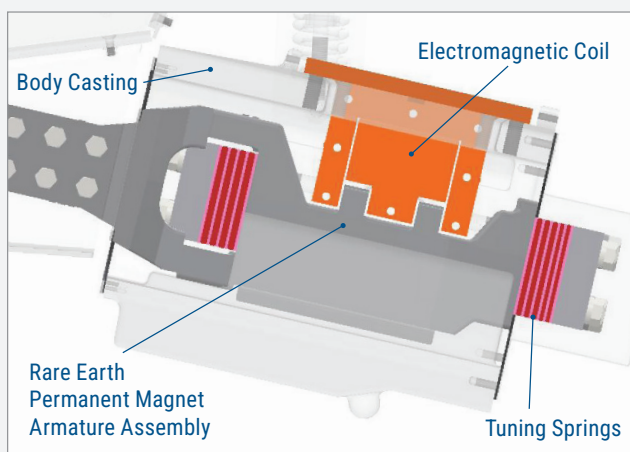


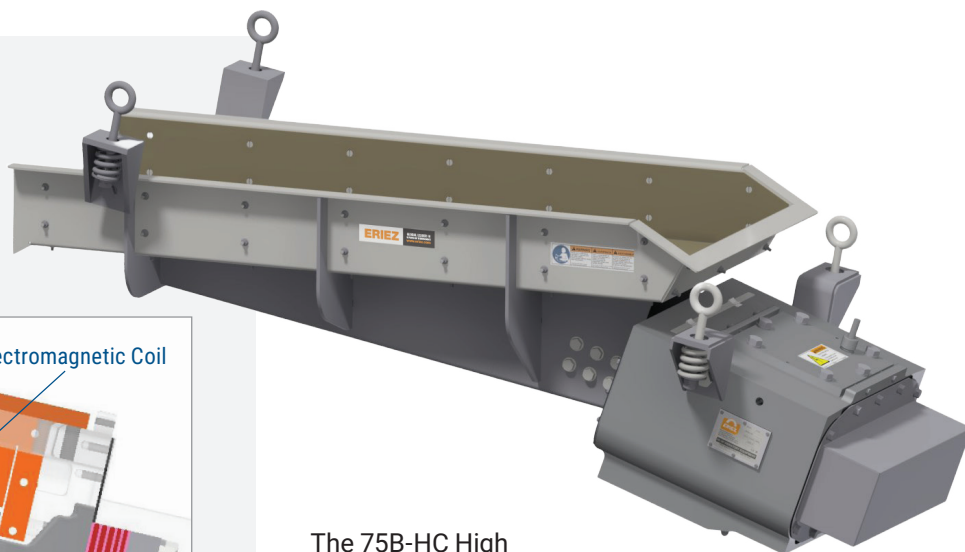
75B-HC High Capacity Electromagnetic Vibratory Feeder

**Feeds Up To
542 Tons (491MT)
Per Hour***



Features

- High-power electromagnetic drive
- IP 65 rating
- 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
- Available for base or suspension mount, suspension shown above
- Solid-State controls offer variable speed precise feed rate control with accelerometer feedback for added protection



The 75B-HC High Capacity Electromagnetic Vibratory Feeder offers a nearly 100%* greater capacity than the standard 75B model. It features a drive and electromagnetic coil design with a stronger Rare Earth permanent magnetic armature assembly.

Now boasting the widest capacity range in the industry, the 75B-HC will feed controlled amounts from a few kilograms to 542 tons (491 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.

Electrical Requirements & Typical Voltages: Single Phase

Voltage	Frequency	Amps
230	60	25
460	60	12.5
575	60	10.5
230	50	20
380	50	12
415	50	11

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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.

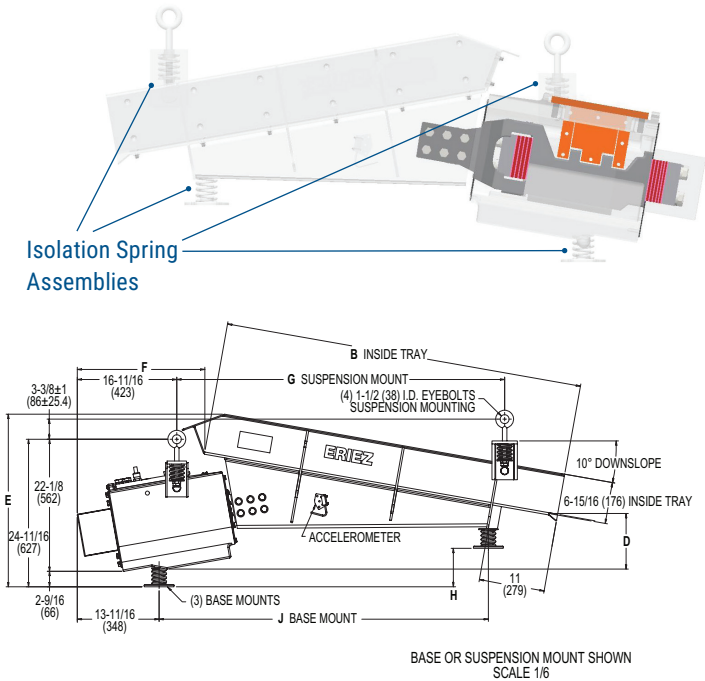
The electromagnetic coil and rare earth armature are a proven design that requires minimal maintenance and extends the life of the feeder.

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.

Variety of Trays

In addition to the wide variety of standard trays, special trays such as tubular, covered, screens and various liners, etc., are available.



Standard Tray Options

SIZE		A	B	C	D	E	F	G	H	J	K
12x84	in	12	84	27-1/4	8-3/8	32-3/16	16-11/16	64-9/16	6-3/8	67-1/16	20-7/8
305x2134	mm	305	2134	692	213	817	423	1640	163	1704	530
18x72	in	18	72	27-1/4	8-5/16	30-1/8	17-13/16	59-7/16	5-7/8	62	26-7/8
457x1829	mm	457	1829	692	211	766	453	1509	149	1574	683
24x60	in	24	60	32-7/8	9-5/16	28-7/8	21-3/8	54-7/8	6-7/16	55-1/8	31-1/4
610x1524	mm	610	1524	835	236	734	542	1394	164	1400	794
30x52	in	30	52	38-7/8	9-3/8	27-9/16	23	47-3/8	6-5/16	49-15/16	27-1/4
762x1321	mm	762	1321	987	238	700	585	1204	160	1269	692
36x42	in	36	42	44-7/8	9-11/16	26-3/16	24-11/16	43-7/16	6-5/16	43-11/16	27-1/4
914x1067	mm	914	1067	1140	247	665	627	1104	160	1110	692

*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 & 50 or 60 Hz options
- Accelerometer feedback, 15-meter cable (49 ft.)
- 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

