

Micro-Filters

To Enhance Separated Liquid

SEPCON MFT Micro-Filter

The SEPCON MFT Micro-Filter is used to fine screen the liquid phase of a previous liquid-solid separation process. The microfiltered digestate liquid can be used for fertigation or in systems that reuse the liquid to dilute the dry matter fed into the aerobic digesters in biogas plants.

A two-phase dewatering/separation process that employs a Micro-Filter as the final phase polishing filter, can prepare cow and hog manure for injection into sub-surface drip irrigation systems. This is mechanical separation with no binders or polymers required.

Model SEPCON MFT500

Diameter	A	B	C	Power	Weight	Max Throughput
19.7" (500mm)	39.2" (997mm)	43.8" (1113mm)	69.7" (1745mm)	15 HP	1067 lbs. (484 Kg)	90 GPM*

Max. throughput represents a clean water flow rate. Actual flow rate is dependent upon the type of material being treated, the configuration of the equipment, as well as the operating and maintenance conditions.

Up to 90 GPM throughput.

Filtration to 25 microns.

Concentrates nutrients in the liquid phase.

Low operating costs.

Small footprint.

Tested and proven technology.

Compact Micro-Filtration Systems

The MFT Micro-Filter can be integrated into a self-contained separation plant. This compact plant includes a storage tank, feed pump, mixer, level sensors and simple controls.

