



**Fast
Grease
& Septage
Screening**

Heavy Object Trap

Description

Turning used restaurant grease into a useful resource is becoming popular at wastewater treatment plants. Grease and other high-strength organics are pumped into sludge digesters to boost biogas production and increase the production of renewable energy. However, it's difficult dealing with the rocks, rags, silverware and plastics in the grease.

The new JWCE Heavy Object Trap (model GRS) makes it quick and easy to screen out trash and debris that causes damage to downstream pumps and systems.

The HOT is available in six sizes and features an adjustable bar screen with 1/2" or 1" (12 or 25mm) spacings. As grease trucks unload, rocks, rags, knives, plastics and other debris are captured. The Muffin Monster® grinder then homogenizes the liquid grease – breaking clumps into an easy to pump slurry.

Once unloading is complete a hot water washdown* flushes debris off the bars and into the perforated capture basket below. The truck driver or plant operator then opens the lid, removes the perforated basket and empties it into a trash bin.

Available flow rates:

- 4" pipe (100mm) - 400 GPM (25 l/s)
- 6" pipe (150mm) - 600 GPM (38 l/s)
- Flow Rate - max. 15 psi (1 bar)

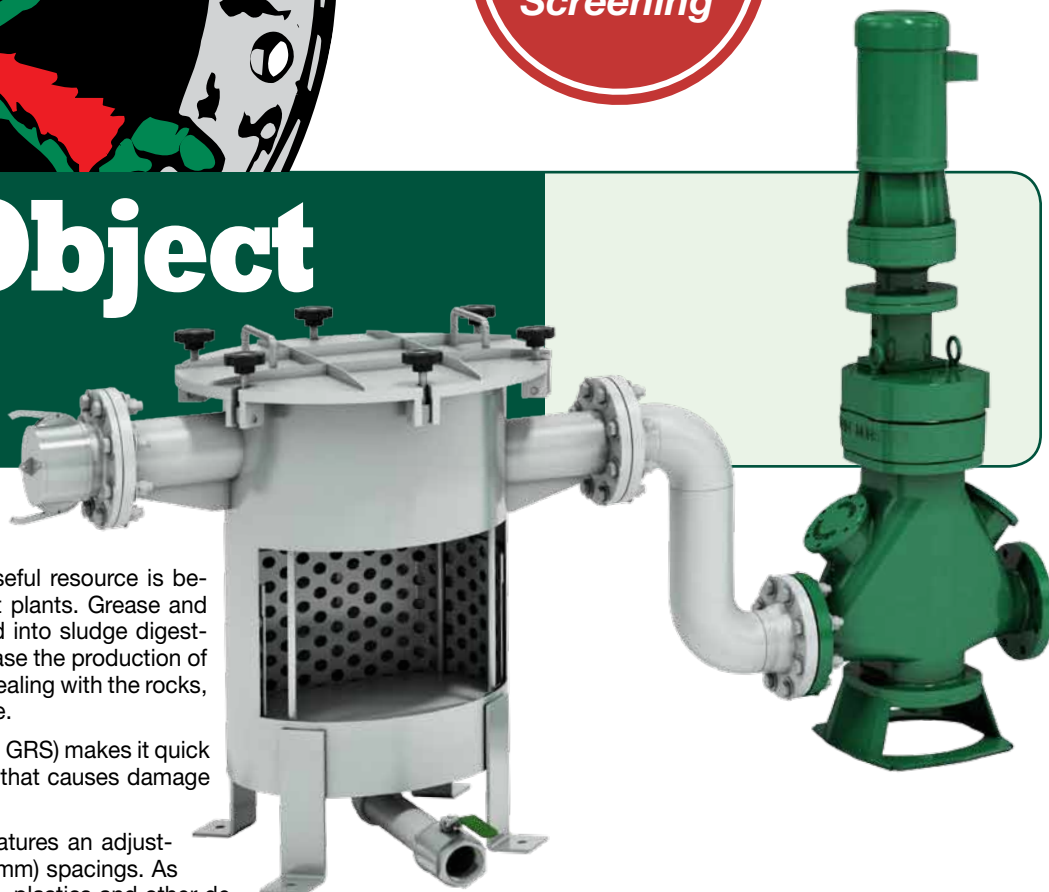
Applications

- Grease receiving/screening
- Septage receiving/screening
- Sludge receiving/screening
- Wastewater treatment plants
- Private septage haulers

Options

- MonsterTrack™ billing controller
- Receipt printer
- Card lock
- Flow meter
- Plug valve

* Supplied by others.



Models

MODEL	Pipe Size - in.(mm)	Basket Capacity
GRS0103-1804	4 (100mm)	1.1 ft ³ (0.03 m ³)
GRS0103-2004	4 (100mm)	1.5 ft ³ (0.04 m ³)
GRS0103-2404	4 (100mm)	*2.2 ft ³ (0.06 m ³)
GRS0103-1806	6 (150mm)	1.1 ft ³ (0.03 m ³)
GRS0103-2006	6 (150mm)	1.5 ft ³ (0.04 m ³)
GRS0103-2406	6 (150mm)	*2.2 ft ³ (0.06 m ³)

*Lifting station recommended to empty basket



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A grease truck unloads through the JWCE Heavy Object Trap and into a wastewater treatment plant's holding tank.



The screening bars use a unique design for max flow while capturing silverware, rags and plastics. A hot water washdown cleans the bars.



Heavy objects, rocks, silverware, rags and other debris drop or are washed into the perforated capture basket.



A Muffin Monster grinder in a grease receiving line.



Macerators work poorly in grease/waste receiving applications.



MonsterTrack billing controller features a card lock & receipt printer.



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