

Vertical Auger Monster®

Model AGV - Vertical Screening System

Overview

The Auger Monster is a robust and affordable wastewater screen which combines three of JWCE's finest technologies – a grinder, a fine screen and a compactor. It removes trash and unwanted solids, so the pump station or treatment plant runs more efficiently and life is easier for operators and managers.

First, a powerful Muffin Monster® grinder shreds clumps of rags, clothing and debris. Next, solids are captured by a perforated screening trough and removed by a rotating auger. As solids are removed, dual wash water zones clean off fecal material. The auger then conveys solids vertically to the discharge point where the integrated compactor (optional) dewateres screenings before depositing the cleaned and dried material into a dumpster.

The cleaner, more compact discharge keeps odors to a minimum and lowers disposal costs, as less water and fecal material are sent to the landfill.



Model AGV

With the Vertical Auger Monster, wastewater screening couldn't get any easier—it's the only one that's all-in-one!

Features & Benefits

Dual-Shafted Grinder

- Proven Muffin Monster grinding technology
- Shreds long, stringy material to prevent wrapping
- Breaks-up clumps for more efficient washing

Spiral Lifting Screw

- Solids are removed while soft organics are washed back into the channel through a perforated screen
- Various perf sizes: 5/64", 1/8" or 1/4" (2, 3 or 6mm)

Cleaner Screenings Discharge

- Integrated spray wash launders screenings and removes fecal material for cleaner discharge and reduced odors

Modular Screening System

- Integrates high-flow grinding, screening, washing and dewatering technology
- Placement in existing pump station with little or no civil work
- Easy installation in outdoor locations

Automated PLC Monitoring and Controls

- Auto load sensing and reversing protects the system
- Adjustable, differential run times for optimal solids removal and operating life
- Auger "fail-safe" mode ensures system continues running even if electronics are disabled



JWC
Environmental®

Trust Monster Quality™

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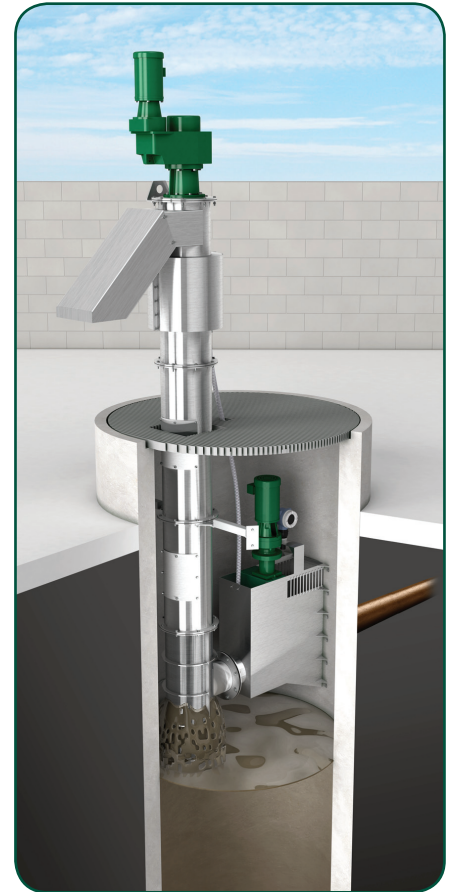
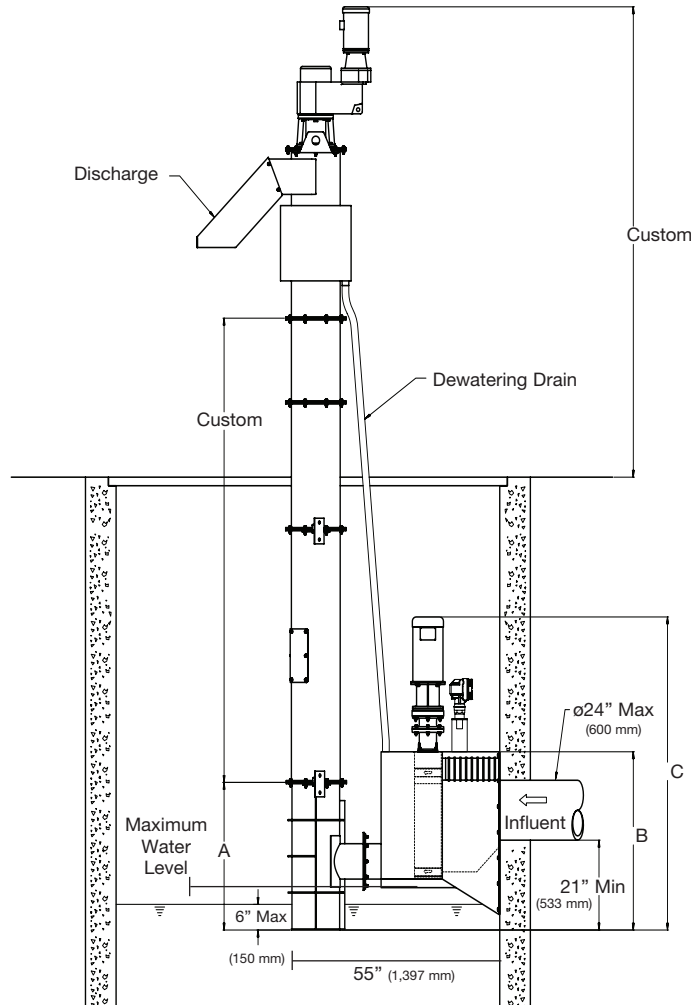




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5 HP (3.7 kW) grinder motor. Immersible and other electric type motors are optional. 2 HP (1.5 kW) TEFC auger motor.



Wall mounted screening basket with spiral lifting screw and a patented compaction zone



High Flow Screening

Model	A inches (mm)	B inches (mm)	C inches (mm)	Max Flow MGD (m ³ /h)
AGV1800-285	34-1/2 (876)	41-11/16 (1,058)	71-3/4 (1,822)	.66 (95)
AGV2400-285	40-1/4 (1,022)	47-7/16 (1,204)	77-1/2 (1,968)	.77 (110)
AGV3200-285	48 (1,219)	55-3/16 (1,401)	85-1/4 (2,165)	.91 (142)
AGV4000-285	56 (1,422)	63-3/16 (1,604)	93-1/4 (2,368)	1 (158)

**Please consult factory for final applications assistance.*

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