



# UOW022

## OFF-LINE FILTERS

### DESCRIPTION

Portable filling and filtration unit  
Inlet: flexible hose Steelflex 16HNA, 2,5 m long with rigid end DE16 0,4 m long  
Outlet: flexible hose Steelflex 13HNA, 2,5 m long with rigid end DE12 0,4 m long  
“Y” type filter for pump protection  
Gear pump 22 l/min, 2800 rpm with inbuilt relief valve  
Electric motor single phase 230V - 0,25 kW – 2 poles - B3/B5  
Robust handle for easy and safe transportation  
Total weight 16,5 kg

### PRESSURE

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

### FLOW RATE

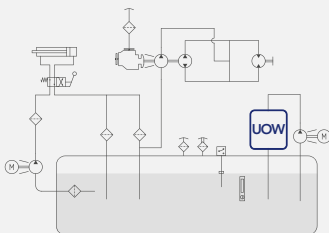
Qmax 22 l/min

### 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 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.



### 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>2</b>	<b>2</b>	<b>NOMINAL FLOW RATE</b>	
			022 = 22 l/min	
			<b>ELECTRICAL MOTOR TYPE</b>	
			M = single phases	
<b>0</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>NOMINAL POWER</b>
				0025 = 0,25 kW
		<b>5</b>	<b>D</b>	<b>CLOGGING INDICATOR</b>
				5D = visual differential 250 kPa (2,5 bar)
		<b>X</b>	<b>X</b>	<b>ACCESSORIES</b>
				XX = without accessories

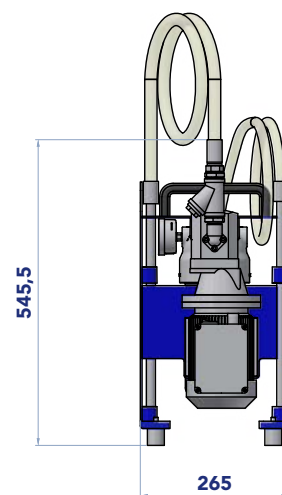
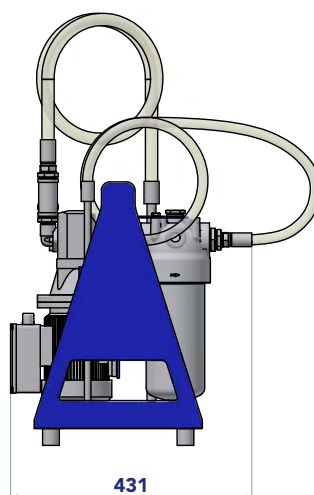
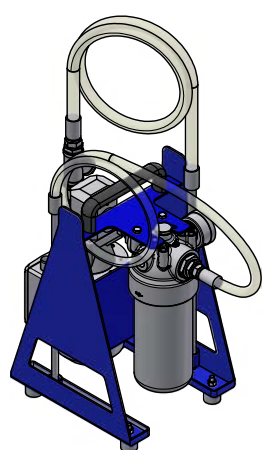
Filter element to be ordered apart.

Please refer to the following ordering and option charts

<b>E</b>	<b>P</b>	<b>G</b>	<b>FILTER ELEMENT</b>
<b>3</b>	<b>1</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

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### FILTER ELEMENT

	A	B	C	Kg	AREA (cm <sup>2</sup> )	
					Media F+	Media WR
EPG31	92	40	220	0,45	4.700	3.176

