

## Technical Data 5000 RT

Industry PC with	<ul style="list-style-type: none"><li>■ Integrated PLC</li><li>■ Integrated CNC with all-digital drive control (integrated force-, position- and speed control loop) for up to 6 axis</li><li>■ Intelligent process control</li><li>■ Diagnosis and service functions</li><li>■ Linux operating system</li><li>■ Assembly on DIN rail (TS 35) according to EN 50022 (35 mm x 7.5 mm)</li></ul>
Drive	<ul style="list-style-type: none"><li>■ Integrated hard disk 30 GB</li></ul>
Field bus	<ul style="list-style-type: none"><li>■ CANopen with possibility to connect:<ul style="list-style-type: none"><li>- up to 6 (application-dependent) controlled NC axis e.g. <b>SCHMIDT</b><sup>®</sup> Servo-Press-/Torque-Press as well as press force monitored <b>SCHMIDT</b><sup>®</sup> ManualPress, <b>SCHMIDT</b><sup>®</sup> (Hydro)-PneumaticPress and <b>SCHMIDT</b><sup>®</sup> ElectricPress</li><li>- <b>SCHMIDT</b><sup>®</sup> PRC Gateway</li><li>- more than 2000 I/O's</li></ul></li><li>■ EtherNet TCP/IP</li><li>■ PROFIBUS:<ul style="list-style-type: none"><li>- PPROFIBUS Slave interface</li><li>- 48 Byte input/output data</li></ul></li><li>■ PROFINET (optionally via external CANopen/ PROFINET-Gateway) 16 Byte input/output data</li><li>■ EtherCAT (optionally via external CANopen/ EtherCAT-Gateway) 16 Byte input/output data</li></ul>
Interfaces	<ul style="list-style-type: none"><li>■ EtherNet (10/100 Bit)</li><li>■ 6 x USB</li><li>■ 2 x RS 232 (COM 1/COM 2) for diagnosis purposes</li><li>■ 4 digital inputs (24 V) galvanically isolated</li><li>■ 4 digital outputs (24 V) galvanically isolated</li></ul>
EMC	Acc. to requirements of EMC law
Power supply	24 V DC with integrated UPS
Ambient temperature	0 – 40 °C

## Technical Data 5000 HMI

Operating panel with	<ul style="list-style-type: none"><li>■ Intuitive user interface</li><li>■ Diagnosis and service functions</li><li>■ Microsoft Windows 7 operating system</li></ul>
Screen	<ul style="list-style-type: none"><li>■ Integrated 19" TFT display (SXGA resolution) with touchscreen</li></ul>
Drive	<ul style="list-style-type: none"><li>■ Integrated hard disk 80 GB</li></ul>
Interfaces	<ul style="list-style-type: none"><li>■ 1 x PS/2 keyboard</li><li>■ 1 x VGA</li><li>■ 3 x USB</li><li>■ 1 x RS232</li><li>■ 2 x Ethernet (10/100 MBit)</li></ul>
EMC	<ul style="list-style-type: none"><li>■ Acc. to requirements of EMC law</li></ul>
Power supply	<ul style="list-style-type: none"><li>■ 24 V DC</li></ul>
Current consumption	<ul style="list-style-type: none"><li>■ 4 A</li></ul>
Ambient temperature	<ul style="list-style-type: none"><li>■ 0 – 40 °C</li></ul>
Protection class	<ul style="list-style-type: none"><li>■ IP 54</li></ul>
Weight	<ul style="list-style-type: none"><li>■ Approx. 15 kg</li></ul>