

Mud Tower

A Unique Gravity Separator for Efficient Solid Extraction - Suitable for second stage water treatment after filtration.

Slurries found in site pits and sumps, or from waste water from washing systems



Patent Pending



General information

The Wyma Mud Tower is a specially designed gravity separator, that removes settleable solids from vegetable wash-water (or other soil laden water bodies) and discharges them in a semi-solid form able to be conveyed or transported easily.

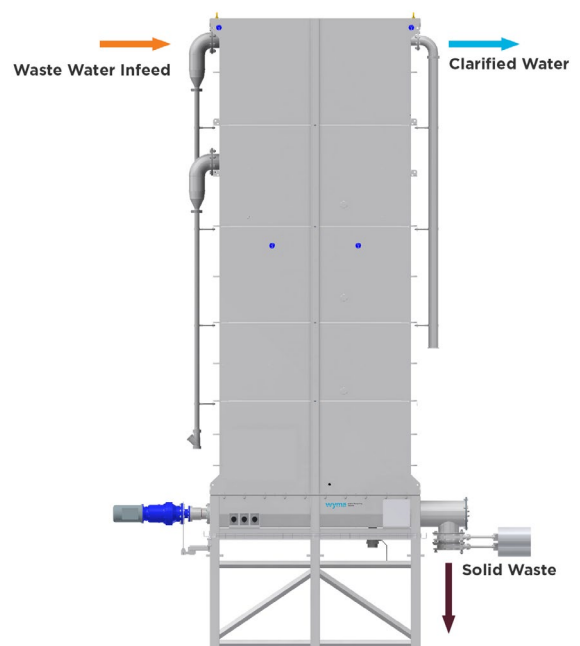
This unique separation system, currently in patent assessment phase, was invented and is exclusive to Wyma.

Often working in tandem with the [Micron Filter](#), settleable solids are removed from dirty water or slurries found in site pits and sumps or from water that discharges directly from the base of washing systems such as a [Wet Hopper](#), [Barrel Washer](#), [Destoner](#), [Vege-Polisher™](#).

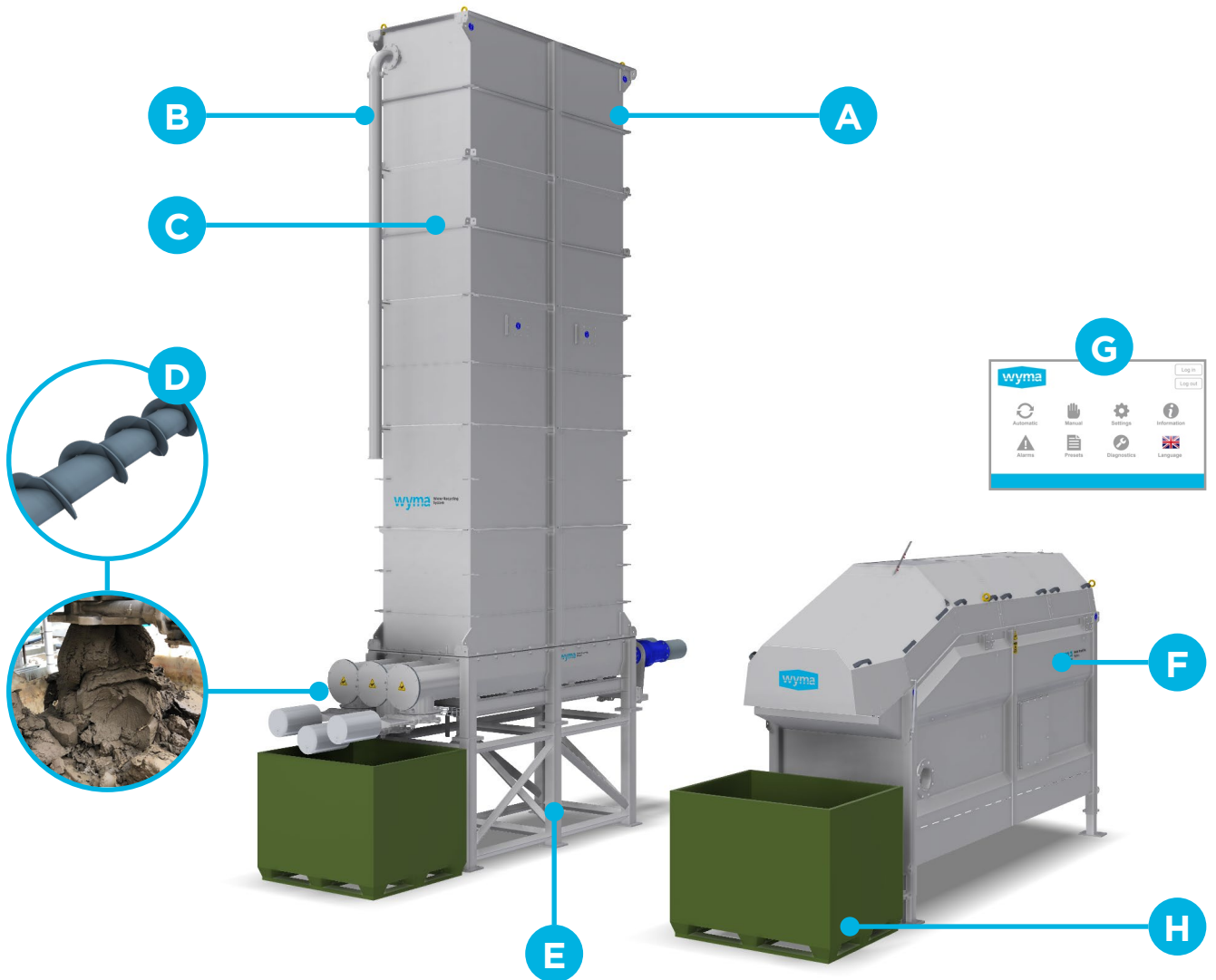
Dirty water is pumped to the Mud Tower, where the settleable solids are automatically extracted from the water as a solid. Clarified water is suitable for reuse in early washing stages, or to go for further water treatment processing.

Combined with the [Micron filter](#), total suspended solids (TSS) extraction efficiency is typically between 70-85% *depending on input conditions.

The unique design provides for efficient, consistent and automated extraction of soils in a solid form for easy handling and disposal. The system is fully automated, chemical-free and low maintenance.



Features & benefits



- A** Inlet
Dirty water inlet location.
 - B** Outlet
Clarified water outlet location.
 - C** Tower
Self-standing extraction and settling tower.
 - D** Built-in mud extraction augers
Integrated smart sensing is used to determine when the mud is sufficiently dry to be conveyable. This setting can be adjusted based on customer preference.
 - E** Frame
Frame and legs custom-made to suit site and conditions.
 - F** Micron Filter (optional)
The Micron Filter is recommended pre-Mud Tower for removing organics or larger solids.
 - G** Control
Easy to operate via supplied control system. Fully automated operation with pneumatic valves and smart soil extraction. Fully integrated with Micron Filter option.
 - H** Waste Removal Options
Bins (pictured), boxes, trailers , or conveyors can be used to capture extracted soil.
- Automated extraction
 - Compact Strong Construction
 - Safety