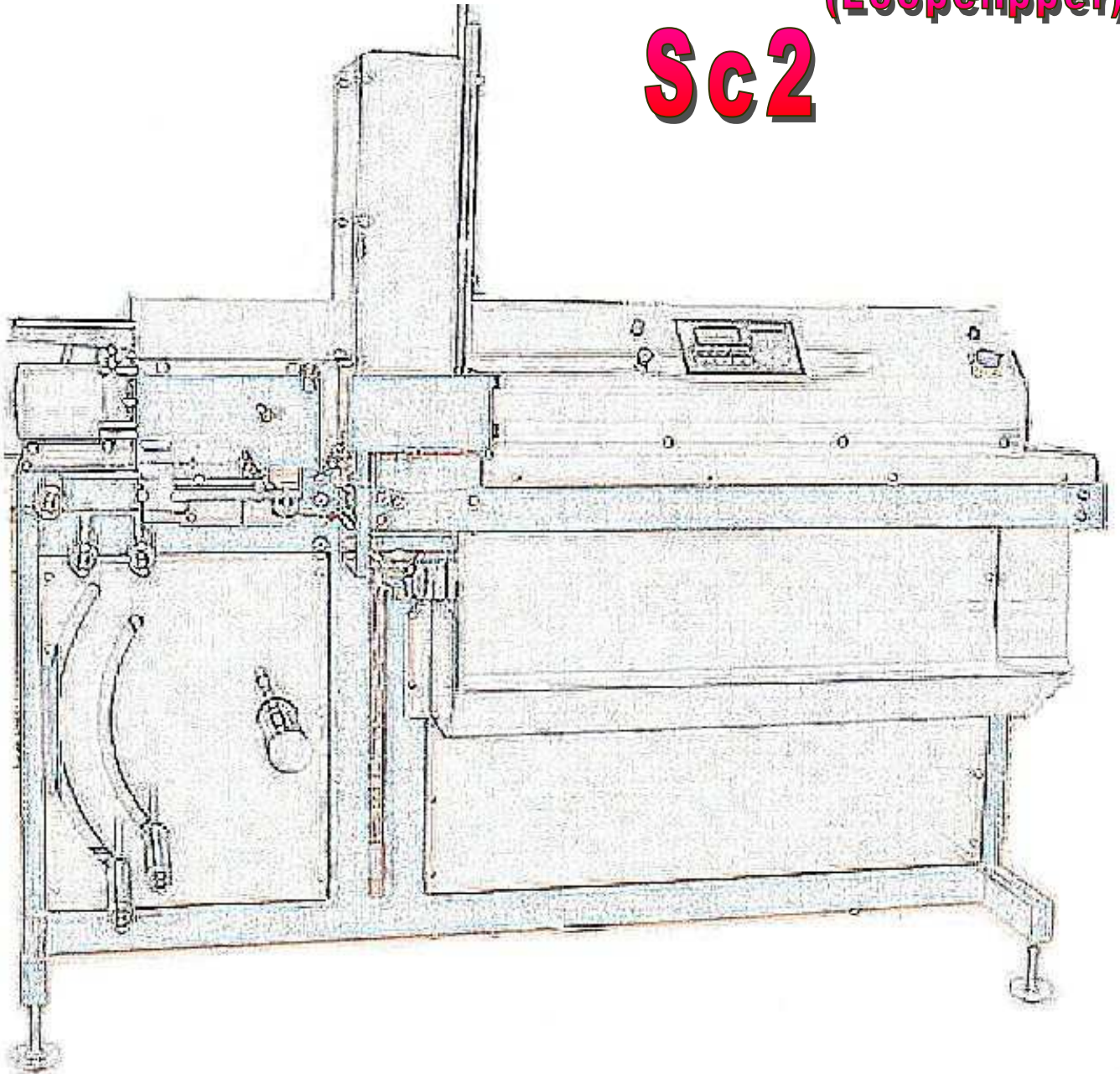




Schlaufclipper

(Loopclipper)

Sc2



short description

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1. Advantages

- Compact construction
- Minimal set-up time
- Quick change of material (skin and thread)
- Selectable Product-length
- High output
- Selectable speed
- Independent from type of thread
- Select loop & clip or clip only with one button-click
- Electronical analysis of errors for:
 - No thread
 - No clips
- Adaptable to customer needs
- **!!! NEW !!! Quick-Exchange-System for different Clip size**
- Options: Printtag-recognition / Picture-positioning



2. Performance description

The **Loopclipper Sc²** was built to ready-made **skin with loop and clip** or **skin with clip only**.

