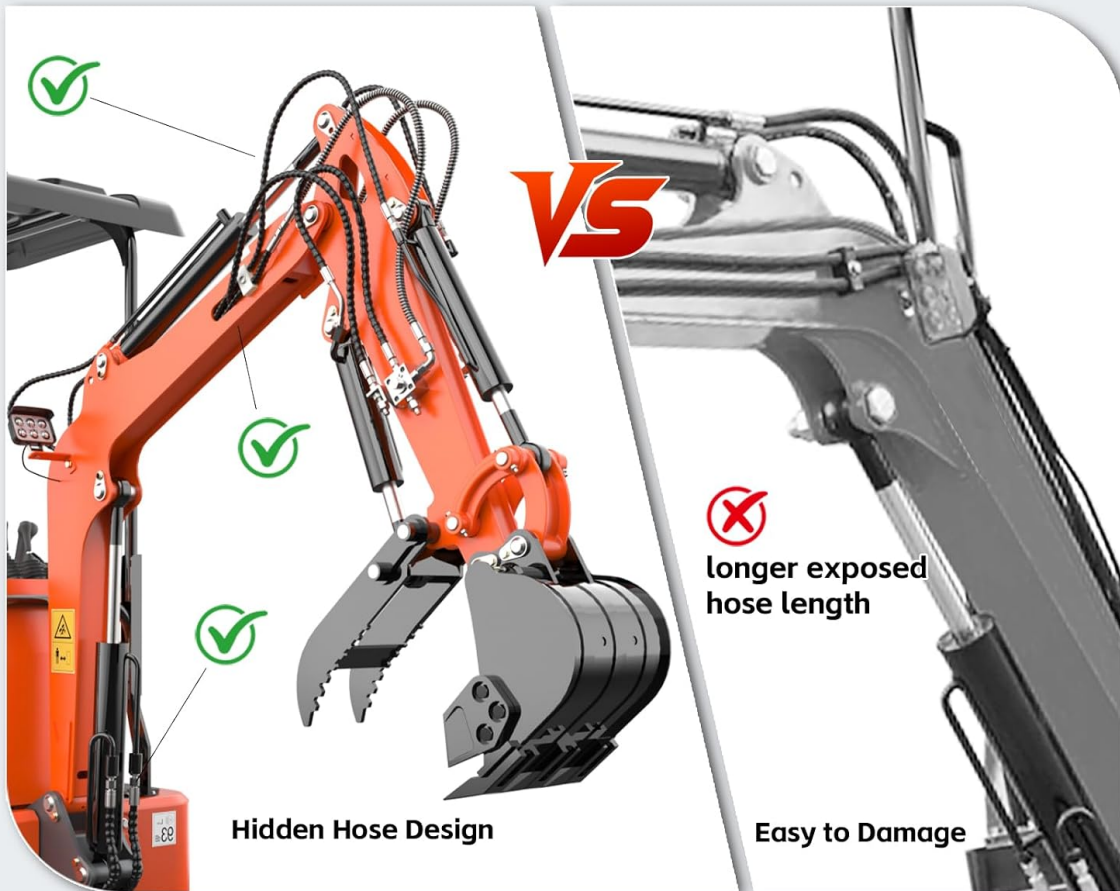


Image: Comparison showing the excavator's hidden hose design, which helps reduce wear and leaks from jobsite abrasion, contrasting with a design featuring longer, exposed hose lengths.

BRIGGS & STRATTON XR2100

—Trusted gas power, installed inside



- Quick daily checks
- Neat hose routing helps reduce wear



- AIR-COOLED, EASY MAINTENANCE
- 25.6 CU IN DISPLACEMENT

Image: The 13.5HP Briggs & Stratton XR2100 gasoline engine, emphasizing its air-cooled design for easy maintenance and 25.6 cubic inch displacement.

DURABLE FORGED CHASSIS



**7.1 IN WIDE
RUBBER TRACKS**
MORE STABILITY
ON UNEVEN GROUND

- **BETTER TRACTION**
- **STABLE FIT**
- **BUILT TO WEAR**



Image: Detail of the durable forged chassis and 7.1-inch wide rubber tracks, providing stability on uneven ground and better traction.



Image: Overview of operator-focused features such as an ergonomic seat, precise pilot control, anti-slip mat, and design for easy maintenance.

5. SETUP

Before starting operation, ensure the mini excavator is on stable, level ground. Check all fluid levels, including engine oil and hydraulic fluid. Fill the fuel tank with appropriate gasoline. The air-cooled Briggs & Stratton engine does not require coolant.

To start the engine, insert the key into the ignition and turn it. If the engine is cold, use the choke. The visual dashboard provides clear feedback on operation.

6. OPERATING INSTRUCTIONS

The DM150PRO features a dual-joystick pilot control system for smooth and responsive handling. Familiarize yourself with the controls before beginning any work.

6.1. Basic Controls

The joysticks control the movement of the boom, stick, and bucket. The foot pedals control the tracks for forward and backward movement, and the boom swing for lateral arm movement. The blade is controlled by a separate lever for raising and lowering.

