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ingenieros s.a.

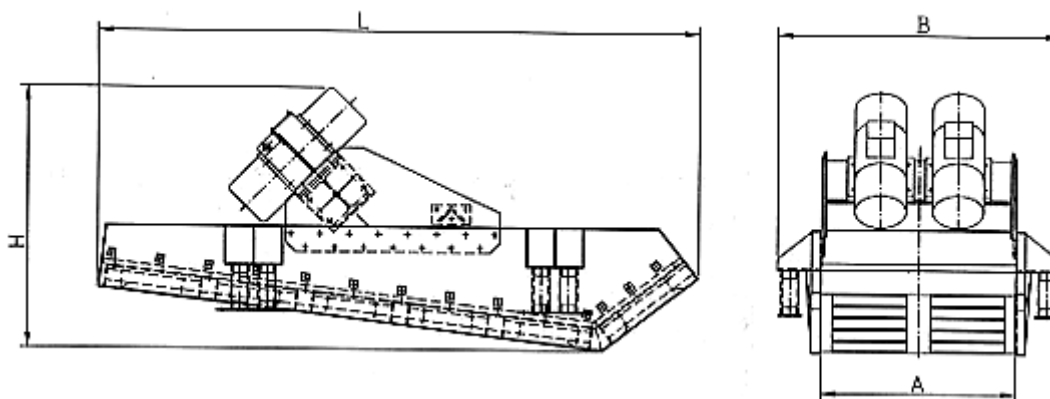


**Draining
racks**

EV serie

- Moisture residual degree up to 10%.
- Driven by 2 REX electric external vibrators.
- No maintenance required.
- Low energy consumption.
- Made following the CE directives.

Draining racks. EV serie.



Technical characteristics

Type	Driven by 2 vibrators	Power absorbed kW	Production m ³ /h	A	D	L	H	Weight kg
					mm			
EV-A 50/150	REX-51 140/15	3,5	8	500	980	2000	1100	470
EV-A 50/200	REX-51 140/15	3,5	10	500	980	2500	1100	610
EV-A 100/200	REX-62 350/15	5,5	15	1000	1480	2500	1140	1025
EV-A 100/250	REX-62 350/15	5,5	20	1000	1480	3000	1140	1140
EV-A 150/300	REX-71 500/15	14,6	40	1500	1980	3500	1300	2350

Two REX electric vibrators, normally turning at **1500 r.min⁻¹**, drive the EV vibrating draining racks, to obtain the separation of the solid materials from the liquid ones.

The backside and the bottom of the structure are equipped with a special rack, made of trapezoidal profiles, resistant to the oxidation.

The bottom is made with a **3° ascendant angle** to the discharge, avoiding that the water goes out by the front part.

The liquid part, in the drain rack inlet, is normally up to 60% of the mixture. Most of it goes quickly through the back racks. Besides of this, the liquid leaks under the gravity effect, inside the mixture, going out through the bottom racks. The solid parts, smaller than the rack light are lost with the water, but they can be eventually retrieved by a settling tank and poured out again to the drain rack.

Depending on the product to be handled, at the end of the drain operation, a **10 to 15% moisture residual degree** can be obtained, which is the limit through mechanical means.

The light of the racks is chosen in accordance with the material granulometric composition.



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