

# MUNSON

MACHINERY COMPANY, INC.

## ROTARY DE-CLUMPER

[www.munsonmachinery.com](http://www.munsonmachinery.com)

Industry  
Leader  
Since  
1823



### Description:

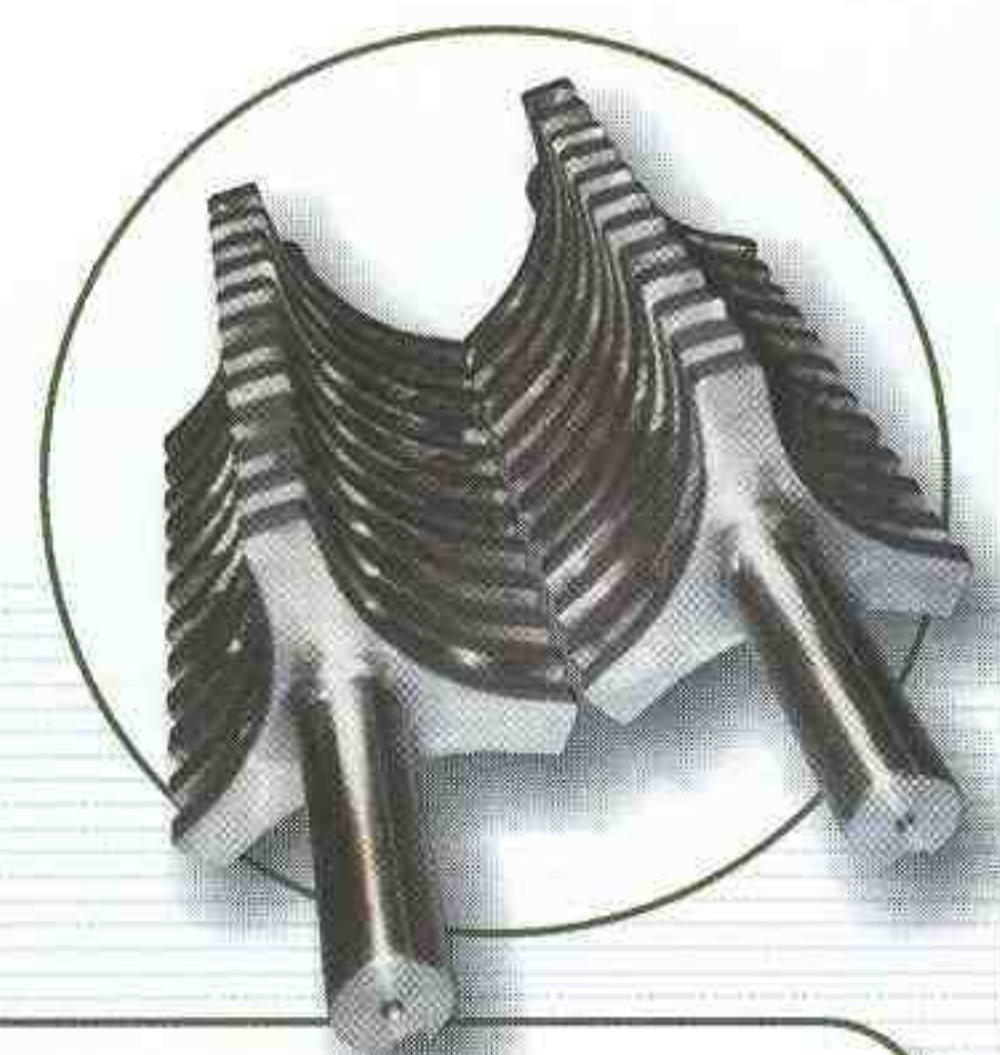
Founded in 1823, Munson Machinery Company is one of the oldest manufacturers of size reduction equipment in America. The formula behind our success and longevity is no secret: An ongoing commitment to quality and service. Every Munson machine is built one at a time...and *built to last*.

Our Rotary De-Clumper is no exception. It is designed for dry powder de-agglomeration, reducing scrap product, or compacted, lumpy, and hard friable materials from silos, bags or bulk sacks. The Rotary De-Clumper is heavy duty, dual-rotor mill that is inexpensive, simple to maintain, and trouble free!

### Design & Construction:

The Rotary De-Clumper is a modular dual rotor design with rugged, three-point single-piece breaking heads constructed of abrasion-resistant steel (standard). The rotors are synchronized to operate approximately 100 RPM to avoid product heat rise. Bearings are isolated from the product processing area with a multiple labyrinth air purge seal design. The rotor assembly can be quickly removed from the housing from one end for replacement.

