

Pressing system

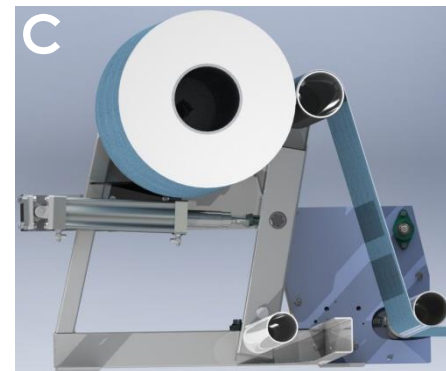
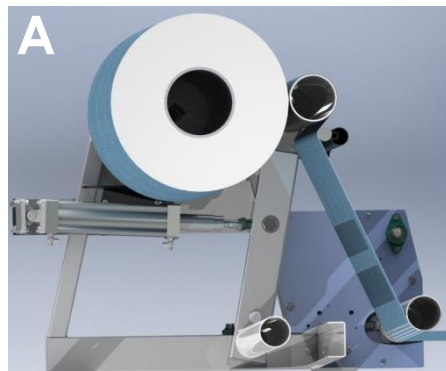
The **ZENTRO Touch** can be equipped with a multi-flexible pressing system in order to avoid the formation of creases and to maintain a compact roll when winding delicate fabrics. The pressure onto the cloth roll is developed by pneumatic cylinders. The force can be individually adjusted according to the sensitivity of the respective fabric.

The pressing system is also available as retrofit set.

Following options are available:

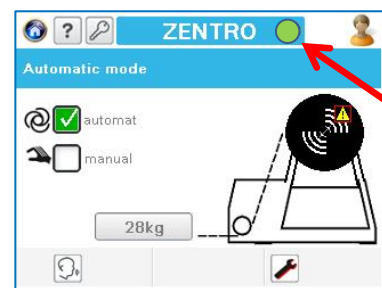
- [A] press roller plus spreader bar
- [B] press roller plus two rotating deflecting rollers
- [C] press roller without further deflection

These three versions are fully exchangeable.



Further functions

Display running signal 'green'



Supervision of running signal 'weaving machine' and connection check.

Language selection



Different languages permanently selectable

User profiles



Individual access authority per level definable

Spare parts catalogue



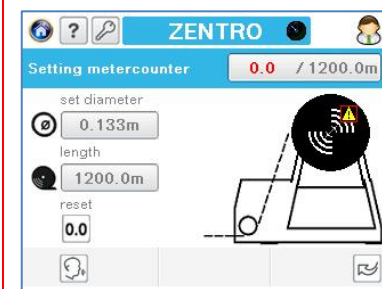
Integrated for easy identification of required parts including part-no.

