SECOM 848$_{TC}$

Touch screen controller for continuous processes

General information

Features

The program controller SECOM 848$_{TC}$ is an industrial PC that has been developed and designed for the use in textile finishing applications.
A comfortable and easy operation is guaranteed by using a menu driven, touch screen supported software application in well-proven window technique.
The SECOM 848$_{TC}$ can be used as a stand alone controller as well as in a Windows® network environment under the machine management software OrgaTEX.

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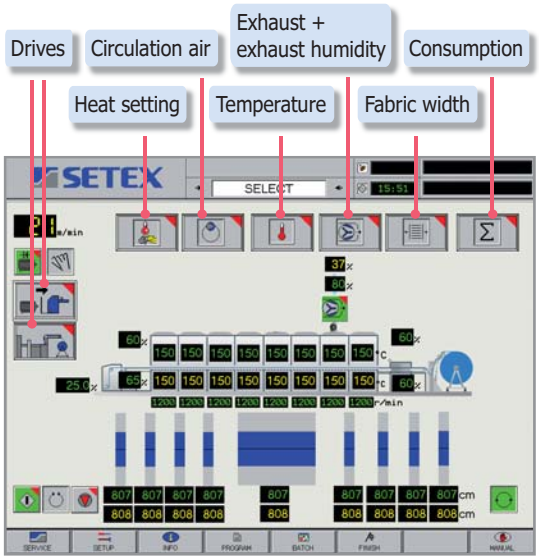
Application

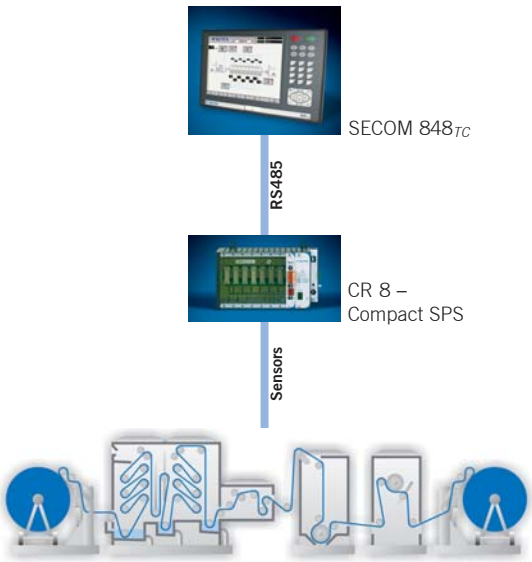
The main operational fields of the SECOM 848$_{TC}$ are all continuous processes in the dye- and finishing sections. The controller can universally be adapted to all kinds of machine types.

Application example

Software application



Hardware application



Specification

Hardware
Processor: Intel processor for IPC
S-RAM: 2 MByte
D-RAM: 32 MByte
Mass-storage-system: Flash Disk

PC card slots
2x PC card

Display
15" TFT color display with touch screen
Resolution: 1024 x 768 Pixel

Interfaces
RJ45: Ethernet, 10 MBit
RS485: SETEX PLC Arcnet
5-pol DIN: external keyboard

Integrated UPS
Power loss protection for minimum 5 sec

Input voltage
Nominal voltage: 24 V DC
Range permitted: 18–36 V DC

Power consumption
Operation: 30 VA
Inrush current: up to 14 A for max. 5 ms

Insulation test voltage
1500 V – the internal power supply is electrically isolated

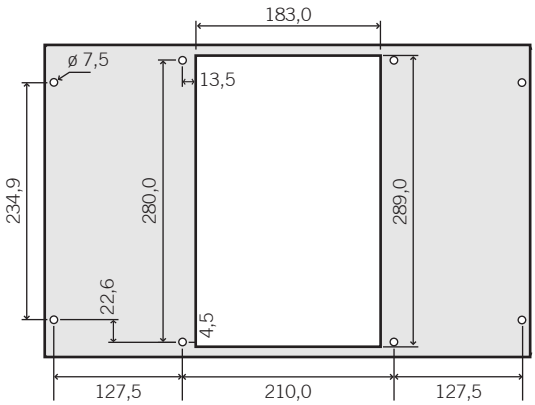
rotection system
Front: IP 64
Rear: IP 22

Ambient temperature
Operation: 0–50 °C (32–122 °F)
Storage: 0–70 °C (32–158 °F)
Relative humidity: 15–95% no condensation

The unit is build in conformity with the following standards
Emitted Interference: DIN EN 55022
DIN EN 61000-6-4
Interference resistance: DIN EN 61000-6-2
Security: DIN EN 60950-1

Dimensions (W x H x D)
483 x 310 x 139 mm (without connector)

Weight
approx. 6500 g



Panel out cut: 183 x 289 mm (W x H)
Depth: 113 mm (without connector)

Scope of delivery

Art. no. STS51001
1 Controller SECOM 848$_{TC}$
1 SECOM mounting devices
1 SECOM connecting devices

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