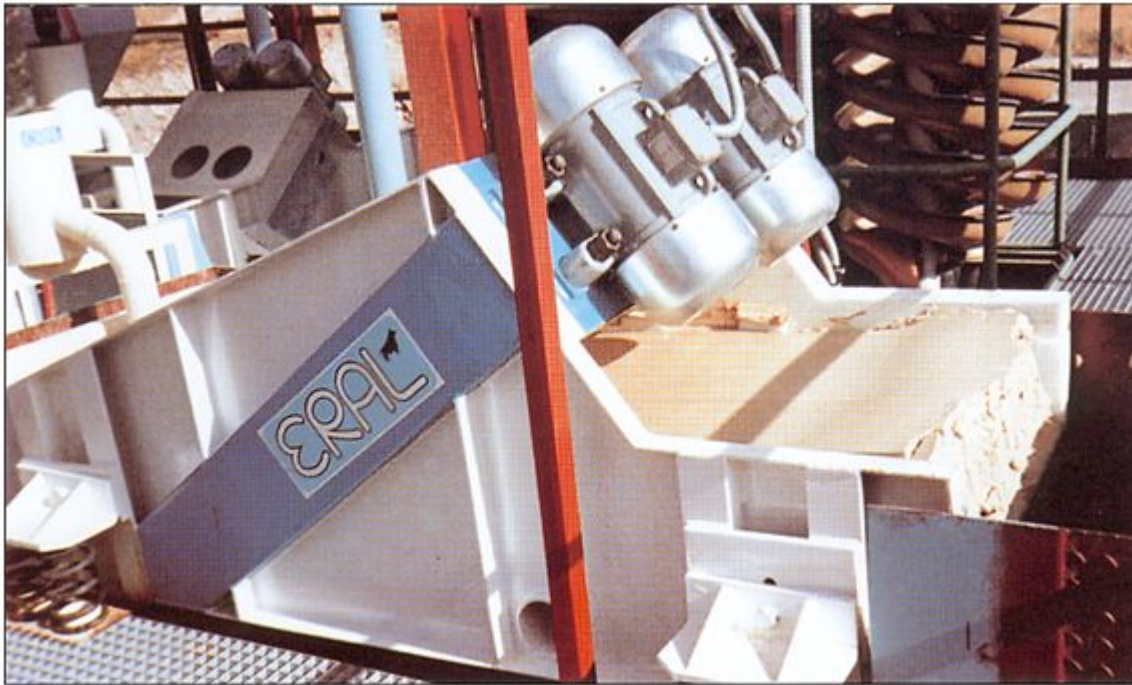


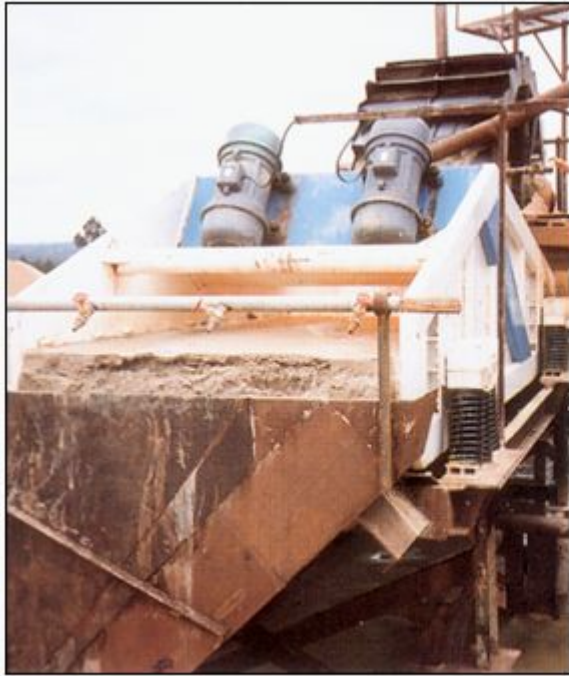
DEWATERING SCREENS



Dewatering screens resemble a conventional screen, with screen deck inclined slightly upwards to the outlet end direction.

Main applications are as follows:

- For sand dewatering to meet quality control standards, when the water content in final product is loaded with clays and other non-wanted materials, as it normally occurs in the case of sand washing plants with water shortage in the process.
- To assure regular moisture of sand mainly applied to the concrete manufacturing, or to avoid extra transport cost due to excess water content, keeping so from water spillage in motor-ways.
- For filtration process, depending on grain-size product to substitute or cut-down cost of more expensive equipment, such as vacuum filters.



CONSTRUCTION FEATURES

The trough is manufactured in machine-welded steel plate, with tubular cross members to reach a solid and non-bending assembly. Its walls are protected by replaceable plates abrasion-resistant.

The screen cloth consists of a set of modular polyurethane pannels. Its special design of trapezoidal cross-section slotted opening, together with its elasticity, prevents the mesh from beco-

ming blinded, what ensures a larger effective filtering area than in other types of mesh.

The rear side of the trough bears modular window slots to improve filtration.

The assembly is equipped with two motor-driven vibrators, whose centrifugal force can be adjusted to improve dewatering when required. The vibration is linear with high frequency and low amplitude.

TYPE	WIDTH (mm.)	LENGTH (mm.)	WEIGHT (Kg.)	POWER (Kw.)	CAPACITY (T/h)	
					COARSE SAND	FINE SAND
EV 300/2	300	1.600	372	1.4	10	5
EV 600/2	600	1.600	445	1.4	40	20
EV 600/3	600	1.600	857	1.4	45	25
EV 900/3	900	2.400	1.116	2.6	65	35
EV 900/4	900	3.200	1.551	3.4	75	45
EV 1200/3	1.200	2.400	1.422	5.8	125	70
EV 1200/4	1.200	3.200	2.051	8.4	130	75
EV 1500/4	1.500	3.200	2.317	10.2	165	95
EV 1500/5	1.500	4.000	3.523	10.2	170	100
EV 1800/5	1.800	4.000	3.742	10.2	180	105
EV 1800/6	1.800	4.800	4.911	15.0	185	110
EV 2100/5	2.100	4.000	4.795	15.0	225	135
EV 2100/6	2.100	4.800	5.410	20.0	260	155

Capacity values are for products with a specific gravity of 2.65 T/M³ and 70% W/W solids concentration. For coal, it should be considered 60% of indicated values.



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