

# Monster Industrial<sup>®</sup> Manhole



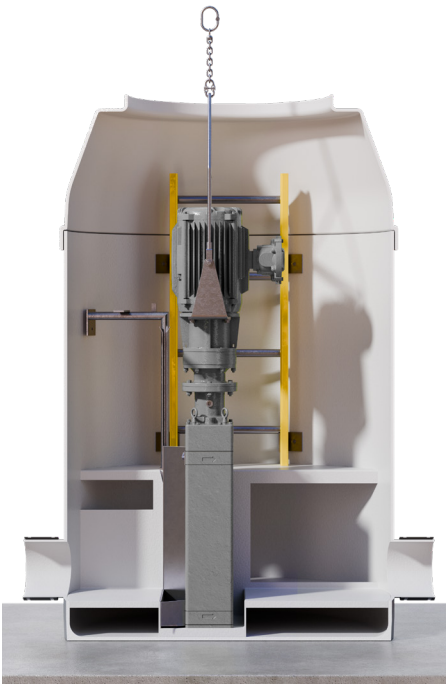
## Drop-in ready manhole with integrated grinder for pump protection anywhere

The Monster Industrial Manhole makes it easier to install a grinder into a sewage system. The fiberglass reinforced plastic (FRP) manhole can accommodate the channel mounted 1, 3 and 4-HYDRO-C grinders. Users can also select a Channel Monster<sup>®</sup> CMD single drum grinder for dealing with higher flow levels. With this flexibility, the Monster Industrial Manhole can now treat difficult solids and eliminate costly pump breakdowns for flows up to 2,060 GPM. Designed and built off site, the Monster Industrial Manhole makes for a quick, clean installation. On site, a hole and a concrete slab to mount the FRP manhole are all that is required before you are ready to install the chamber, connect the power and the sewage line, and begin operation.

Using a 48" diameter standard barrel and prefabricated channel design to suit the relevant grinder model, the height, pipe size and choice of traffic or hatch top cover makes the Monster Industrial Manhole a cost-effective and customizable solution for ease of installation in gravity sewage systems.



Monster Industrial Manhole with  
3-HYDRO-C Monster grinder



Traffic grade opening with 3-HYDRO-C grinder and integral bypass weir (optional)



3-HYDRO-C grinder with single lifting point and OSHA compliant ladder



Hatch access for above ground installation

## FEATURES & BENEFITS

### Dual-shafted Muffin Monster® Grinder

- Low-speed, high-torque grinder handles rags, rocks, wood, clothing, plastics and other debris that cause problems in wastewater systems
- Adding the Channel Monster CMD to the Monster Industrial Manhole processes higher flows while minimizing upstream level increases for shallow networks, or when upstream levels are critical
- JWC-exclusive immersible motor ensures continuous operation even in flood conditions

### Manhole

- Fiberglass reinforced plastic: high strength, watertight
- Manhole barrel diameter: 48" standard
- Inlet / outlet pipes with flexible coupling. Available pipe diameter varies with grinder model.
- Hatch choice: Lid style for above ground installation and H-20 rated traffic style for below grade installation
- Two standard channel trough configurations to suit either 1 or 3-HYDRO-C or 4-HYDRO-C / CMD grinders
- Integral guide slots eliminate the cost of an additional grinder frame

- Floor recess for grinder maximizes flow capacity, minimizes upstream head and seats grinder correctly
- OSHA compliant access ladder
- Fabricated channel design provides standing area for maintenance access

### Installation and Maintenance

- Less than 8' deep, guiderails are optional. At greater than 8' deep, guiderails are mandatory.
- Minimal maintenance with semi-annual inspection

### Optional

- 60" and 72" manhole barrel diameters available as special orders to meet specification
- Single point lifting frame and haul chain available for all models
- Integral bypass weir to prevent upstream surcharging during high flow periods
- Maintenance screen or trash basket to assist during maintenance periods



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