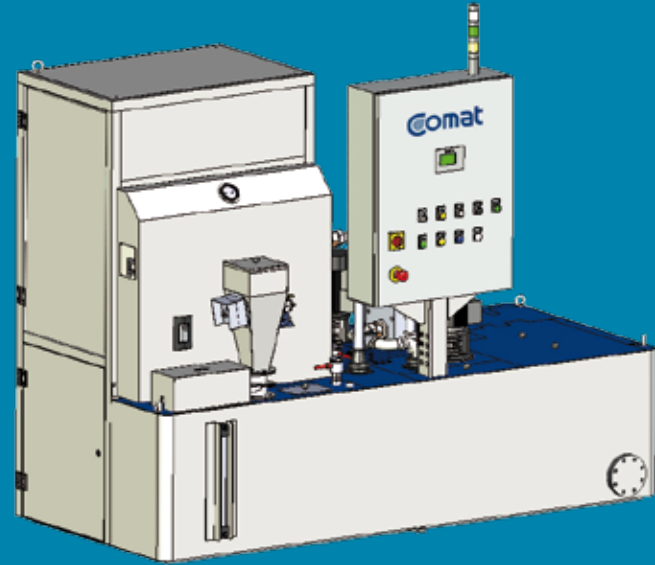


# SPECIFICATION DATASHEET

Filtration Capacity	60 l./min. nominal
Fluid Compatibility	All straight cutting oils (no emulsions)*
Contaminants	Carbide, Cermet, PCD, High Speed Steel, Precious metals, Cast iron, Iron alloys, Copper alloys, Aluminum, Ceramic, Plastics
Filtration Rating	≤ 3 µm nominal
Dimensions	2.2 x 1.0 x 1.7 m
Fluid Volume	600 - 800 l.
Filter Media	Cellulose Powder, Mineral Powder
Filtering Area	1.9 m <sup>2</sup>
Filter Media Consumption	1.25 kg per Work-Cycle

## Mod. 1F06EU-16



## MANAGEMENT SYSTEMS

Workcycle management	Basic, Smart
Sludge removal	Manual
Filter media loading	Manual
Temperature control	To be determined by project

## REQUIRED UTILITIES

Voltage	400 Volt 3Ph+N+PE 50 Hz (To be specified by customer)
Installed power	2.5 kW (core unit only)
Compressed air	6 Bar (dry air)

## DEFAULT INTERFACE

Dirty Fluid Inlets	1-1/2" G female connector (pressurized) / 4" G female connector (gravity)
Clean Fluid Outlets	1-1/4" G female connector
Signals	16-pin Harting Plug
Internet	RJ-45 Ethernet Plug (Internet service to be provided by customer)
Compressed air	1/4" G female connector

## COOLANT MANAGEMENT

Fluid collection from machines	Optional collection units available
Fluid distribution to machines	To be determined by project

## CERTIFICATIONS

CE certification	Yes
UL certification	Available as optional

Filtration performance may vary depending upon operating conditions.

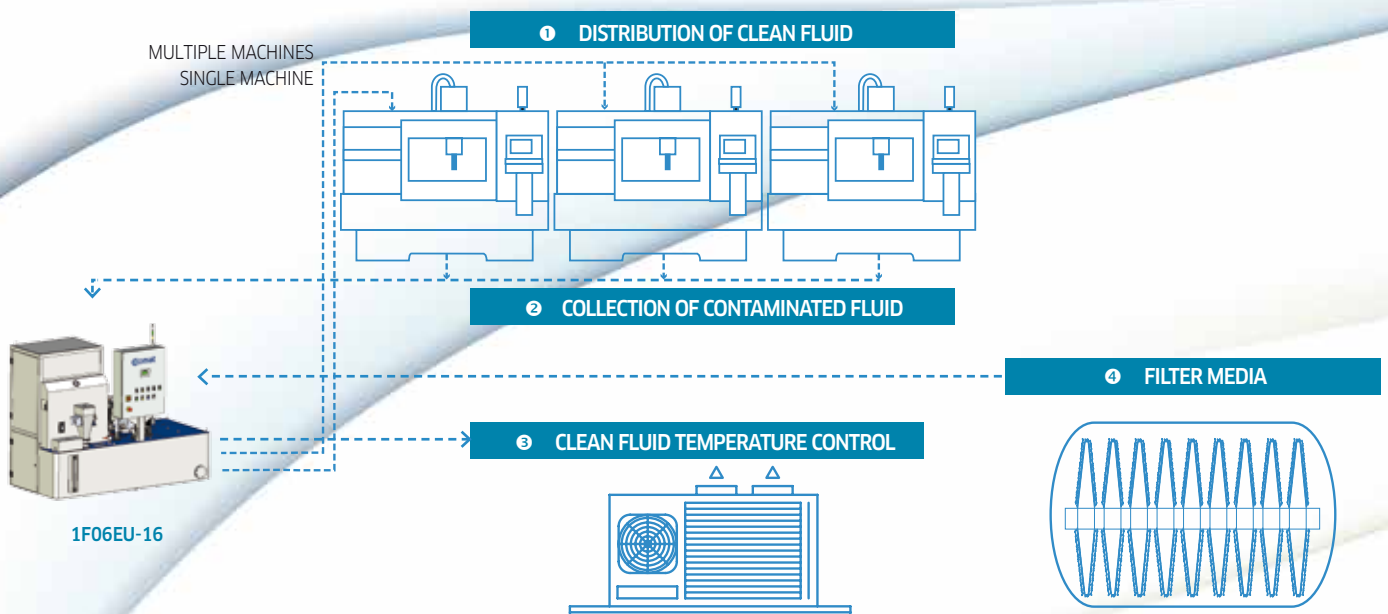
Standard operating conditions include: fluid at ambient temperature 20-25°C, kinematic viscosity of 10 cSt at 40°C, max materials contamination of 30 mg/l. Fluid free of other contaminants such as polymers, paraffins, water. Fluid with limited aging degradation (Total Acid Number < 1 mg KOH/g).

Fluid Compatibility: the liquid must be in Group 2 and have a vapour pressure at the maximum allowable temperature of not more than 0.5 bar, according to Directive 2014/68/EU.

Max working temperature: 60°C.

## CORE UNITS

CORE UNITS	BASIC	SMART
Semi-Automatic work-cycle	✓	✓
Eco-Mode	optional	✓
Email notifications		✓
Power interruptions management		✓
Automatic Electronic Flow Regulation		✓
Software and remote monitoring setup		optional
Remote monitoring optimisation and control		optional



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