Ready-made with **fiberskin depends** on the **material**.

The **product-length** of the standard-machine is up to 1500mm and is **adaptable to customer needs**, the **width** of the Skin is **depends** on the **clip** and is up to **240mm now**.

The **skin-coil** is attached to a **single-side-mounted put up** (easy to handle), with compressed air brake and put-up on a corediameter of 75mm (**Adapter like plasticbag weldingmachine FBSM1-S3 or other types are available**).

The **skin** runs via a **tension compensation** and through a **collapsible folding-system** to the **cutter**.

The **thread** runs via a tension compensation to the loop-knotting system (**no specific thread needed**).

The machine **builds the Loop itself**, no pre-production or buying is needed.

The clips are attached to a guiding-rail.

By the operator-panel you have to select the length, quantity and the number of pieces per bundle.

After pressing the **[START]** button the system **proofs** the **clips** and the **thread** and **starts** the **production**.

If the **pieces per bundle** are reached the system gets into the **pause-mode** and the user can take off the produced pieces. To restart the machine the user has to press the **[START]** button **again**.

If there are **no clips** or **no thread** during production the **operator-panel displays** it and the system gets into the **pause-mode**.

The system is also checking the correctness of the loop and the correct fit of the clip.

The Machine is built on customer needs an can be individually adapted to customer needs.



3. Settings

The settings are reduced for easy-to-use so that semi-skilled users can also work with the machine.

The needed setting for the production are reduced on the following parameters:

- Length (100mm - 1500mm can be enlarged)
- Quantity
- Pieces per bundle
- Pullspeed for sensitive skin

You can also change the length of the loop with minimal mechanical set-up.

All important parameters are proofed by the computer-controller:

- Clips available
- Thread available
- Loop correct made
- correct Clip fit



4. Options

The machine can be adapted to customer needs

At present there are the following options available:

- Maximum product-length can be adapted (standard is up to 1500 mm)
- Clip only or clip & loop
- Cliptype will be adapted to your system
- **!!! NEW !!!** Quick-Exchange-System for different Clip size
- **!!! Printtag-recognition is also available !!!**



5. Technical Data

Output: ***depending on the length***
up to **40 pieces** per minute

Connections:

- Compressed air: 6-8bar
- Electrical power: max. 230VAC/12A nom. 230VAC/3A

Drive: 3-Phase Servodrive 1,25kW

Cutter: semi-circular shearcutter (easy to sharpen)

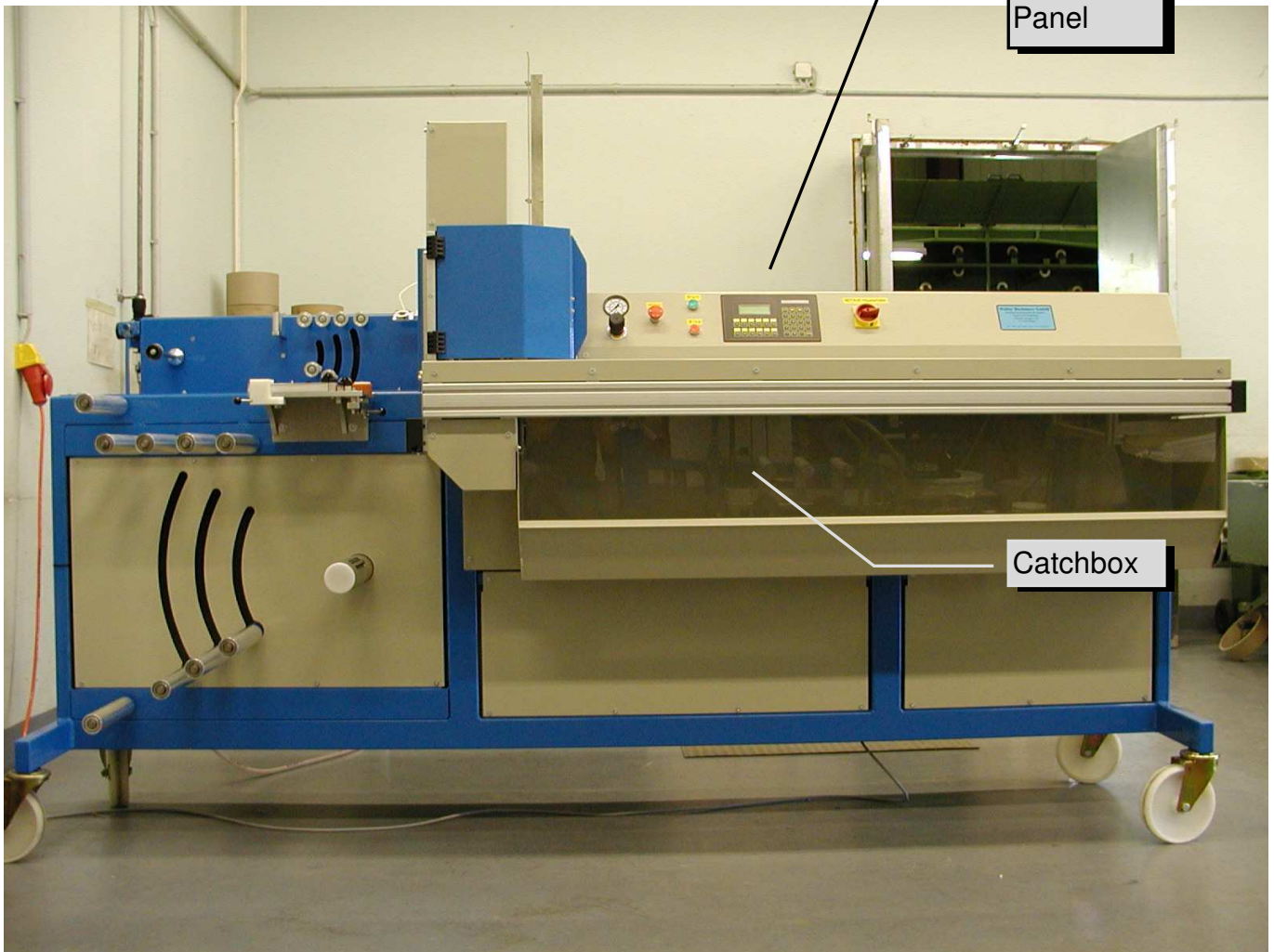
The complete machine is controlled by a computer-controller (PLC) with the advantage of flexibility

