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Model: 2818 | Brand: Bruder

INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Bruder 02818 MACK Granite Liebherr Crane Truck. Designed for realistic play, this model features numerous functional components to enhance the experience of young construction enthusiasts. Please read all instructions carefully before use to ensure safe and proper operation.

SAFETY INFORMATION

**WARNING! Not suitable for children under 3 years due to choking hazards from small parts.
Recommended age: suitable from 4 years upwards for playing indoors and outdoors.**

- Always supervise children during play.
- Ensure all parts are securely attached before operation.
- Do not attempt to lift objects heavier than the crane's intended capacity to prevent damage or tipping.
- Keep small parts away from young children to avoid choking.

SETUP

1. **Positioning the Truck:** Place the crane truck on a flat, stable surface.
2. **Extending Stabilizer Legs:** Locate the four outriggers (stabilizer legs) on the sides of the truck. Extend them outwards and downwards until they firmly support the truck, ensuring maximum stability during crane operation.
3. **Attaching Counterweight (Optional):** The counterweight compartment at the rear of the crane can be filled with sand or gravel to provide additional stability when lifting heavier loads. Secure the counterweight with its holding bracket.



Image: Bruder 02818 MACK Granite Liebherr Crane Truck with its crane boom extended and stabilizer legs deployed for stability.

OPERATING INSTRUCTIONS

Crane Boom Operation

- **Extending the Boom:** The crane boom can be extended to approximately 50 inches. Use the adjusting knob and locking mechanism to extend and secure the boom at the desired length. An additional extension piece can be snapped onto the end of the boom for maximum reach.
- **Adjusting Boom Height:** The telescopic and height-adjustable jib works with a patented adjusting cylinder. Use the controls to raise or lower the boom to the required height.
- **360° Swivel:** The crane attachment can swivel 360 degrees, allowing for versatile positioning and lifting.

Hook and Cable Reel

- **Lowering/Raising the Hook:** The die-cast hook features a device for quick and noiseless lowering. Use the functional cable reel drive to precisely lower or raise the hook. The cable reel includes specially developed overload protection.
- **Durable Hook:** The high-quality metal hook is designed for durability and resistance to breakage.

Truck Features

- **Driver's Cab:** The operator's cab features a sliding panel door for easy access.
- **Engine Access:** The engine hood can be unlatched and opened to view the engine compartment.
- **Realistic Details:** Enjoy realistic features such as swing-out mirrors, soft rubber-like sculptured tires, fenders, front panel, hood ornament, rear-view mirrors, exhaust pipes, roof lights, fanfares, and frame add-ons with a chrome look.



Image: Detailed view of the crane truck's cab, stabilizer leg, and crane arm, highlighting functional elements.

MAINTENANCE

- **Cleaning:** Wipe the truck clean with a damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the truck in a dry, cool place away from direct sunlight to prevent material degradation.
- **Inspection:** Periodically check all moving parts, especially the crane mechanism and cable, for any signs of wear or damage.

TROUBLESHOOTING

- **Crane Mechanism Sticking:** If the crane boom or hook mechanism becomes stiff, ensure no debris is obstructing the moving parts. A small amount of silicone lubricant can be applied to plastic-on-plastic contact points, avoiding the cable.
- **Stability Issues:** If the truck tips during lifting, ensure the stabilizer legs are fully extended and the counterweight compartment is adequately filled.
- **Cable Snagging:** Ensure the cable is properly wound on the reel and not tangled. Avoid overloading the hook beyond its intended capacity.

SPECIFICATIONS

Feature	Detail
Product Dimensions	25.98 x 7.28 x 10.63 inches
Item Weight	9.9 pounds
Model Number	2818
Material	High-quality plastics (ABS)
Scale	1:16
Manufacturer	Bruder

WARRANTY AND SUPPORT

For information regarding warranty, returns, or product support, please refer to the official Bruder website or contact their customer service directly. Keep your purchase receipt as proof of purchase.