The De-Clumper's smooth yet ultra-tough synchronized drive is one of the features that sets it apart from its competition. No oil bath is needed. There are no intermeshing gears to wear out or bind. Only the shaft bearings require lubrication, and this is easily accomplished from external access points, making this mill a maintenance staff favorite! Larger units feature a redundant dual-drive configuration to eliminate any concern about upstream material back-up in the event of motor or power failure- an important consideration when dealing with high-volume material flows.



### Features:

- Low Profile Construction
- Integral Housing & Drive
- Capable of Inline or Free Standing Operation
- Rugged Design to Withstand Heavy Use
- Low Maintenance Requirements
- Air Purge Seals
- Serpentine Drive for Smooth Operation
- External Lubrication Access for all Bearings
- Quick & Easy Classifying Screen Changeover
- Available in a Variety of Materials and Options
- Hopper Base & Transitions to Suit Specific Application Requirements



## DIMENSIONS & SPECIFICATIONS

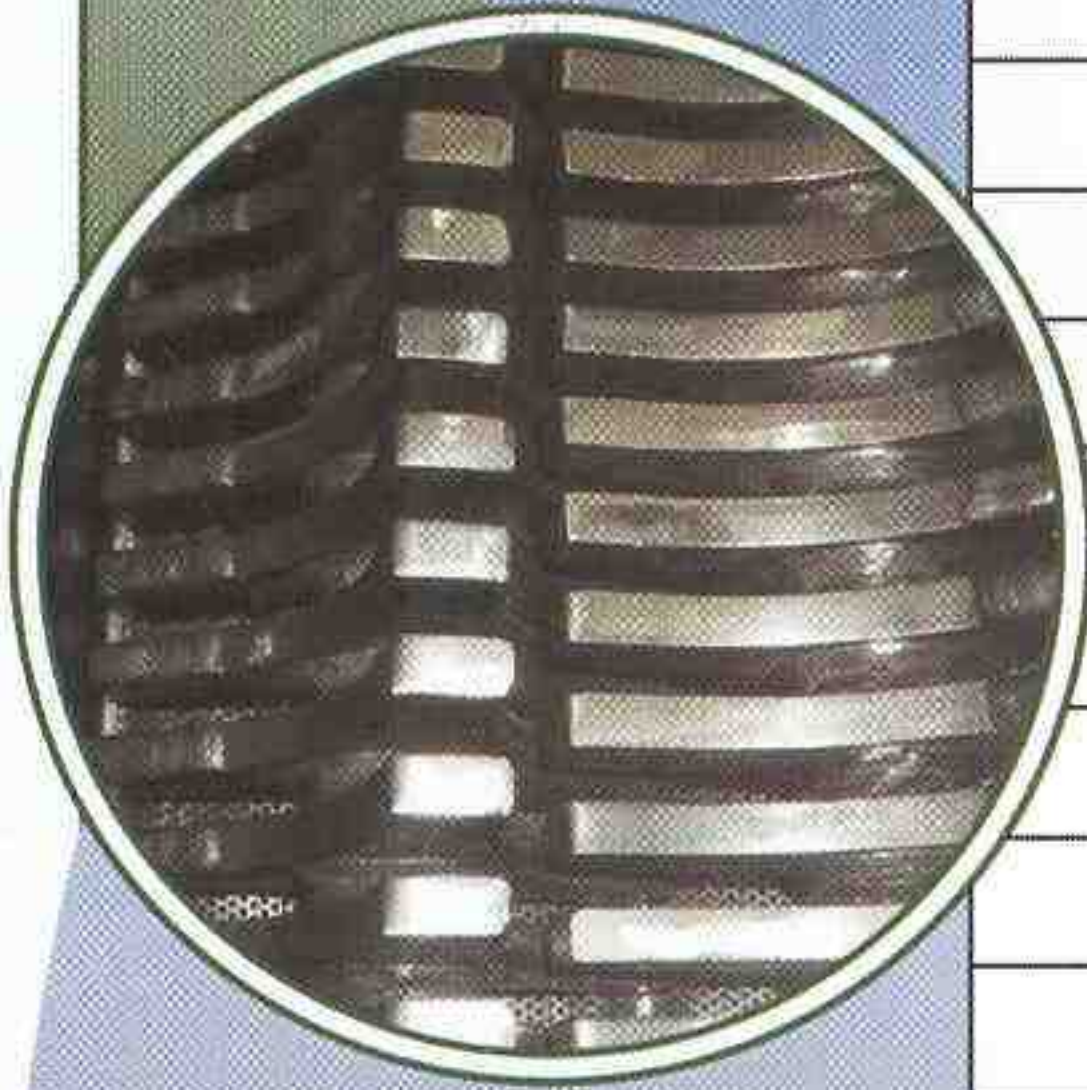
**Note:**

Due to Munson Machinery's ongoing quality & product development programs, design and specifications may change without notice. Always consult factory to verify the information provided here.

