TMENGINEERING
LEADERS IN SAMPLE PREPARATION AND GRINDING SYSTEMS

Rhino Jaw Crusher

RELIABLE CRUSHING SOLUTIONS FOR RESEARCH AND INDUSTRY

The Rhino Jaw Crusher serves as the precursor to the Terminator Jaw Crusher and is primarily employed in settings with intermittent usage, such as research labs and educational facilities. With an input size of 5″ x 7″ (127mm x 178mm) and an output down to -10 mesh, it matches the Terminator in these specifications.

This budget-friendly and durable Jaw Crusher has garnered favor from top-tier mining corporations globally for over three decades. The longevity of our original units still in use is a testament to the Rhino's unmatched reliability and performance.

For convenient operation in isolated locations, the Rhino Jaw Crusher can also be outfitted with a gas-powered motor.

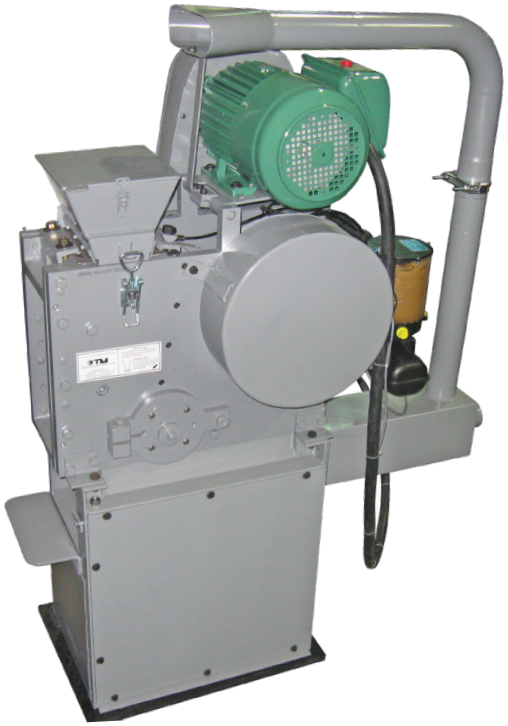
THE RHINO JAW CRUSHER COMES IN THREE DISTINCT MODELS

JC#1: Manual Lubrication: Users are required to manually grease ten separate points every eight hours or as necessary. A grease gun and cartridge are included.

JC#1ML: Single-Point Lubrication: Users only need to manually grease a single point every eight hours or as necessary. This distributes the lubricant to all other grease points. A grease gun and cartridge are included.

JC#1AL: Automatic Lubrication: Users simply need to ensure the grease container is filled. The system will automatically distribute the lubricant to all greasing points. A full grease container is included. It's recommended to purchase a 20-liter supply of specified lubricant.

Each model is designed to meet various operational requirements, offering a range of options for lubrication management.



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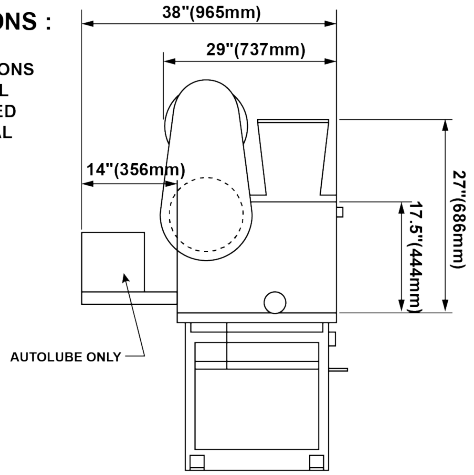
Rhino Jaw Crusher Technical Specifications

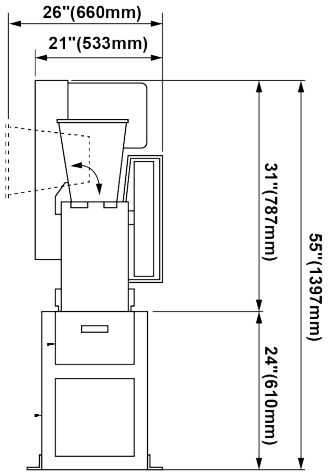
WEIGHT :	**1000lb (455Kg)** **1200lb (545Kg) EQUIPPED WITH ALL OPTIONS**
POWER :	**3 PHASE / 60Hz 3HP or 5HP MOTOR** **SINGLE PHASE / AND/OR 50Hz MOTORS AVAILABLE** **PLEASE SPECIFY AT TIME OF ORDERING** **VOLTAGE OPTIONS: 208, 220, 230, 240, 380, 415, 440, 460, 480, 575, 600**
MODELS AVAILABLE :	
MODEL #1	**MANUAL LUBRICATION**
MODEL #1ML	**SINGLE POINT LUBRICATION**
MODEL #1AL	**AUTOMATIC LUBRICATION**

DIMENSIONS :

