



## Vibrating Machinery & Installations



Driven by unbalanced motors, electromagnetic drives or exciters

Heavy construction without maintenance

Standard list machines

Adapted to the customer's needs

Manufactured according to CE regulation

## Discharge feeders (electromechanics and electromagnetics)



**Vibrotech Engineering S.L.** is a Spanish company whose main activity is the design and manufacture of vibrating machines and installations of different types for use in the transport and selection of solid material.

More than 50 years experience of our parent company, Talleres Alju S.L., always in contact with the needs of industry, and our commitment to research and development of new solutions, enables us to undertake projects in many industrial sectors.

The company's professional team has ample experience in the design and manufacture of vibrating machinery and is at the disposal of its customers to meet their needs and adapt to their production demands.

### Means of production.

Our head company, Alju, S.L., has a 10,000 m<sup>2</sup> plant, 5,000 m<sup>2</sup> of which is indoors with all of the means of production, where our machines are manufactured and subjected to the most demanding quality tests.



### Vibrotech Engineering, S.L.

#### Vibrotech offices

Camino Pokopandegi, 11  
20018 - San Sebastián  
Gupúzcia - Spain

#### Central offices

Ctra. San Vicente, 17  
48510 - Valle de Trápaga  
Vizcaya - Spain

Tel.: +34 943 010 811  
+34 902 810 643

admin@vibrotech-eng.com

[www.vibrotech-eng.com](http://www.vibrotech-eng.com)

#### Delegations:

Madrid  
Barcelona  
Sevilla  
Bilbao  
Islas Canarias







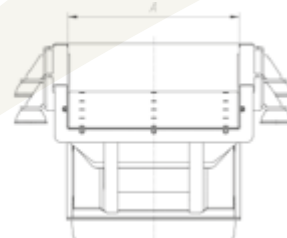
## Electromagnetic discharge feeders type HEA

### Description

Used for the extraction of different products of hoppers through a constant flow. These machines are driven by an electromagnetic drive and controlled through an external regulation card.

The electromagnetic regulation card allows regulating in manual through a potentiometer or through an analogic signal as 0-20mA, 4-20 mA or 0-10 V.

This way it allows a constant regulation of the flow to be extracted, which makes these machines suitable for dosing and weighing operations.



Model	Width		Length	
	mm	inch	mm	inch
HEA 300 X 600	300	12	600	24
HEA 400 X 750	400	16	750	30
HEA 500 X 900	500	20	900	35
HEA 600 X 1100	600	24	1100	43
HEA 700 X 1100	700	28	1100	43
HEA 800 X 1300	800	31	1300	51
HEA 900 X 1500	900	35	1500	59

### Options

- Supported or hanging.
- Retention material bars
- Chute with regulation trap door.
- Covering: hardox steel, stainless steel, plastic covers or others.
- Different constructions: frontal or lower exit, open or closed, etc...

## Electromechanical discharge feeders type HEE

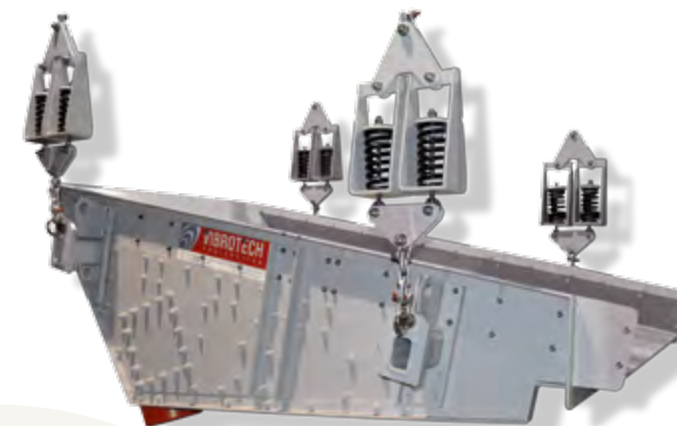
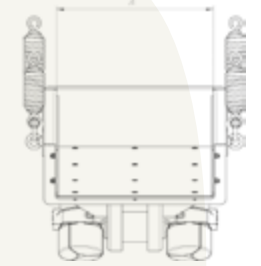
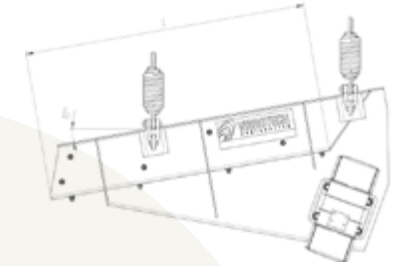
### Description

Used for the extraction of different products from hoppers through a constant flow.

These machines have a wide range of utilities in several industrial sectors, as in the extraction of stone in quarries, extraction of ferroalloys in the steel industry or others.

The flow regulation of is done by manipulating the excentric weights of the electromechanical vibrators. It can also be done by regulating the board at the outlet of the hopper.

For constant flow regulation, the vibrators can be connected through a frequency inverter, modifying the flow to be extracted in an easy and operative way, through a potentiometer or an external analog signal.



Model	Width		Length		400v (50Hz)	400v (60Hz)
	mm	inch	mm	inch	Kw	Kw
HEE 500 x 700	500	20	700	28	0,6	0,67
HEE 600 x 900	600	24	900	35	1,05	1,18
HEE 800 x 1300	800	31	1300	51	1,1	1,23
HEE 900 x 1500	900	35	1500	59	1,8	2,02
HEE 1100 x 1700	1100	43	1700	67	3,2	3,58
HEE 1200 x 1900	1200	47	1900	75	3,2	3,58
HEE 1300 x 2100	1300	51	2100	83	3,2	3,58
HEE 1500 x 2300	1500	59	2300	91	5	5,60
HEE 1800 x 2500	1800	71	2500	98	5	5,60
HEE 2000 x 2750	2000	79	2750	108	6,4	7,17
HEE 2500 x 3000	2500	98	3000	118	6,4	7,17

### Options

- Supported or hanging.
- Retention material bars
- Chute with regulation trap door.
- Covering: hardox steel, stainless steel, plastic covers or others.
- Different constructions: frontal or lower exit, open or closed, etc...