

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.



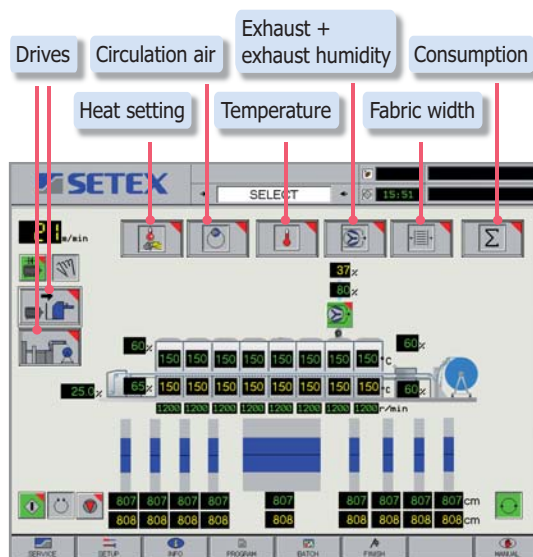
SECOM 848_{TC}

Application

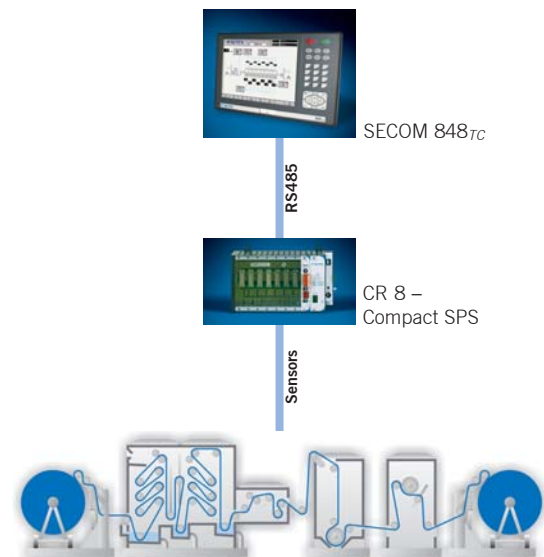
The main operational fields of the SECOM 848_{TC} are all continuous processes in the dye- and finishing sections. The controller can universally be adapted to all kinds of machine types.

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

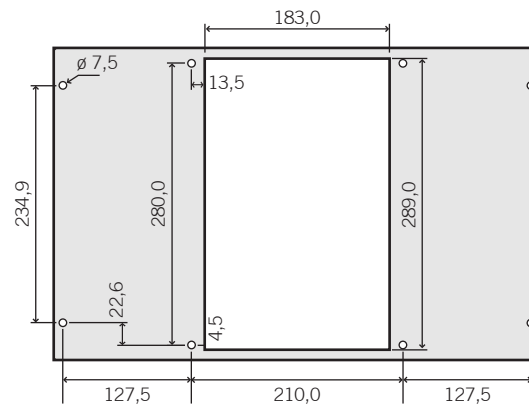
Emitted Interference: DIN EN 55022
DIN EN 61000-6-4
Interference resistance: DIN EN 61000-6-2
Security: DIN EN 60950-1

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