NOTE:
ALL DIMENSIONS ARE NOMINAL AND ROUNDED FOR GENERAL REFERENCE

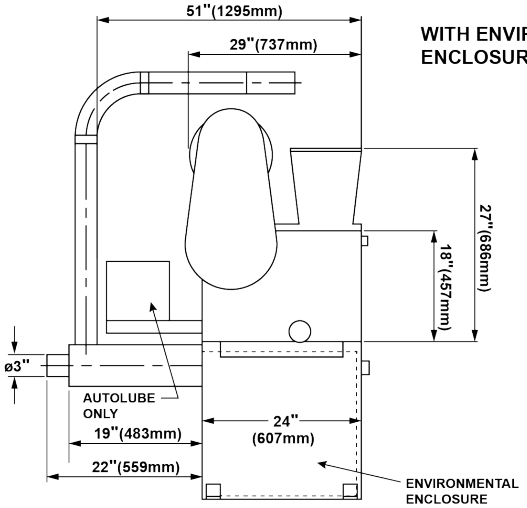


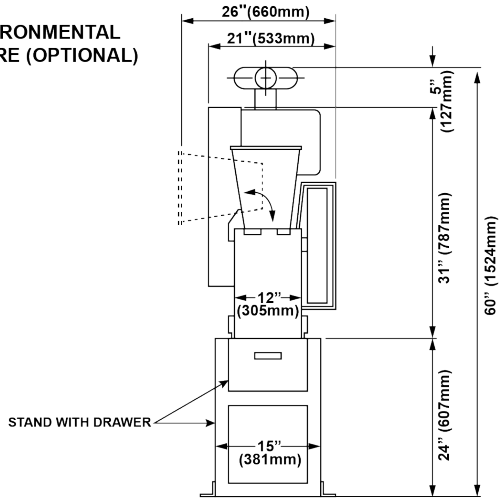
SIDE VIEW



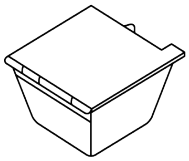
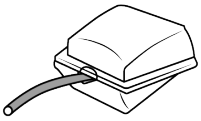
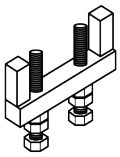
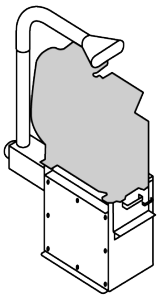
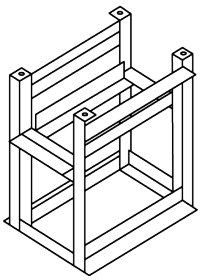
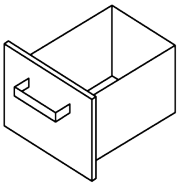
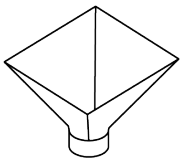
FRONT VIEW

WITH ENVIRONMENTAL ENCLOSURE (OPTIONAL)





Rhino Jaw Crusher Accessories

Feeding Hopper 6-1/2”(165mm) or 10-1/2”(266.7mm) High	
Electrical pre-wiring with overload connection	
Extractor (Tool to facilitate maintenance)	
Environmental Enclosure	
Stand	
Drawer	
Dust Collecting Hopper	

TECHNICAL COMPARISON: RHINO VS. TERMINATOR

In the realm of advanced machinery, both the Rhino and the Terminator have been engineered to deliver precision and performance.

PERFORMANCE AND DURABILITY

Rhino: Competently designed to meet operational needs, comparable to a 3/4 ton industrial-grade equipment.

Terminator: Precision-engineered for superior resilience and endurance, analogous to a 2-ton industrial-grade equipment. Although both models demonstrate effective grinding capabilities, the Terminator offers prolonged consistency in ground media uniformity. Additionally, users have noted the ease and speed of adjustments related to media control on the Terminator, leading to its preference among a significant number of our clientele.

DISTINCTIVE TECHNICAL FEATURES

- **Moving Jaw Bearings:** The Terminator's are 5-10 times more durable than those in the Rhino. Additionally, its pusher bearings offer double the capacity with three bearings compared to the Rhino's two.
- **Flange Bearings:** The Terminator's bearings are designed to handle twice the operational load.
- **Moving Jaw Shaft Diameter:** The Terminator boasts a 2″, enhancing the load capacity over the Rhino's 1-1/2″.
- **Main Shaft Composition:** Terminator's shaft is constructed from the highest grade steel available, ensuring utmost resilience.
- **Frame Integrity:** Augmented frame design in the Terminator ensures reinforced durability.
- **Adjustment Device:** The Terminator features a positive adjustment mechanism (non-adjustable post-locking) for jaw positioning, consolidated to one side for efficiency.
- **Bearings Longevity:** Advanced incorporation of a forced blown air system in the Terminator maintains lower operational temperatures, extending bearing lifespan.
- **Performance Assurance:** The Terminator consistently delivers 93-95% passing at -10 mesh, contingent upon the even wear of the jaws.

OPERATIONAL RECOMMENDATION

For intensive, heavy-duty operations or for users seeking the highlighted advanced features, the Terminator emerges as the optimal choice.