Gehl 95MX

Gehl 95MX Grinder Mixer Instruction Manual

Model: 95MX

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of the Gehl 95MX Grinder Mixer. It is crucial to read and understand all instructions before operating the machine. Keep this manual accessible for future reference by all operators.
The Gehl 95MX Grinder Mixer is designed for processing various feed ingredients, including grains and forages, into a consistent mix for livestock. Proper use ensures optimal performance and longevity of the equipment.

2. Safety Information

Operating heavy machinery like the Gehl 95MX Grinder Mixer requires strict adherence to safety protocols to prevent injury or equipment damage. Always prioritize safety.

- **Read All Warnings:** Familiarize yourself with all safety decals on the machine and in this manual.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, and sturdy footwear.
- **Machine Inspection:** Before each use, inspect the machine for loose parts, damaged components, or obstructions.
- **Clear Area:** Ensure the operating area is clear of bystanders, children, and animals.
- **Power Take-Off (PTO) Safety:** Always ensure PTO shields are in place and never approach a rotating PTO shaft. Disengage PTO and shut off the tractor before performing any adjustments or maintenance.
- **Emergency Shut-off:** Know the location and operation of all emergency shut-off controls.
- **Maintenance Safety:** Disconnect power and relieve hydraulic pressure before performing any maintenance or repairs.

3. Setup

Proper setup is essential for the safe and efficient operation of your Gehl 95MX Grinder Mixer.

1. **Positioning:** Place the grinder mixer on a level, stable surface, ensuring adequate space for loading, operation, and discharge.
2. **Tractor Connection:** Connect the grinder mixer to a tractor with sufficient horsepower. Secure the hitch pin and

safety chains.

3. **PTO Shaft Connection:** Carefully connect the PTO shaft, ensuring it is correctly aligned and locked into place. Verify that all PTO shields are intact and properly positioned.
4. **Hydraulic Connections:** Connect all necessary hydraulic hoses to the tractor's hydraulic outlets, ensuring correct pairing for functions like auger lift and discharge.
5. **Initial Checks:** Before starting, check all fluid levels, tire pressure, and ensure all guards and covers are securely in place.

4. Operating Instructions

Follow these steps for effective operation of the Gehl 95MX Grinder Mixer.

1. **Start-up:** With the PTO disengaged, start the tractor. Gradually engage the PTO to bring the grinder mixer to operating speed.
2. **Loading Ingredients:** Load ingredients into the hopper. For optimal mixing, add grains and concentrates first, followed by forages. Do not overload the hopper.
3. **Grinding and Mixing:** Monitor the grinding process. Adjust the feed rate and screen size as needed to achieve the desired particle size and mix consistency. Allow sufficient time for thorough mixing.
4. **Discharge:** Once mixing is complete, position the discharge auger over the desired receptacle. Engage the discharge mechanism and slowly open the discharge gate.
5. **Shut-down:** After discharging, disengage the PTO and allow all moving parts to come to a complete stop before leaving the operator's station. Shut off the tractor engine.

5. Maintenance

Regular maintenance is crucial for the longevity and reliable performance of your Gehl 95MX Grinder Mixer.

- **Daily Checks:**
  - Inspect hammers and screens for wear or damage.
  - Check all belts and chains for proper tension and condition.
  - Verify all safety shields are in place and secure.
  - Clean any accumulated feed material from the machine.
- **Lubrication:** Follow the lubrication schedule outlined on the machine's decals or in the Parts Information section. Use recommended lubricants for all grease points and gearboxes.
- **Hammer and Screen Replacement:** Replace worn hammers and screens promptly to maintain grinding efficiency and prevent damage to other components.
- **Tire Maintenance:** Maintain correct tire pressure and inspect for wear or damage.
- **Storage:** When storing the machine for extended periods, clean it thoroughly, lubricate all moving parts, and protect it from the elements.

6. Troubleshooting

This section addresses common issues you might encounter with your Gehl 95MX Grinder Mixer.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Poor grinding performance	Worn hammers or screens; incorrect feed rate; incorrect PTO speed.	Replace hammers/screens; adjust feed rate; ensure correct PTO RPM.
Machine vibrates excessively	Unbalanced hammer mill; loose components; worn bearings.	Inspect and balance hammer mill; tighten all fasteners; check and replace bearings.
Feed material not mixing evenly	Improper loading sequence; insufficient mixing time; worn auger flights.	Follow recommended loading sequence; extend mixing time; inspect and replace auger flights.
Discharge auger not operating	Hydraulic issue; obstruction in auger; worn drive components.	Check hydraulic connections/pressure; clear obstruction; inspect and replace drive components.

For more complex issues or repairs, consult a qualified service technician or refer to the official Gehl service manual.

7. Specifications

Below are general specifications for the Gehl 95MX Grinder Mixer. Specific details may vary based on configuration and year of manufacture.

- **Model:** Gehl 95MX
- **Type:** Grinder Mixer
- **Hopper Capacity:** *(Example: Approximately 100-120 bushels)*
- **Hammer Mill:** *(Example: Reversible, hardened steel hammers)*
- **PTO Speed:** 540 RPM (Standard)
- **Required Tractor HP:** *(Example: 50-80 HP, depending on material)*
- **Discharge Auger Length:** *(Example: Various options available)*
- **Weight:** *(Example: Approximately 3,500 - 4,500 lbs, empty)*

Note: For precise specifications, refer to the data plate on your specific machine or the official Gehl product literature.

8. Parts Information

For detailed diagrams, part numbers, and ordering information for replacement components, please consult the official **Gehl 95MX Grinder Mixer Parts Manual**.



Image: Cover of the Gehl 95MX Grinder Mixer Parts Manual. This manual contains exploded views and part lists essential for identifying and ordering replacement parts for your machine.

When ordering parts, always provide the full model number and serial number of your Gehl 95MX Grinder Mixer to ensure you receive the correct components.
The parts manual typically includes:

- Exploded view diagrams of assemblies.
- Detailed lists of individual components with part numbers.
- Information on fasteners and hardware.

9. Warranty and Support

For information regarding the warranty coverage of your Gehl 95MX Grinder Mixer, please refer to the warranty statement provided at the time of purchase or contact your authorized Gehl dealer.
For technical support, service, or to locate an authorized Gehl dealer, please visit the official Gehl website or contact their customer service department. Always have your machine's model and serial number ready when seeking support.

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