

Gaparator Range - Internal Rotary Screen (IRS)



The Gaparator Internal Rotary Screen (IRS) operates with an internal construction wedge wire, woven wire or perforated drum.

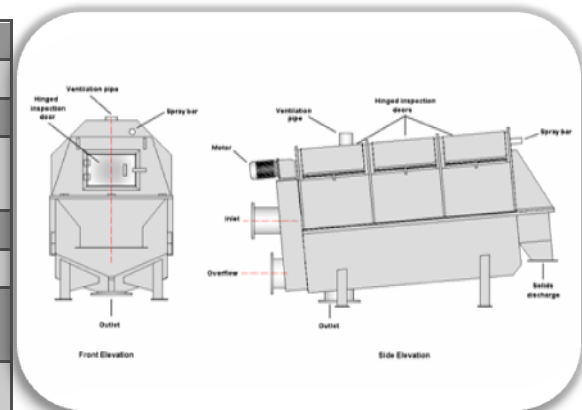
It is a fully enclosed mechanically driven screen with an integrated wash system. It provides a confined solids discharge ideally suited for direct feed into a compacting rotary screw system if further handling is required.

The Gaparator IRS range can be installed as a stand-alone system or as part of any treatment plant at the primary stage. Single or multiple units are supplied for duty standby and duty assist situations.

The Gaparator IRS range provides numerous configurations and can be tailored to suit bespoke requirements. Machines are supplied complete with removable covers and safety switches. Isolator stop/start control panels incorporate an overflow facility with level sensors.



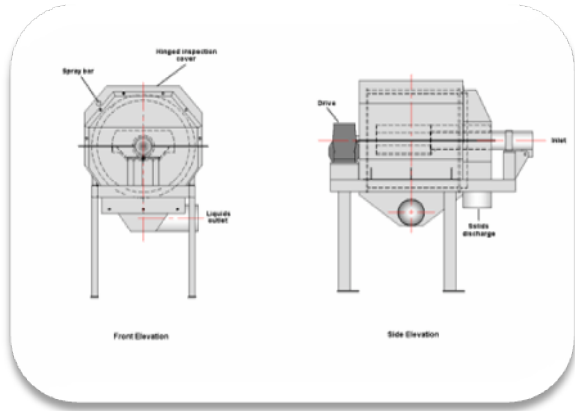
KEY DATA	
Types	Modular
Media : liquids	Sewage
Media : solids	Sewage screenings
Screen types	Drum screens, inlet screens, rotating screens
Materials	Stainless steel
Features	Self-cleaning
Maximum aperture size (mm)	3
Minimum aperture size (mm)	0.25



FLOW CAPABILITIES (m³/hour) - INCLINED DRUM

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

MODEL	SLOT GAP (mm)						UNLADEN WEIGHTS
	0.25	0.50	0.75	1.00	1.40	3.00	(Nominal)
IRS 6250	38	47	54	92	108	260	350 kgs
IRS 9020	79	110	150	211	324	650	950 kgs
IRS 1230	136	255	398	643	1045	2200	1300 kgs



FLOW CAPABILITIES (m³/hour) - PARALLEL DRUM

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MODEL	SLOT GAP (mm)						UNLADEN WEIGHTS
	0.25	0.50	0.75	1.00	1.50	2.00	(Nominal)
IRS 6-60	20	28	35	42	50	57	250 kgs
IRS 6-90	25	36	47	59	75	100	550 kgs
IRS 9-120	43	61	80	98	130	170	750 kgs
IRS 9-180	68	95	115	142	190	258	950 kgs