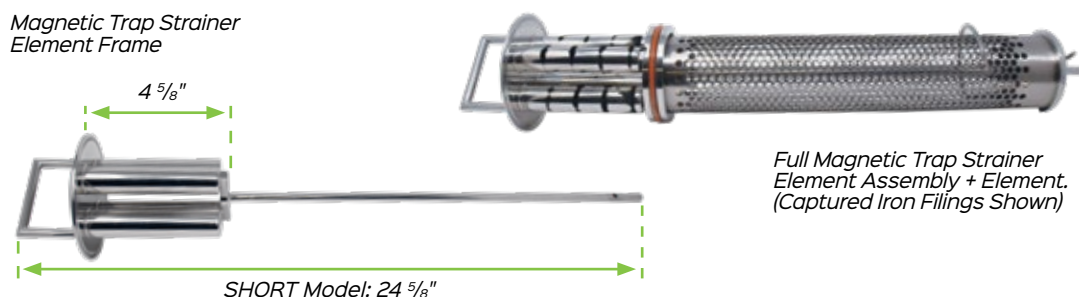


Magnetic Trap Strainers

The Sani-Matic Angle-Line Magnetic Trap Strainer doubles as a strainer and magnetic trap to ensure product integrity and equipment protection against metal particles, such as iron, 304 stainless steel, and shed metal-detectable gaskets, while also straining process particles such as seeds, pulp, and more. The magnetic trap's location within the strainer body eliminates the need for a second process line cut.

Current Standard Flow, Angle-Line Strainer bodies can easily become a Magnetic Trap Strainer by adding a Magnetic Trap Element Frame and the corresponding angle-line element retaining parts.



QUICK TIPS

Oh my Gauss! How strong is that magnet? Magnet flux density, or intensity, is measured in Gauss. It can be measured via Pull Tests and Gauss Meters. A pull test shows the pull force of a magnet by the amount of force required to break free of the magnet.

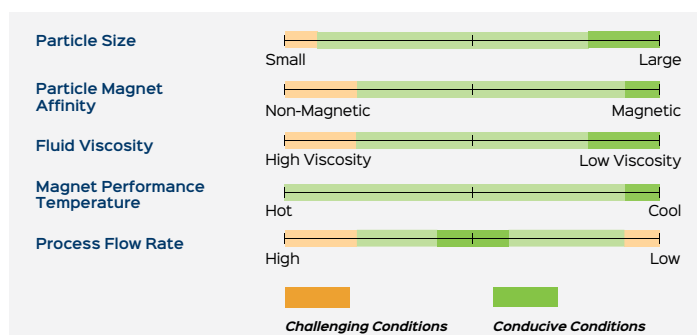
Strong but not unbreakable. While the magnets maintain a strong hold, they are not unbreakable. If not handled with care, the strainer element frame's magnets can shatter and lose efficacy.

Are there safety considerations? The magnets have a powerful pull. Working with metal tools next to the magnetic trap may pinch hands, and the magnets may be harmful to ID wearers and people with pacemakers.

GOOD TO KNOW

- **Magnetic Rating Range:** 9,500 - 11,500 Gauss
- **Maximum Temperature:** 220 °F (custom high temperature versions are available)
- **Finish:** 32 µin Ra
- **Magnet:** Neodymium rare-earth element
- Standard Flow Only
- Is not authorized to carry a 3-A symbol
- Gauss certificate is provided
- Magnetic Trap captures magnetic items; the Element captures the other product debris (pulp, seeds, etc.)
- Adding magnetic trap capabilities adds minimal pressure drop (approx. 5% increase)
- Sani-Matic provides a recertification service where old units can be sent in for testing to ensure magnetic strength is sufficient, or if replacement is needed

