

WEIL Wastewater Pumps

Vertical, Submersible, and Dry Well Models

Grinder

Model Index

Grinder and Slicer wastewater pumps are available in vertical, submersible, and dry well models.

Vertical models are available as cover mount style or Removal System 2613 style.

Submersible models are available as floor mount style or Removal System 2613 style.

Dry well models are available as horizontal or vertical mount styles.

Grinder Models – To 100 GPM. Solids are reduced to a 3/8-inch diameter by the grinder cutter and shredding ring components. The 3/8-inch solids are then pumped by the impeller into the discharge line. The impeller is sized to efficiently pump the slurry at flows and pressures determined by the system design.

The grinder portion consists of a hardened rotating cutter mounted on a stainless steel motor shaft. A stationary shredding ring is positioned in the pump inlet. On all models the cutter and shredding ring are made from 440C stainless steel hardened to Rockwell 58C. The semi-open impeller is cast iron. A bronze impeller is available as an option.

Slicer Models – To 650 GPM. Effectively slices and cuts sewage solids into pumpable pieces. The slicer will devour sanitary napkins, tampons, disposable diapers, paper towels, newspapers, shop towels, and cigars.

The two slicer blades are 440C stainless steel hardened to Rockwell 58C. One blade rotates with the iron impeller and the other blade is stationary.

The slicer model combines many of the characteristics of non-clog, cutter, and grinder pumps.

A slicer model will process more sewage gallons per minute than a grinder model.

Cover Mount Style = Pump floor plate rests on the wet well cover.

Floor Mount Style = Vertical discharge with tripod support legs. Connection is NPT.

Removal System 2613 - Pump can be removed from wet well without disconnecting the discharge piping. The 2613 components are not included with the pump.

Refer to **Accessory Index** page to view 2613 Removal System and 2616 Duplex Valve Assembly

Vertical Models - Grinder

Listed by Discharge Size then Mount Style

Model	Disch Size	Disch Type	Mount Style	Max "L"	Max HP	Max GPM	Model
2104	2	ANSI	2613	86	1 1/2	90	2104
2105	2	NPT	Cover	100	1 1/2	90	2105

L = Distance up from the bottom of the pump to the floor plate

Submersible Floor Mount Models - Grinder and Slicer

Listed by Discharge Size

Model	Disch Size	Model Type	Pump Seals	Max HP	Max GPM	Model
2439	1 1/4	Grinder	One	1 1/2	50	2439
2417	2	Grinder	One	5/8	65	2417
2437	2	Grinder	One	1 1/2	90	2437
2526	2	Grinder	Two	5	120	2526
2537	3	Slicer	Two	5	260	2537
2538	4	Slicer	Two	5	300	2538

Submersible Removal System Models - Grinder and Slicer

Listed by Discharge Size

Model	Disch Size	Model Type	Pump Seals	Max HP	Max GPM	Model
2436	2	Grinder	One	1 1/2	90	2436
2438	2	Grinder	One	2	50	2438
2516	2	Grinder	Two	5	120	2516
2533	3	Slicer	Two	5	300	2533
2534	4	Slicer	Two	5	300	2534
2536	4	Slicer	Two	15	650	2536

Dry Well Grinder and Slicer Models

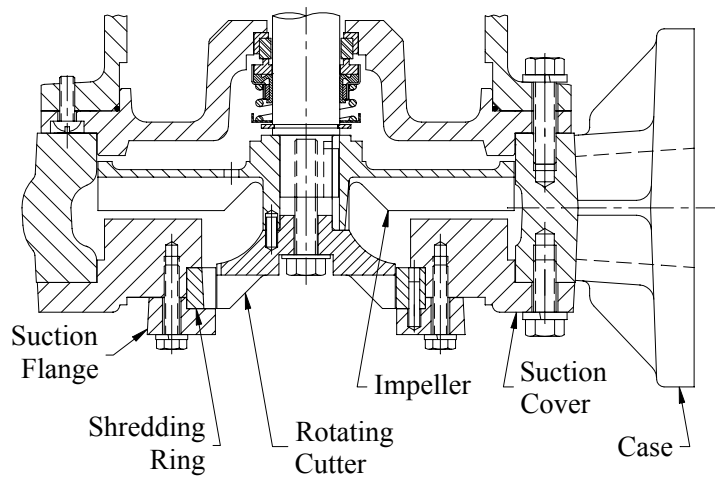
Listed by Discharge Size

Model	Disch Size	Disch Type	Model Type	Max HP	Max GPM	Model
2852	2	ANSI	Grinder	7 1/2	120	2852
2834	3	ANSI	Slicer	5	260	2834
2836	4	ANSI	Slicer	5	260	2836
2838	4	ANSI	Slicer	15	650	2838

ANSI = American National Standard Institute 125# flange connection. Provided with flange holes for bolt mounting.

NPT = National Pipe Taper. Discharge has a female threaded connection suitable for threaded pipe.

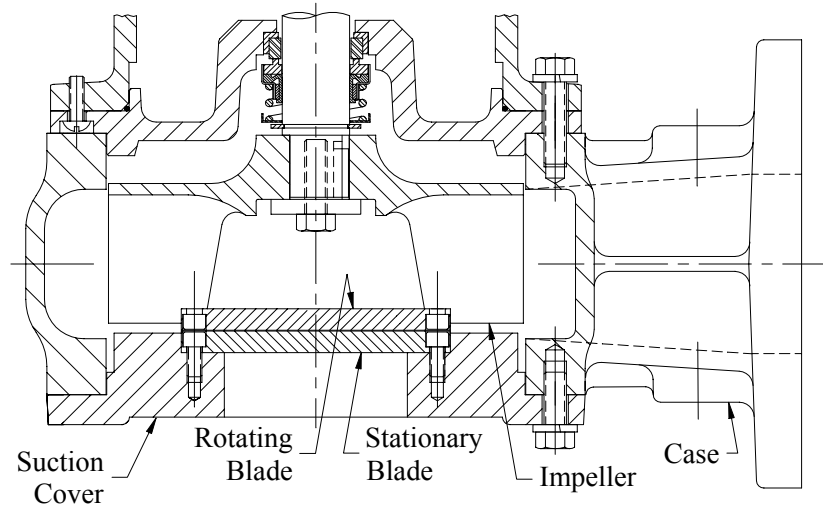
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