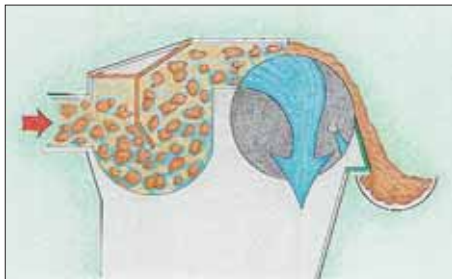


Hycor® Rotostrainer®

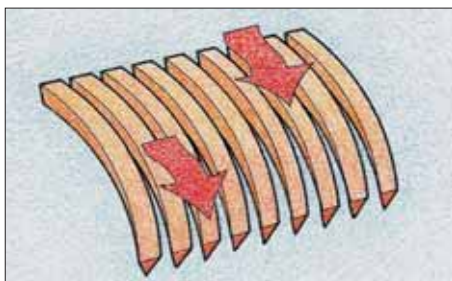
Automatic Wedgewire Screen



The Rotostrainer screens discrete solids, scum and oily materials without blinding



The influent enters the headbox and is evenly distributed over the length of the cylinder



Stainless steel wedgewire, the preferred choice for fine screening

Externally-fed automatic rotary wedgewire screen



The Rotostrainer screen, introduced over 25 years ago, is the original self-cleaning wedgewire screen.

The Rotostrainer screen handles difficult solids, including scum, oily and greasy materials in municipal and industrial applications. Opening sizes are available from 0.010" (.250 mm) to 0.100" (2.54 mm). Capacities range from 60 GPM (13.6 M³/H) to 7800 GPM (1771 M³/H) in a single unit. Additional models are available to handle higher capacities.

The Rotostrainer screen features a heavy-duty corrosion-resistant stainless steel chassis and wedgewire screening cylinder. The screen is externally-fed so that influent is directed under a baffle, then upward and over the length of the cylinder. The natural

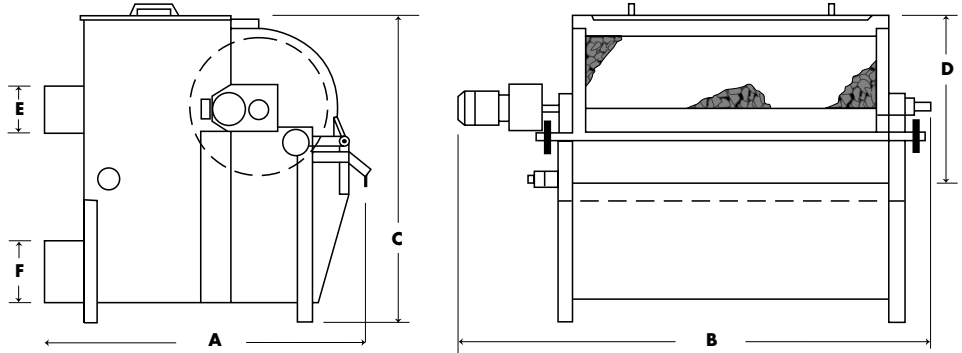
action of wastewater cascading through the screen creates a powerful backwash which results in a continuously clean surface. Solids are caught on the outside of the screen surface and are removed by a tensioned doctor blade.

All Rotostrainer units have an internal spray bar available. This spray bar is positioned within inches of the surface of the cylinder and benefits greasy applications or applications requiring small size screen openings.

The Hycor Rotostrainer screen is one of the few rotary screens available with an automatic doctor blade cleaner assembly that wipes away solids, particularly sticky materials that build up on the primary doctor blade.

Superior by design

- Horizontally mounted cylinder bearings simplify maintenance.
- Adjustable counter-weighted primary doctor blade without a spring tensioning mechanism minimizes accidental over-tensioning.
- Removable headbox cover minimizes splashing and reduces housekeeping.
- Easily accessible headbox simplifies routine maintenance.
- Optional base is an integral part of the chassis and requires no sealing or gasketing.
- Simplified motor arm brackets reduce stress and fatigue.
- Corrosion-resistant stainless steel construction.



Model No.	Motor HP	Screen Dia	Screen Length	Height		C w/ base	D w/o base	E Influent	F Effluent	Dry Wt.		Operating Wt.	
				A Depth	B Length					w/ base	w/o base	w/ base	w/o base
2512	1/3	25	12	55 7/8	39 1/8	52 3/8	31 5/8	65/8	85/8	600	490	1016	607
	(.25)	(626)	(305)	(1420)	(994)	(1337)	(803)	(168)	(220)	(272)	(222)	(460)	(275)
2524	1/3	25	24	55 7/8	51 1/8	52 3/8	31 5/8	10 3/4	12 3/4	716	581	1548	815
	(.25)	(626)	(610)	(1420)	(1299)	(1337)	(803)	(273)	(324)	(325)	(263)	(702)	(370)
2548	1/2	25	48	55 7/8	77 1/2	52 3/8	31 5/8	12 3/4	16	989	805	2653	1273
	(.38)	(626)	(1220)	(1420)	(1968)	(1337)	(803)	(324)	(407)	(449)	(365)	(1203)	(577)
2572	1/2	25	72	55 7/8	101 1/2	52 3/8	31 5/8	14	18	1297	1064	3793	1766
	(.38)	(626)	(1829)	(1420)	(2578)	(1337)	(803)	(324)	(457)	(589)	(482)	(1722)	(801)
2584	1/2	25	84	55 7/8	113 1/2	52 3/8	31 5/8	(2)12 3/4	(2)16	1430	1172	4342	1991
	(.38)	(626)	(2134)	(1420)	(2882)	(1337)	(803)	(324)	(457)	(649)	(532)	(1971)	(904)
3672	3/4	36	72	72	104 1/2	67 1/2	44	16	20	1850	1650	6450	3250
	(.55)	(915)	(1829)	(1829)	(2654)	(1715)	(1118)	(407)	(508)	(840)	(749)	(2926)	(1474)
3684	3/4	36	84	65	115 1/2	67 1/2	44	20	19 1/4	2150	1925	7000	3795
	(.55)	(915)	(2134)	(1651)	(2934)	(1715)	(1118)	(508)	(489)	(975)	(873)	(3175)	(1721)
36120	1	36	117 1/2	72	152 1/4	67 1/2	44	20	(2)18	2940	2650	8450	5250
	(.75)	(915)	(2985)	(1829)	(3867)	(1715)	(1118)	(508)	(457)	(1334)	(1202)	(3833)	(2381)

All dimensions are approximate and rounded up to the nearest 1/4. See your Parkson Representative for specific dimensions and engineered drawings. Pipe diameters are O.D.

Dimensions: US DATA: in, HP, lb.
(METRIC DATA: mm, kW, kg.)



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