created for your perfection

Product series: **TK-90-9-50**	**Medium:** Water **Maximum medium temperature:** 90 °C

Supply voltage: 380-415V / 50Hz 3p **Total power approx.** 9,95 kW **Power consumption:** ca. 15,6 A **Connection cable:** Length: 3m Plug: 16A	**Heating capacity:** 9 kW **Maximum system pressure:** 5,2 bar **Maximum external volume:** 50 ltr

Pump: Art: Reinforced Delivery rate (max): 58 ltr/min Delivery pressure (max): 5,2 bar Engine power: 0,95 kW Type: Peripheral	**Refrigeration:** Power: 50 kW Set-up: indirect Cooling water consumtion: 9,6 ltr/min Cooling valve: Magnetic

Dimensions in mm(L/W/H): 639 (without connections) x 266 x 562 **Weight:** approx. 50 kg **Color coarse-textured semi-gloss:** Housing: RAL7035 Frontdoor: RAL7016 **Mounting**: Rollers with two brakes	**Connections:** Circulating medium: hose nipple G1/2" (14 mm) Cooling water: hose nipple G3/8" (14 mm) Filling: Manual with filler neck Automatic filling via cooling water

Functional equipment hydraulic: - Level monitoring by magnetic float switch - Dirt trap in cooling water supply and return line of circulating System - Turn-over switch for leak-stop operation	**Functional equipment electrical:** - Smart Controller (7" touch display) - Heating by Hybrid SSR - Control cabinet IP54 forced ventilation **General equipment:** - Corrosion-resistant components stainless steel, non-ferrous metal - Heating with Incolloy stainless steel tubular heaters

Itemnumber: IM090I

Subject to technical changes

This unit complies with the European Directives. Other directives and standards are met only if they listed in the order confirmation.

Selected features:

- Professional package (PRO.TK)
  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
  only one TCU can be operated at this FI
- Tool drainage suction (M.TDS.TK)
  suction of the external consumer
- plug 16 A/ CEE completely installed (E.PSC16.TK)
- Current interface 20mA TTY; Protocol selectable; (SSC.IFTTY)
  via 9-pin D-sub connector
  Arburg, Engel, KraussMaffei, Bühler, Dr.Boy Single
- Euromap 82.1 based on OPC UA, connection RJ45 (SSC.IFOPC)
  in frontdoor
- electrical preparation for SFC at TCU TK (SFC.R2.TK)

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