



Olnova Model 5 E Gun Destruction

Static Dual Shaft Shredder Advanced Data Sheet

Details

Manufacturer	Olnova
Model	Model 5 E Gun Destruction
Category	Static Dual Shaft Shredders

Overview

The Olnova Model 5E is a fully electric, stationary shredder specially configured for secure firearm destruction. Engineered from the original Model 5 platform, this version includes key modifications such as a lower conveyor height for improved material capture, custom screens to ensure complete destruction, and a compact frame designed to fit through a 6' x 8' doorway. Its slow-speed, high-torque shafts are ideal for handling dense materials, while the reverse shaft function prevents blockages for uninterrupted operation. Hydraulic side combs help control output size, and large access doors along with a quick-change shaft system make maintenance simple. Fully electric and emissions-free, the Model 5E is suited for indoor use and offers reduced operational costs. With built-in Industry 4.0 capabilities for remote monitoring and diagnostics, this shredder sets a new standard for safe, efficient, and sustainable firearm disposal.

Processed Materials

Guns / Rifles

Recommended Use

Best For	Shredding guns, rifles. Need an electric shredder for indoor applications.
Good For	Medium-scale projects needing a static shredder. C&D waste, concrete, soft metal, asphalt, tires and small metal goods.
Not Built For	

Extremely high-volume industrial shredding needing larger machines. Applications where a tracked unit would be better suited

Specifications

Shaft Length	60"
Transport Size (L x W x H)	22'1" X 6'8" X 9'
Shredding chamber dimension (W x L)	53.3" X 60"
Engine Power	214 hp
Ton per hour	Up to 50 tph
Feed Height	10'8"
Size Out	Up to 2.40"
Mobility	Static
Engine Type	Electric Motor
Working Size (L x W x H)	22'1" X 6'8" X 10'6"

Features

- ✓ Lower decibel levels compared to hammermill and diesel engine
- ✓ Operate indoors for specialized operations
- ✓ Quickly replace shafts
- ✓ Remote performance analysis and troubleshooting worldwide
- ✓ Electric powered - save money on fuel
- ✓ Cost-saving and efficient electric motor
- ✓ Hydraulic discharge conveyor

Add-Ons

Custom paint Job

Shaft Transport Rack

Pair of spare shafts with quick exchange cassette

Frequently Asked Questions

What is the benefit of hardfacing my Olnova Model 5 E Gun Destruction shafts?

Hardfacing the shafts of the Olnova Model 5 E Gun Destruction can significantly reduce the need for replacement or maintenance, reducing machine downtime and increasing operational efficiency.

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