

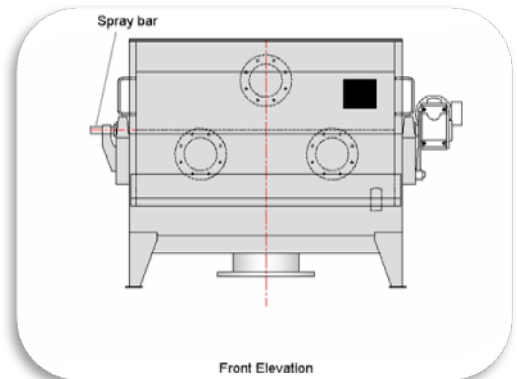
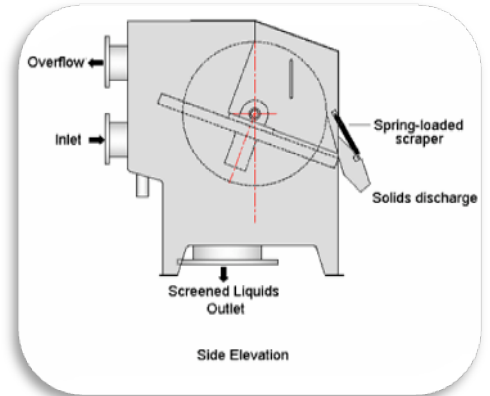
Gaparator Range - External Rotary Screen (ERS)



The Gaparator ERS range of external rotary screens operate with a pumped or gravity feed entering the inlet launder which is designed to reduce the flow velocity and ensure a uniform and controlled distribution of liquids and suspended solids. This is presented to a circumferentially wound external wedge wire drum and dewatering takes place immediately on contact with the carefully selected Slot Gap screen cylinder.

Suspended solids on rotation are efficiently removed by a spring-loaded doctor blade whilst the screened liquid passes through the cylinder and performs a systematic backwash of the screen opening on its exit to the outlet chamber.

An integral wash facility is provided to intermittently flush the screen providing maximum open area at all times affording high capacity throughputs with the ability to separate fine and hostile particles. Machine widths range from 300mm to 3000mm.



KEY DATA	
Types	Modular
Media : liquids	Waste water
Screen types	Rotating screens
Materials	Stainless steel
Maximum aperture size (mm)	2.5
Minimum aperture size (mm)	0.25

FLOW CAPABILITIES (m³/hour)

FIGURES ARE BASED ON AVERAGE THROUGHPUTS AND CONDITIONS. FOR SPECIFIC APPLICATIONS PLEASE CONTACT TECHNICAL SALES

MODEL	SLOT GAP (mm)							UNLADEN WEIGHTS (Nominal)
	0.25	0.50	0.75	1.00	1.50	2.00	2.50	
ERS 300	18	40	55	70	90	100	110	146
ERS 500	25	55	75	100	125	127	130	170
ERS 750	40	90	125	130	143	159	172	200
ERS 1000	54	120	130	149	165	174	188	230
ERS 1250	68	130	150	168	175	190	206	260
ERS 1500	81	152	170	181	195	210	223	290
ERS 2000	108	157	184	198	215	225	236	330
ERS 3000	120	179	205	224	232	255	295	380