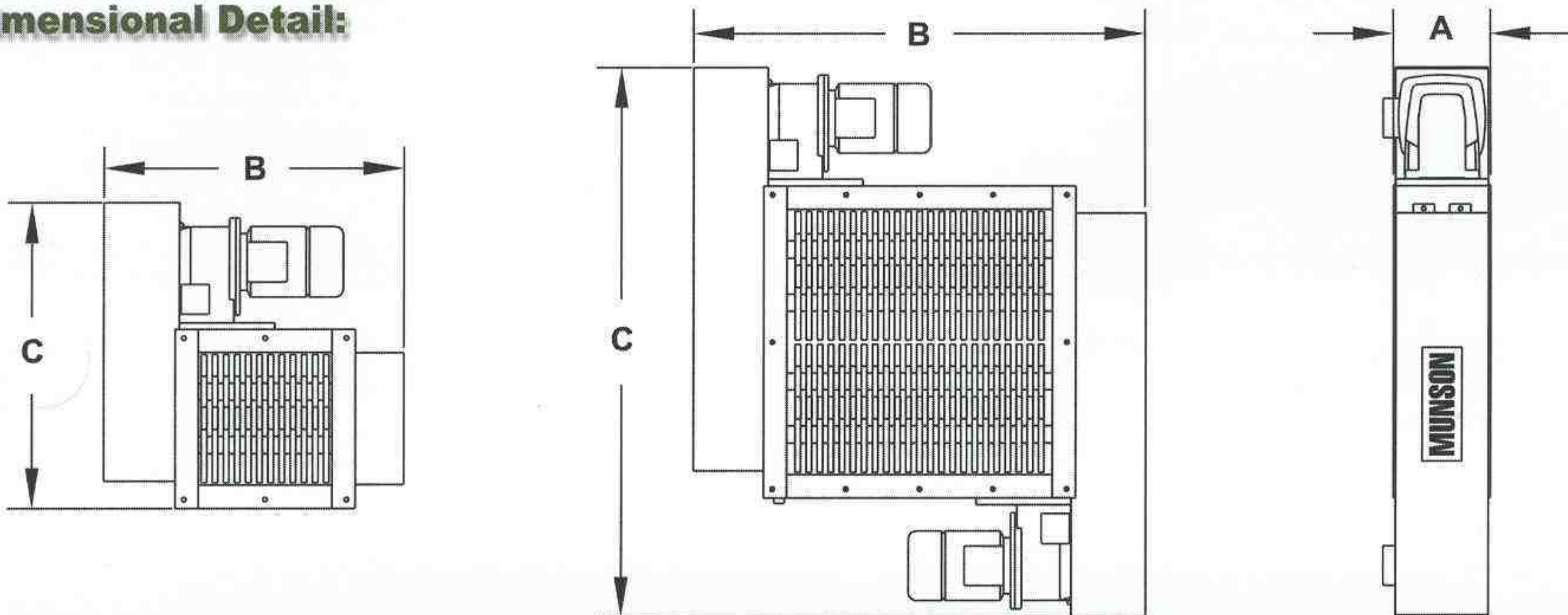
### Approximate Overall Dimensions (inches)

Horsepower	RDC Model No.	A	B	C	Rotor(s)
3	15 x 15	11	34	35	2
5	15 x 30	11	49	35	2
10	30 x 30	11	51	62	4
3-5	12 x 12	16	34	34	1
5 - 10	12 x 24	16	46	34	1
7½ - 15	24 x 24	16	50	64	2
15 - 30	36 x 36	16	64	76	3
20 - 40	48 x 48	16	76	90	4

Custom Units Built to your Specifications!



### Dimensional Detail:



### Options:

- Carbon Steel Construction
- #304 & #316 Stainless Steel Construction
- Abrasion-Resistant Steel (AR-235) Construction
- Sanitary Duty
- Replacement Liners & Coatings: UHMW, AR235, etc.
- Hoppers, Bases & Support Structures
- Variable Speed Controls
- Special Configurations are Available for Unique Applications
- Easily replaceable classifying screens are available from 1/32" to 2 ½"



Since 1823

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