Reports



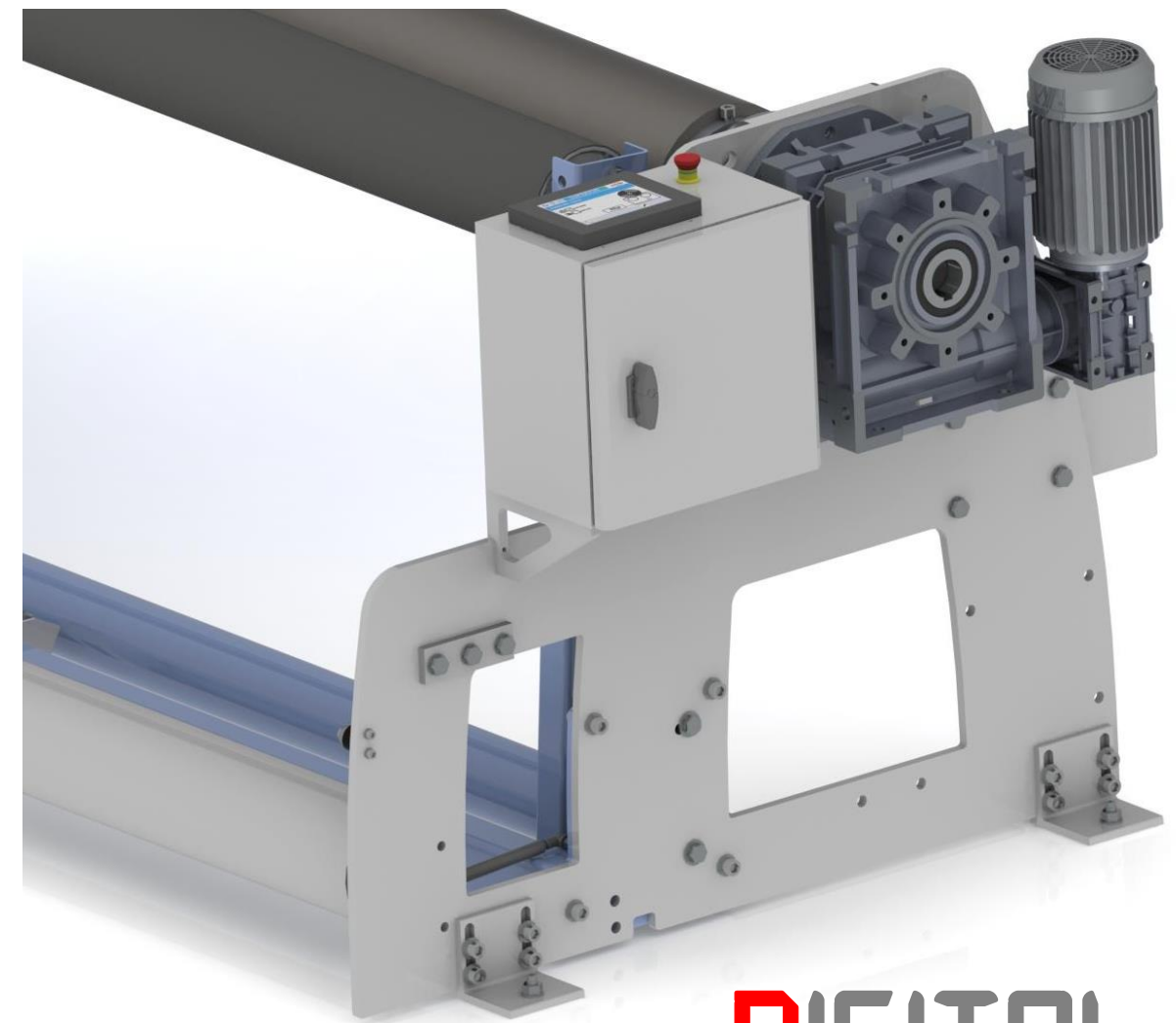
Indication of important performance datas ,online '

Meter counter [option]



