



# UOW040

## OFF-LINE FILTERS

### DESCRIPTION

Portable filling and filtration unit with ecofriendly element  
Inlet: flexible hose Steelfelx DN25, 3 m long with rigid end DE25 0,7 m long  
Outlet: flexible hose Steelfelx DN25, 2,5 m long with rigid end DE20 0,7 m long "Y" type filter for pump protection  
Gear pump 40 l/min, 1450 rpm - IP54, with inbuilt 0,5 MPa (5 bar) relief valve  
Electric motor three phase 230V IE3 - 0,75 kW – 4 poles - B3/B5  
Double handle for easy and safe transportation  
Total weight 50 kg

### PRESSURE

Max working pressure: 0,5 MPa (5 bar)

### FLOW RATE

Qmax 40 l/min

### HOW IT WORKS

The mobile filtration unit is used for cleaning the fluid off line, for the transfer, filling and topping up of the oil tank and for any roll-off operation. The UOW mobile off-line filtration unit filters hydraulic fluid at low-pressure with the aid of a self-contained pump, motor and filter. The construction design is compact and user-friendly, and guarantees high filtration performances and long life filter element. The oil returning to the tank-reservoir from the return line is filtered by the UOW unit, reducing drastically the "clean-up time."

The filter can be fitted with a visual or electrical clogging indicator, also of differential type.

The filter element is designed to meet the most demanding requirements of respect for the environment and reduction of polluting components of the hydraulic system.

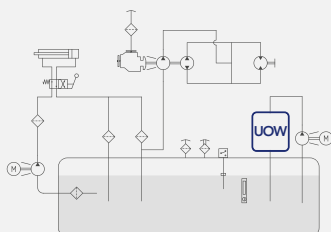
The filter element, having a wide filtration area and excellent efficiency features, is normally available with FormulaUFI.MICRON, from 5 to 21  $\mu\text{m(c)}$  ( $\beta_x > 1.000$ ) and FormulaUFI.H2O.

The mobile filtration unit includes a detailed use and maintenance instruction manual, that is available on our website in the Download section.

**ECOFRIENDLY  
VERSION**



### HYDRAULIC DIAGRAM



Is this datasheet the latest release? Please check on our website

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### ORDERING AND OPTION CHART

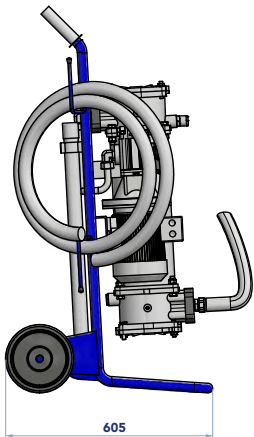
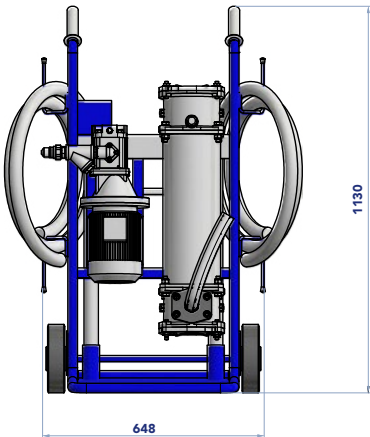
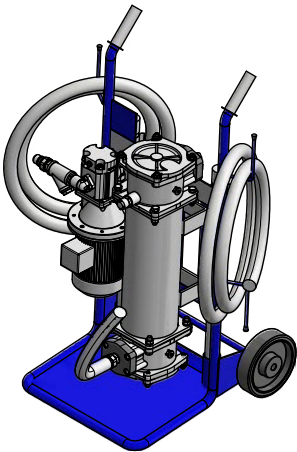
<b>U</b>	<b>O</b>	<b>W</b>	<b>WHEELED OIL FILTRATION UNIT</b>
<b>0</b>	<b>4</b>	<b>0</b>	<b>NOMINAL FLOW RATE</b>
			040 = 40 l/min
	<b>T</b>		<b>ELECTRICAL MOTOR TYPE</b>
			T = three phases (standard)
<b>0</b>	<b>0</b>	<b>7 5</b>	<b>NOMINAL POWER</b>
			0075 = 0,75 kW
	<b>5</b>	<b>B</b>	<b>CLOGGING INDICATOR</b>
			5B = visual differential 130 kPa (1,3 bar)
			<b>ACCESSORIES</b>
			W = without accessories
			M = with magnetic core
	<b>G</b>		<b>VERSION</b>
			G =green version with coreless element

<b>I</b>	<b>R</b>	<b>F</b>	<b>CORELESS FILTER ELEMENT</b>
<b>3</b>	<b>4</b>		<b>SIZE &amp; LENGTH</b>
	<b>N</b>		<b>SEALS</b>
			N = NBR Nitrile
			<b>FormulaUFI MEDIA</b>
			FA = FormulaUFI.MICRON 5 $\mu\text{m}_{(c)}$ $\beta > 1.000$
			FB = FormulaUFI.MICRON 7 $\mu\text{m}_{(c)}$ $\beta > 1.000$
			FC = FormulaUFI.MICRON 12 $\mu\text{m}_{(c)}$ $\beta > 1.000$
			FD = FormulaUFI.MICRON 21 $\mu\text{m}_{(c)}$ $\beta > 1.000$
			WR = FormulaUFI.H2O

\* Water removal media, see "Hydro dry" chapter.

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### FILTER ELEMENT

	AREA (cm <sup>2</sup> )					
	A	B	C	Kg	Media F+	Media WR
IRF34	90	120,8	480	0,75	10.810	7.567

