

FEATURES:

Mandonic automatic enveloping system

Cockpit Dashboard with multifunction displays

Mandon Technology-Suggests operational improvement to the operator

RFID User Access

7" Color Touch Screen

Up to 16 force input channels

BDE Outputs including cycle and good part pulses

Multiple Counters

DSP Based System

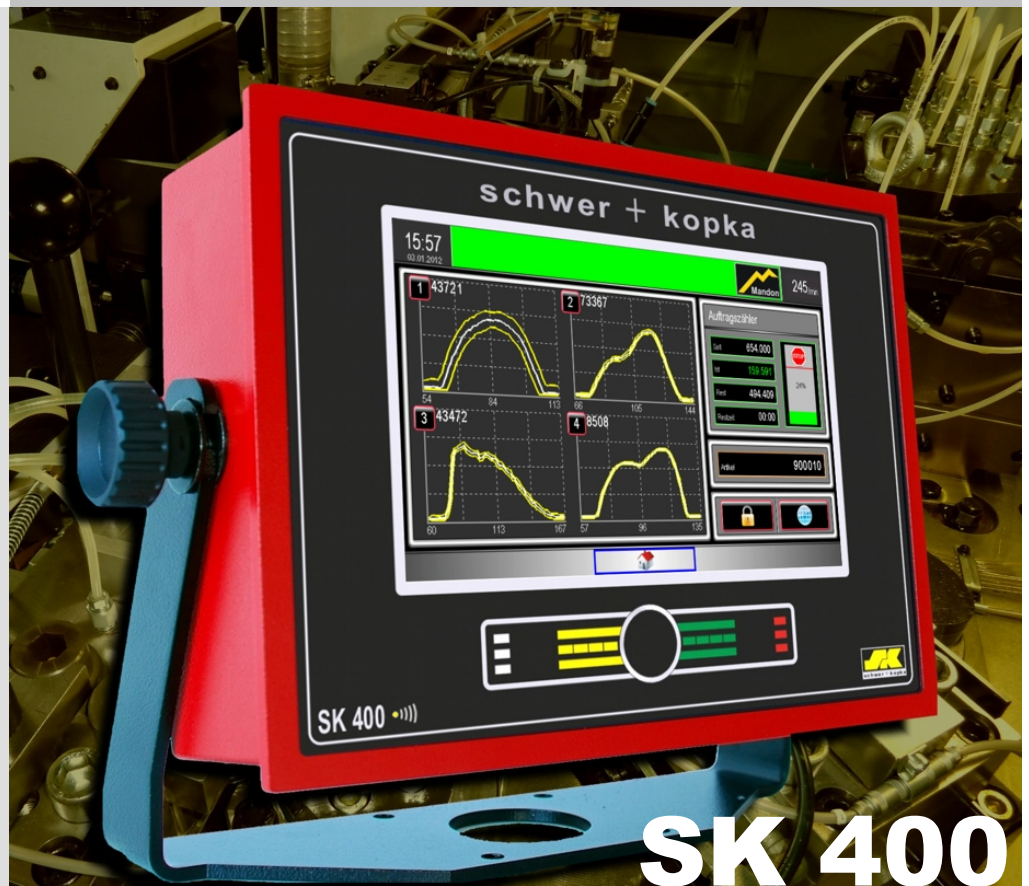
Optional features for specific user needs

Simple to Operate

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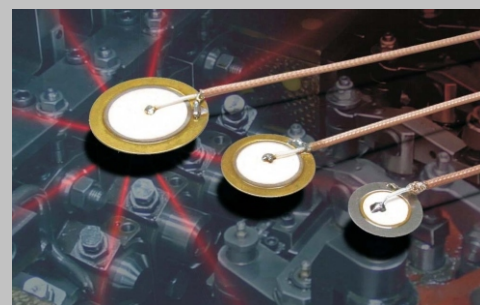
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SK 400



SuperflexSensors fit into an 8mm hole and can be manually adjusted to pick up the best signal. They can also be easily removed and replaced.



Diskflex sensors are significantly less expensive than the Superflex sensors and are epoxied into areas for best signal pickup. They have been used in wedges, backing plates, feed stops, and even embedded into tool holders. Many sizes are available from 8.9mm to 50mm.



The X-flex sensor is a strain sensor and is usually attached to the frame of a machine to protect the machine from an overload condition. The surface strain (tension or compression) is directly related to machine load, for example, on presses.

Monitoring Functions

- **Mandonic** auto enveloping system
- **SKPuzzlemaster** expert monitoring programs for special types of errors and forming operations
- New intelligent auto start feature after machine stop
- Analyzes process stability and monitoring quality
- **DMI** Die Match Indicator for thread rollers
- Absolute force measurement
- Trending stop/go chart
- Part data memory (Set-up recall)
- **Mandon®** reporting system

Technical Features

- 7" TFT color touch-screen with high resolution
- EMR-proof, ergonomically designed flat enclosure,
- Numerous mounting options (yoke, swivel, floor pedestal, panel mount)
- Part counters for job size, tool life, Unattended production runs with Eco-Stop and SPC intervals
- Sorting and batching logics
- **SKTelemaster** for teleservice
- networkable for machine data collection

Technical Data

- Powerful digital signal analysis processor
- Up to 16 sensor inputs
- 5 digital outputs (incl. 4 relays)
- 5 digital inputs
- Crank angle decoder option
- Data ports: serial RS-232, Ethernet, USB, Teleservice
- RFID controlled user access
- Data back-up (network or USB)
- High output digital signal amps

Dimensions (without yoke):
230 W x 165 H x 60 D (mm)
Supply: 24 VDC, 30W
Weight: 3,0 kg



Please note that some features are optional features even if not specifically mentioned. Modifications are possible without prior notice.

Highlights



The **Mandonic** auto enveloping system adjusts the envelope limits according to the current variation of the process. The result: reliable detection of process errors with virtually no unnecessary machine stops.

SKPuzzlemaster is provided for quick activation of expert monitoring routines.



Our unique **Mandon®**-system "talks" to the machine operator.

Mandon® is constantly thinking along with the process, gives timely warnings, provides intelligent remedies, and gives precise recommendations on how to improve productivity and quality.

Mandon® is your productivity insurance!



Easy-to-set part counters are available for controlling

- order size
- tool life
- unattended production runs with ECO-Stop
- batching unit
- SPC inspection intervals

All counters show preset quantity and current count. Machine stops when reaching preset counts (if activated).



The **DMI** Die Match Indicator assists operators in aligning thread roll dies quicker, more precisely, and more efficiently, and it extends tool life and improves thread quality.

The **DMI** Die Match Indicator tells the operator exactly in which direction he must move the excentre to correct die match.