

65B-HC High Capacity Electromagnetic Vibratory Feeder

The 65B-HC High Capacity Electromagnetic Vibratory Feeder offers a nearly 90%* greater capacity than the standard model. It features a drive and electromagnetic coil design with a stronger Rare Earth permanent magnetic armature assembly.

Boasting the widest capacity range in the industry, the 65B-HC will feed controlled amounts from a few pounds to 330 tons (300 mt) of bulk material per hour*.

This rugged electromagnetic feeder is ideal for metering material to belt conveyors, screens, crushers and elevators.

Ask about special trays used with screens and grizzlies. Optional dust covers, abrasive liners and more are offered.

Available as an under-mount or overhead drive with either base or suspended mounting.



**Feeds Up To
330 Tons (300MT)
Per Hour***

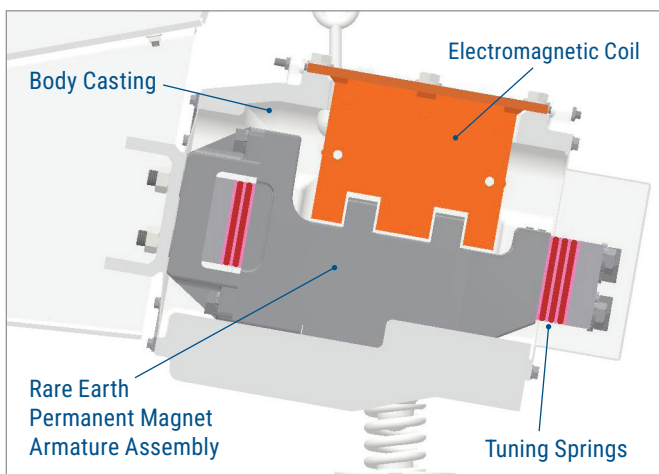
Features

- High-power electromagnetic drive
- IP 65 rating
- Excellent feed rate adjustability
- No wear, rotating or sliding parts
- Ideal for head load applications below hoppers
- Energy efficient AC operation
- Standard and custom engineered tray designs for your specific application
- Optional abrasion resistant steel, chrome carbide or UHMW liners
- Solid-State controls offer variable speed precise feed rate control with accelerometer feedback for added protection and feed accuracy

Electrical Requirements & Typical Voltages: Single Phase

Voltage	Freq.	Amps
115	60	20
230	60	10
460	60	5
575	60	4

Voltage	Freq.	Amps
115	50	20
230	50	10
380	50	6
415	50	6.5



65B-HC High Capacity Electromagnetic Vibratory Feeder

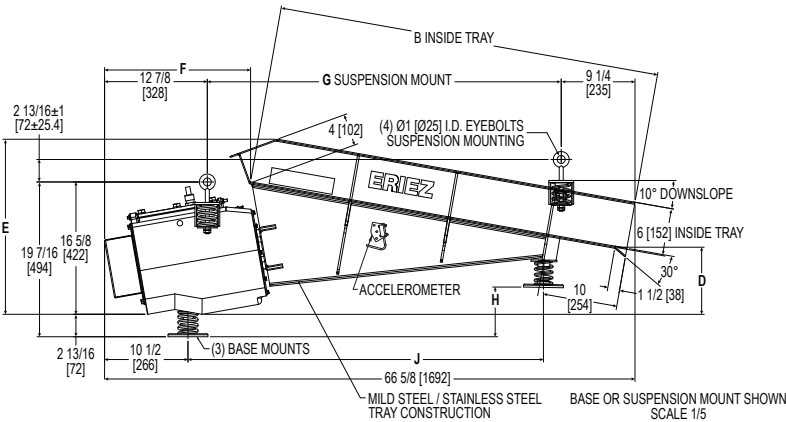
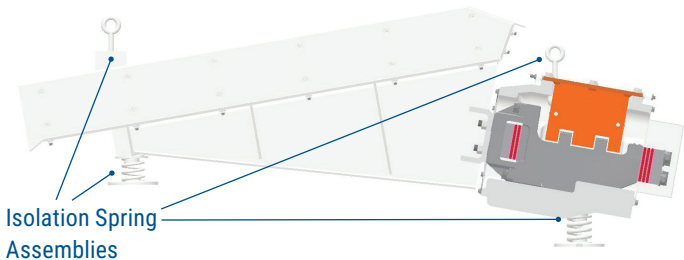
Superior Drive Design

Eriez’ unique AC drive applies power on both the forward and reverse direction of the feeder tray, giving superior linearity and control compared to an attract-release design.

The coil and magnet in Eriez’ drive unit are encapsulated in epoxy, eliminating coil movement and extending trouble-free coil life.

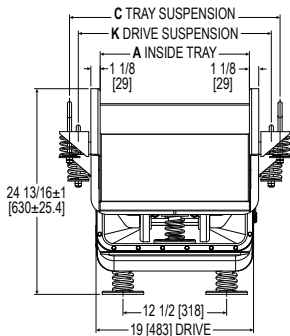
The simplicity of Eriez’ drive powered by alternately opposing and attracting magnetic forces assures low maintenance and accurate feeding. There are no sliding or rotating parts, power consumption is low and installation is easy.

The enclosed drive assembly is dust- and moisture-resistant which extends coil life.



Standard Tray Options

Size		A	B	C	D	E	F	G	H	J	K
14x54	in	14	54	25-3/8	8	22-9/16	14-5/8	46-11/16	5-3/4	46-7/8	21-3/8
356x1372	mm	356	1372	645	202	573	372	1186	147	1191	544
18x48	in	18	48	25-3/8	8-3/8	21-15/16	18-3/8	44-7/16	6-3/16	44-5/8	23-1/4
457x1219	mm	457	1219	645	213	557	466	1129	157	1134	591
24x36	in	24	36	25-3/8	8-3/8	19-13/16	18-1/2	35-1/4	5-3/4	35-7/16	31-3/8
610x914	mm	610	762	645	212	503	469	895	147	900	798



*Capacity is based on dry sand weighing 100 lb/cu ft (1600 kg/cu m) with a 24 x 36 inch (610 x 915 mm) trough at a 10° downslope, and skirt boards included on hopper for maximum material depth of flow. Dimensions are approximate, drawing is available for installation.

Unicon-HC Controls

Compact AC controls regulate feeder speed by varying applied voltage and are available for automated operation.

- Accepts 4-20 ma signal
- Remote On/Off
- CE, UL and CUS tagged
- 115, 230, 380, 460 and 575 Volt & 50hz or 60hz options
- Accelerometer feedback
- Voltage regulation for precise feed rate control
- Nema 4 enclosure or chassis mount



ERIEZ
GLOBAL LEADER IN SEPARATION TECHNOLOGIES

HEADQUARTERS
2200 Asbury Road • Erie, PA 16506-1402 U.S.A.
+1-814-835-6000 • eriez@eriez.com
www.eriez.com