Metal Fines Capture Efficacy Conditions



See the Magnetic Strainer Capture 304ss Particles

DISTRIBUTED BY

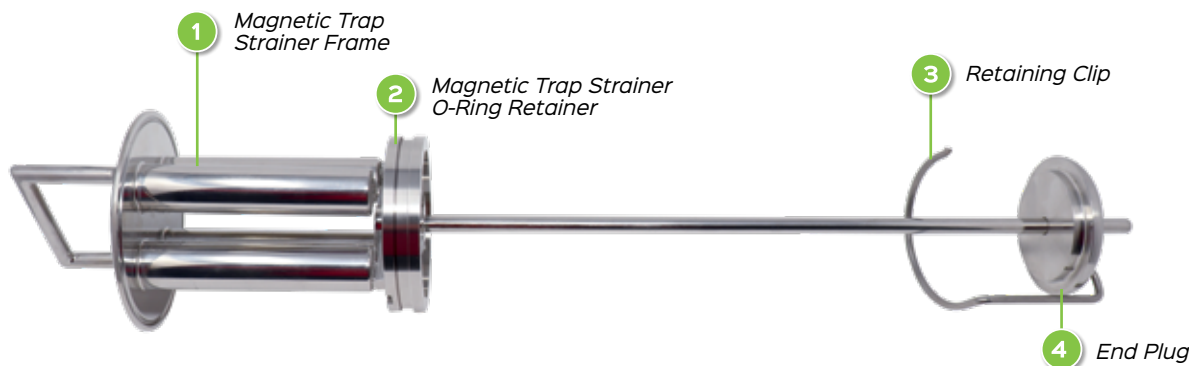
HARCO
ENTERPRISES LTD.

1-800-361-5361

Magnetic Trap Strainer Frame Assemblies

Includes Frame, O-Ring Retainer, End Plug, and Retaining Clip

Strainer Model	Flow Direction	Strainer Element Length	Strainer Body Length (Inlet-to-Outlet)	Body Size	Strainer Element Frame Length	Connection Size	Part #
Angle-Line w/ Magnetic Trap	End-Inlet (Standard Flow)	SHORT (15")	SHORT (20 3/4")	4"	24 5/8"	1.5" - 3.0"	334219
Angle-Line w/ Magnetic Trap	End-Inlet (Standard Flow)	LONG (30")	LONG (36")	4"	40"	1.5" - 3.0"	334220



Watch how to easily retrofit the Magnetic Trap Strainer!

Replacement Parts

1 Magnetic Trap Strainer Frames

Strainer Model	Flow Direction	Strainer Element Length	Strainer Body Length (Inlet-to-Outlet)	Body Size	Strainer Element Frame Length**	Connection Size	Part #
Angle-Line w/ Magnetic Trap	End-Inlet (Standard Flow)	SHORT (15")	SHORT (20 3/4")	4.0"	24 5/8"	1.5" - 3.0"	288850
Angle-Line w/ Magnetic Trap	End-Inlet (Standard Flow)	LONG (30")	LONG (36")	4.0"	40"	1.5" - 3.0"	288856
High-Capacity Angle-Line w/ Magnetic Trap	End-Inlet (Standard Flow)	LONG (30")	LONG (40")	6.0"	43 3/16"	3.0" - 6.0"	334222*

*Non-stock product option. Longer lead times apply. Non-returnable.

**Overall allowable length for removal clearance.

2 Magnetic Trap Strainer O-Ring Retainer

Body Size	Flow Direction	Part #
4"	End-Inlet (Standard Flow)	721488
6"	End-Inlet (Standard Flow) (New Design)	325471

3 Retaining Clips

Body Size	Flow Direction	Part #
4"	End-Inlet (Standard Flow)	740295
6"	End-Inlet (Standard Flow)	740623

4 End Plug

Body Size	Material	Part #
4"	316Lss	118582
6"	316Lss	118583

Services (Magnetic Trap)

Magnetic traps can be sent into Sani-Matic for re-verification of pull strength & Gauss measurements.

Description	Part #
Magnetic Trap Recertification	MAGNETIC TRAP RECERTIFICATION