

# *Stainless Steel Separator*



**ERIEZ STAINLESS STEEL SEPARATOR SYSTEM  
RECOVERS STAINLESS STEEL FRAGMENTS**



## ERIEZ STAINLESS STEEL SEPARATOR

# *Magnetic Separators*

*Eriez' Stainless Steel Separator extracts stainless steel and weakly magnetic metals from materials sized 2" or smaller. In addition to being a valuable commodity, stainless steel can escape upstream separation and cause damage to wire chopping and processing equipment. Typically, stainless steel has been recovered using expensive sensor sorting technology. Using an Eriez SS Separator, stainless can now be effectively recovered much more economically.*

*The SS Separator is positioned as a magnetic head pulley on conveyor belts up to 60 inches wide. It produces an extremely high surface gauss easily attracting and holding work-hardened stainless steel and other weakly magnetic material.*



### FEATURES

- **Powerful 6-inch diameter Rare Earth Magnetic Pulley**
- **Wear Resistant Belt**
- **Variable Speed Controls**
- **Adjustable Splitter**
- **Heavy-Duty Frame**

*Clean Product*



# Scalping Drum Magnet

Prior to reaching the Stainless Steel Separator, the material will pass over a less powerful magnetic drum separator to recover ferrous metal. This will debulk the material and prevent ferrous from potentially damaging the high strength stainless steel separator and/or belt.

## Easy Access Inspection Panels



## Adjustable Splitter



Multiple types of drum magnets are available



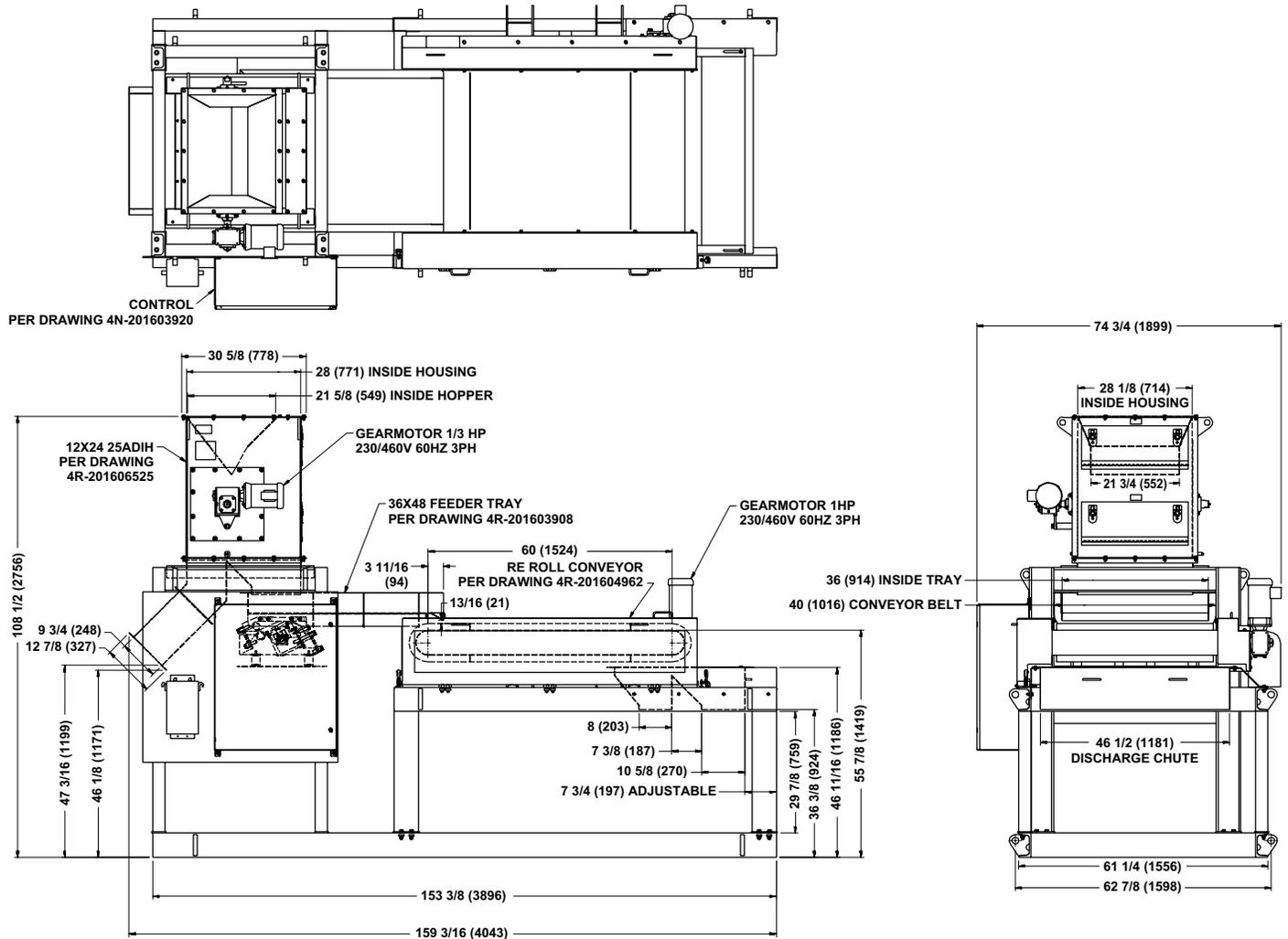
## STAINLESS STEEL SEPARATOR SYSTEM MODELS

- 20" System with:
  - 12" Diameter x 12" Wide Model 25A Drum
  - HD-66C Vibratory Feeder with 16" Wide x 30" Long SS Tray
  - 20" Wide SS Separator Conveyor
- 40" System with:
  - 12" Diameter x 24" Wide Model 25A Drum
  - HD-66C Vibratory Feeder with 36" Wide x 48" Long SS Tray
  - 40" Wide SS Separator Conveyor
- 60" System with:
  - 12" Diameter x 36" Wide Model 25A Drum
  - HD-66C Vibratory Feeder with 56" Wide x 48" Long SS Tray
  - 60" Wide SS Separator Conveyor

Vibratory feeders spread material evenly across the belt



# 40" Wide Stainless Steel Separator System



Eriez and Eriez Magnetics are registered trademarks of Eriez Manufacturing Co, Erie, PA

©2017 Eriez Magnetics All Rights Reserved



## World Authority in Separation Technologies

Headquarters: 2200 Asbury Road, Erie, PA 16506-1402 U.S.A.

Telephone: 814-835-6000 • 800-345-4946 • Fax: 814-838-4960 • International Fax: 814-833-3348

Web Site: <http://www.eriez.com> e-mail: [eriez@eriez.com](mailto:eriez@eriez.com)



Manufacturing Facilities: AUSTRALIA • BRAZIL • CANADA • CHINA • INDIA • JAPAN • MEXICO • SOUTH AFRICA • UNITED KINGDOM • UNITED STATES