All needed production-parameters can be adjusted individually !

6. Pictures



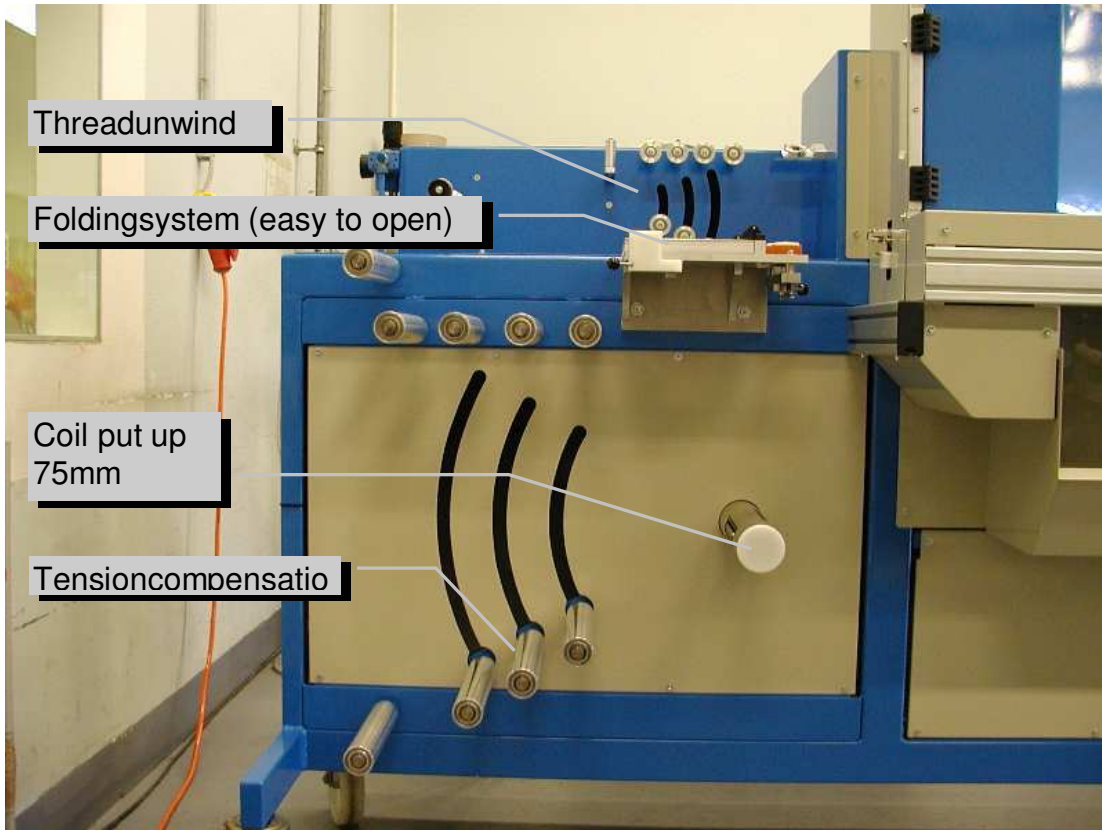
Loop
with clip



Operator
Panel

Catchbox