6.2. Hydraulic Thumb Operation

The hydraulic thumb clamp is operated via a foot pedal, allowing for easy gripping and manipulation of objects. This feature is essential for handling logs, rocks, and debris.

Video: Demonstration of the DigMaster DM150PRO Mini Excavator using the hydraulic grapple attachment to pick up and move logs. This video illustrates the precision and utility of the grapple for various tasks.

6.3. Boom Swing

The boom swing function allows the main arm to pivot left or right independently of the chassis, providing greater flexibility for working in confined spaces or alongside obstacles without repositioning the entire machine.

6.4. Blade Operation

The front blade can be raised or lowered to stabilize the excavator during digging operations or to push and level material. Use it to create a stable platform before heavy digging.

Video: This video showcases the DigMaster DM150PRO Mini Excavator in various working scenarios, demonstrating its versatility and performance in different operational environments.

7. ATTACHMENTS

The DM150PRO features a universal quick-attach system, allowing for rapid and easy switching between various attachments. This enhances the machine's versatility for different tasks.

7.1. Quick Connect System

To change attachments, follow the instructions in the digital manual for engaging and disengaging the quick connect system. Ensure all pins are securely in place before operation.

Video: A demonstration of the quick-connect quick-change system on the DigMaster DM150PRO Mini Excavator, illustrating how easily attachments can be swapped for different tasks.

7.2. Available Attachments

- **Bucket:** Standard digging and loading.
- **Mud Bucket:** Wider for moving loose material.
- **Ripper:** For breaking up hard soil or roots.
- **Auger:** For drilling holes for posts or planting.
- **Rake:** For clearing debris and leveling.
- **Grapple (Hydraulic Thumb):** For gripping and moving irregular objects.
- **Breaker:** For breaking concrete or rock.

Video: This video demonstrates the DigMaster DM150PRO Mini Excavator in action using its standard bucket for digging and moving earth.

Video: The DigMaster DM150PRO Mini Excavator is shown utilizing a rake attachment to clear debris and level ground, highlighting its efficiency in landscaping tasks.

Video: This video illustrates the DigMaster DM150PRO Mini Excavator connecting and operating a rotary drilling rig (auger), demonstrating its capability for drilling tasks.

Video: The DigMaster DM150PRO Mini Excavator is shown using a breaker attachment to demolish hard surfaces, showcasing its power and effectiveness in breaking tasks.

8. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your DM150PRO Mini Excavator.

- **Engine:** The 13.5HP Briggs & Stratton engine is air-cooled, simplifying maintenance by eliminating the need for coolant. Perform quick daily checks as outlined in the digital manual.
- **Hydraulic System:** Regularly check hydraulic fluid levels and inspect hoses for any signs of wear or leaks. The hidden hose design helps reduce abrasion.
- **Tracks:** Inspect rubber tracks for damage and ensure proper tension.
- **General:** Keep the machine clean and free of debris. Lubricate all grease points as recommended in the digital manual.

9. TROUBLESHOOTING

For common operational issues, refer to the detailed troubleshooting guide in the digital manual. If you encounter problems that cannot be resolved, contact DigMaster customer support.

10. SPECIFICATIONS

Feature	Specification
Manufacturer	DigMaster
Model	DM150PRO
Operating Weight	2,000 lbs (up to 2,650 lbs with counterweight)
Engine	13.5HP B & S Gasoline Engine
Product Dimensions	109 x 37 x 86 inches
Transport Width	36 inches (917mm)
Bucket Capacity	0.014 m ³

Control System	Dual-Joystick Pilot Control
Tracks	Rubber Tracks

11. WARRANTY AND SUPPORT

Every DigMaster mini excavator includes a 30-Day Support Period for non-human damage due to product quality (repair or replacement). Lifetime online technical support is also provided.

How to Claim Support:

- Provide order information, photos, and/or videos.
- Retain your Amazon order invoice as proof of purchase.

Support excludes non-quality issues and in-transit damage (handled by the carrier).

Contact Us:

The best way to contact us is through Amazon's messaging system:

1. Go to Your Orders.
2. Find this order.
3. Click "Problem with order" / "Contact seller" to send your message.
4. Replies will arrive in your Message Center (Buyer-Seller Messages).

Alternatively, from the product page, click "Sold by: DigMaster Store" and then "Ask a question" to send a message via the Seller Messaging Assistant.

CONTACT US ON AMAZON
(Buyer-Seller Messages)

<p>Best way (recommended):</p> <ul style="list-style-type: none">• Go to Your Orders → find this order → Problem with order / Contact seller → send your message.• Replies arrive in your Message Center (Buyer-Seller Messages).	<p>Before you buy (product page):</p> <ul style="list-style-type: none">• Click Sold by: DigMaster Store → Ask a question → send via the Seller Messaging Assistant.	<p>Where to read /reply:</p> <p>Open Your Account → Message Center → Buyer-Seller Messages to view our replies.</p>
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Image: Details on how to contact DigMaster customer support via Amazon's messaging system for product inquiries and support.