

Vertical Gravity Separator Systems

Domino VGS-M Range



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JUNE 2018



Domino VGS-M Range

Vertical Gravity Separator - Mycelx Filtration

Product Details

Introduction

The Domino **VGS-M** was designed to remove hydrocarbons from wash water when discharge parameters are under 30 ppm or is to the environment.

The Domino **VGS-M** uses both Vertical Gravity Separator (VGS) and MYCELX Filtration technology to remove hydrocarbons and oils within the water.

+ The Domino VGS operates by ingenious control of both fluid velocity and pressure. These forces gently coax non-emulsified impurities from water by allowing high density contaminants to fall into a sludge retaining area at the bottom of the vessel, and oil droplets and low density suspended solids to rise to the top of the vessel. The oil and suspended solids then drain of into a waste tank.

+ The Mycelx filter designed for further removing the full range of persistent remaining organic hydrocarbon compounds refined from crude oil including highly toxic BTEX chemicals as well as the suspected carcinogens PCBs, chlorinated solvents, and organically bound metals etc. To get rid of those “stubborn contaminants”, the treated water disposed to the sewer absolutely meets all the standard requirements from governmental authorities.

As its ingenious performance, **Domino VGS-M** is presently used in many industrial water treatment processes. The technology is also used throughout the world in the marine, industrial, & environmental industries and in stormwater runoff systems to prevent damaging pollutants from entering waterways.



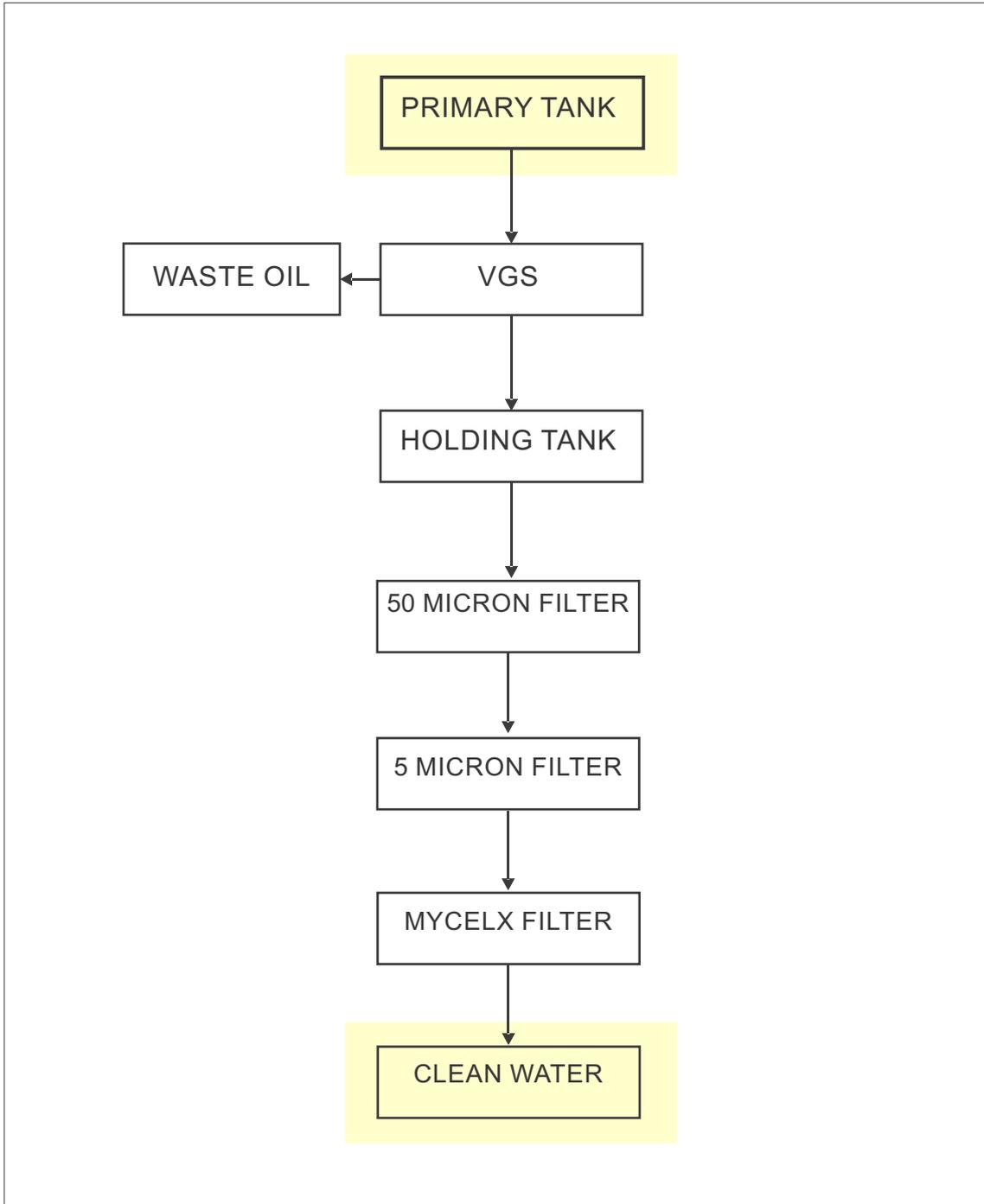
Domino VGS-M removes

- + Petroleum Hydrocarbons (BTEX* To Crude Oil)
- + Organically Bound Metals
- + Chlorinated Solvents and other Organic compounds (PCB, POPS, PAH)*
- + Persistent Organic Pollutants, Biphenyl, Polychlorinated, Polyaromatic



Domino VGS-M Range

Domino VGS-M Concept Process Diagram



HIGHLIGHTED COMPONENTS NOT SUPPLIED BY EWA



Domino VGS-M Range

Typical Domino VGS-M Installation

Key Components

- Domino VGS 304 SS
- Mycelx Filter 304 SS
- Micron Filters (5 & 50)
- Bag filters 304 SS (5+1)
- Suction Pump
- Pump Control Panel
- Float Switches
- Floating Skimmer
- Holding Tank