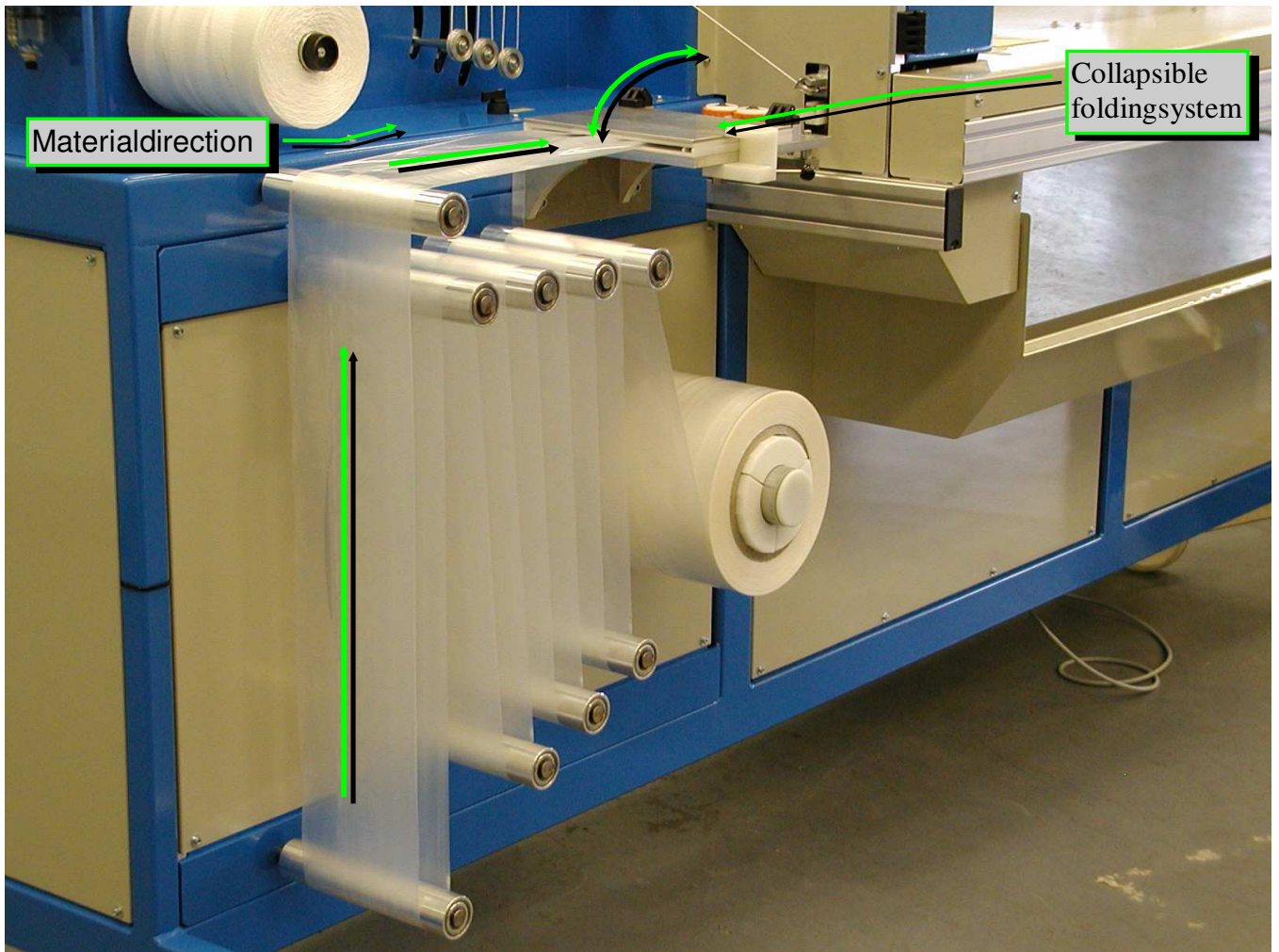
6.2 Sideview with tension-compensation



Sideview:



6.3 Tensioncompensation with material



Coil Put Up
Adaptor for
150mm

