

REV
1.0

ROTOFILTER

SALES SHEET



FILTRATION UNIT

DESCRIPTION

The **ROTOFILTER** control unit is designed and built for the filtration treatment of contaminated oils and lubricating-coolants, resulting from chip removal machine tools processing.

The filtration process takes place through a self-cleaning drum filter built with FAMA technology with interchangeable baffles.

The contaminated coolant present in the machine tool is sent to the filter group through a centrifugal pump. The outflow of the filtered coolant is continuous. The **ROTOFILTER** control unit therefore guarantees a constant flow rate to the machine tool, preserving the longevity of: mechanical parts, cutting tools and. high and low pressure pumps.

Filter cleaning is automatic. The sludge is evacuated through a dredging system.

SUPPLY

HOLDING TANK

ROTOFILTER CLEANING PUMP

FILTERED LIQUID BOOSTER PUMP

ELECTRICAL PNEEL



OPTIONAL

MAGNETIC PURIFIER

COOLING SYSTEM



FILTERING ELEMENT

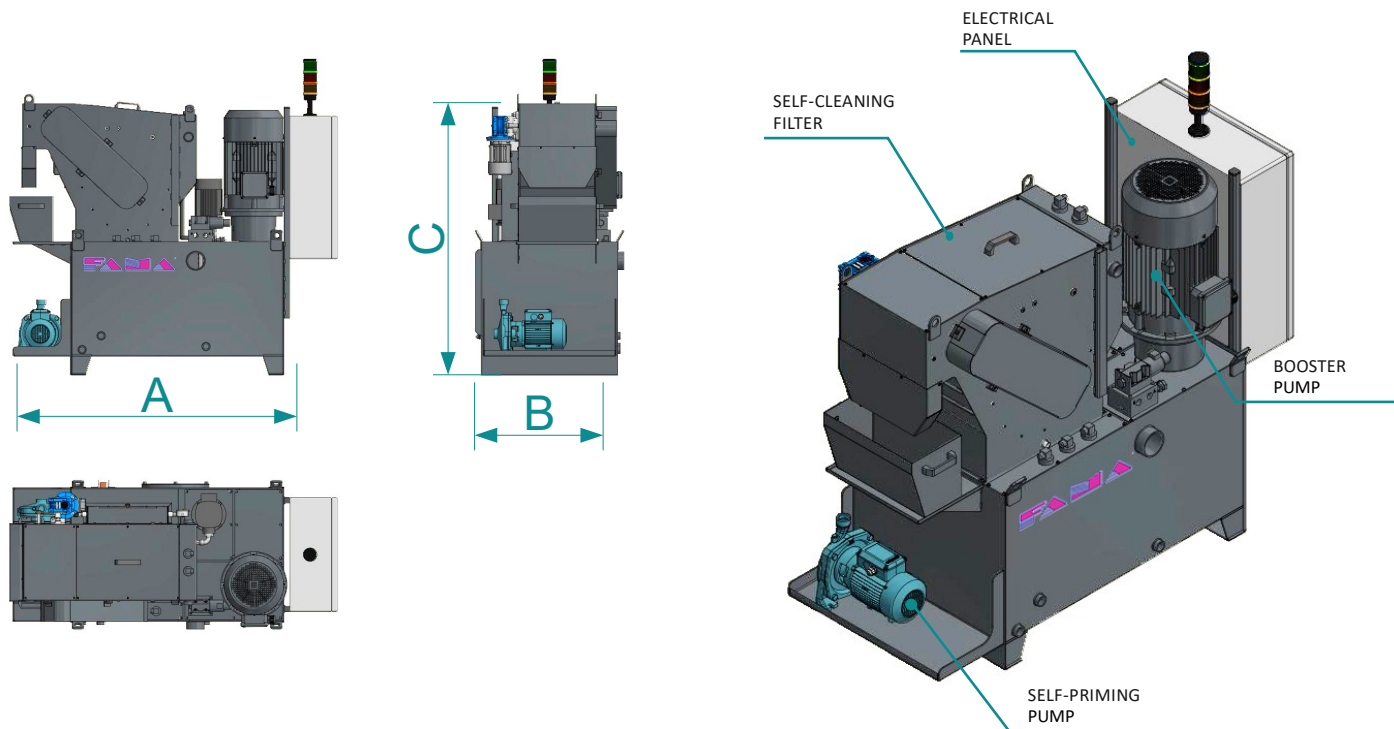
TESTS CARRIED OUT WITH 22 Cst OIL, 4% EMULSION

MODEL	FF200	FF400	FF600
FILTRATION RATE [μm]	40 \div 10*	40 \div 10*	40 \div 10*
OIL FLOW 22Cst [l/min]	70**	140**	250**
EMULSION FLOW 4% [l/min]	100**	200**	500**
STORAGE CAPACITY [l]	800	1500	2000

* THE DEGREE OF FILTRATION DEPENDS ON THE FILTER ELEMENT USED

** THE FLOW OBTAINED IS INDICATIVE AND IN ANY CASE DEPENDS ON THE VISCOSITY OF THE FLUID AND THE ENVIRONMENTAL CONDITIONS OF APPLICATION (EXTERNAL TEMPERATURE, OIL TEMPERATURE). FURTHERMORE, THE FLOW RATE VALUES ARE AFFECTED BY THE DEGREE OF FILTRATION REQUIRED AND BY THE PARTICULATE PRESENT (EX. CAST IRON, STEEL, BRASS)

IT IS POSSIBLE TO PERFORM TESTS AT THE FAMA SRL HEADQUARTERS ON YOUR SPECIFIC SAMPLE



OVERALL DIMENSIONS	FF200	FF400	FF600
A LENGHT [mm]	1700	1500	1500
B WIDHT [mm]	700	1200	1000
C HEIGHT [mm]	1400	1400	2100
- APPROX. WEIGHT (Kg)	410	520	810

TECHNICAL DATA

TOTAL POWER [kW]	3 \div 11
ELECTRICAL SUPPLY [V]	400
FLOW [l/min]	70 \div 250
FILTRATION RATE [μm]	40 \div 10