

<b>Product series:</b> <b>WK3-160-9-50</b>	<b>Medium:</b> Water <b>Maximum medium temperature:</b> 160 °C
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<b>Supply voltage:</b> 380-415V / 50Hz 3p <b>Total power approx.</b> 10 kW <b>Power consumption:</b> ca. 15,6 A <b>Connection cable:</b> Length: 3m Plug: 16A CEE	<b>Heating capacity:</b> 9 kW <b>Maximum system pressure:</b> 14 bar <b>Maximum external volume:</b> 15 ltr
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<b>Pump:</b> Art: Reinforced Delivery rate (max): 57 ltr/min Delivery pressure (max): 6 bar Engine power: 1 kW Type: Peripheral	<b>Refrigeration:</b> Power: 50 kW Set-up: indirect Cooling water consumption: 13,5 ltr/min Cooling valve: Continuous bypass of heat exchanger using a 3-way valve
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<b>Dimensions in mm(L/W/H):</b> 780 (without connections) x 305 x 705 <b>Weight:</b> 72 kg to 90 kg, (depend. On features) <b>Color coarse-textured semi-gloss:</b> Housing: RAL7035 Frontdoor: RAL7016 <b>Mounting:</b> Rollers with two brakes	<b>Connections:</b> Circulating medium: int. thread 1/2" Cooling water: int. thread 1/2" Filling: Automatic filling via cooling water
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<b>Functional equipment hydraulic:</b> - Bypass between to and from process with reduced cross-section - Level monitoring by magnetic float switch TCU. - Monitoring of to process pressure via manometer at backside of unit - Flow monitoring by measuring surface temperature of heating rods, temperature fuse - Dirt trap in cooling water supply and return line of circulating system- Isolation of all heat carrying hydraulic components - Continuous bypass of heat exchanger - Bypass between the cooling water inlet and outlet	<b>Functional equipment electric:</b> - Controller Smart Controller (7"-touch display) - Heating by Hybrid SSR - Control cabinet IP54, forced ventilation <b>General equipment:</b> - Heating with Incolloy stainless steel tubular heaters
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Artikelnummer: IM160F

**Selected features:**

- Booster Pump to increase filling pressure (M.BP.WK3)
- Pressure gauge in pre run (M.PG1.WK3)
- Professional package consisting of: (PRO.WK3)  
Smart Controller plus, frequency converter and  
pressure transducer, ext. PT100,  
return temperature information, flow measuring  
If a fault-current circuit breaker (FI) is  
installed in the electrical supply line  
to the TCU, a FI "Type B" must be used.  
If the rated current of the FI is 30mA  
only one TCU can be operated at this FI
- Tool drainage suction (M.TDS.WK3)  
suction of the external consumer
- plug 16 A/ CEE completely installed (E.PSC16.WK3)
- Continuous bypass of the Heat exchanger (M.CB.WK3)  
with 3-way-valve
- Current interface 20mA Arburg (SSC.IFARBURG)  
via 9-pin D-sub connector