Indication of fabric wound in m, alarm-function at end of piece length available

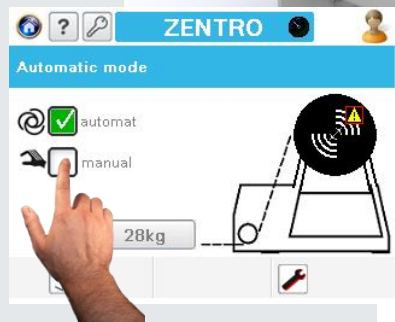
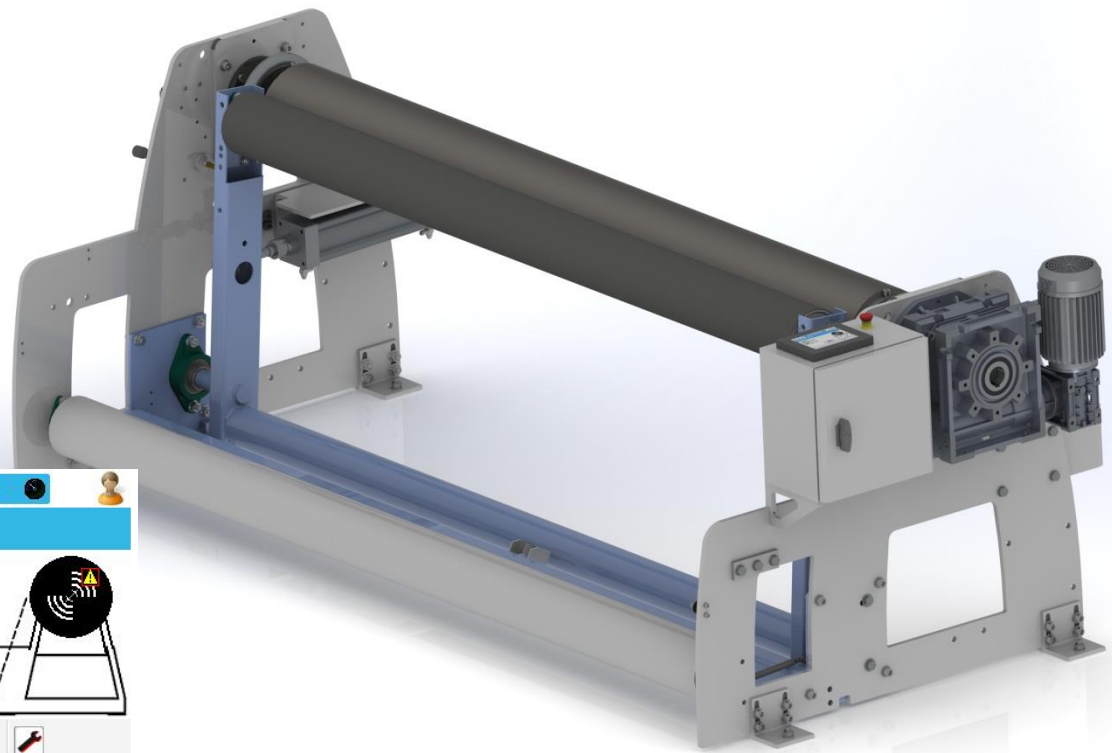
ZENTRO Touch



DIGITAL WINDING
BY WILLY GROB

[subject to technical modifications] 1015

ZENTRO Touch



Systematic digitisation

The second generation center winder is fully equipped with the latest technologies and expanded options for winding. The functions of its predecessor have been refined and systematically integrated into all-new **digital touch screen** operation, including the display of the fabric tension in kg.

Top quality winding technology

The tension is measured and monitored by using a **digital load cell**. Deviations from the digital settings are detected immediately and directly. The system responds instantaneously ensuring that the selected tension setting is precisely adhered to.

Any choice of cloth beam

Willy Grob center winders feature a flexible construction design. The winders are designed for standard widths based on the nominal sizes of weaving machines and are equipped with cloth beams with adjustable square connection pins.

Winders can easily be customized to the necessary size for customers with their own and specific cloth beams, allowing them to continue with the existing logistic without any problem.

Safety chuck

Cloth beams can be stored in the winder using fast and functional safety chucks or standard shelved storage.

Attractive design of both hard- and software

New design that brings added value. This approach brings results from the design of the machine components through to the all-new touch screen control. Now it's even easier for the user to safely operate the winder without any guidance.

The latest technologies and functions

Willy Grob stands for state-of-the-art winding technology. The newest center winder **ZENTRO Touch** comes **standard** equipped with all key functions. This gives the user the best equipment for achieving top-quality rolls.

Touch Screen **TS^{BU}**

Without a doubt the key feature of this winder model is the new colour, touch screen control panel.

With an entirely graphical design, the menu is easy to use and intuitive for any user.

The key parameters can be controlled directly via the main screen and adjusted when necessary. Users will never need to read through complicated manuals.



Tension Control **TC^{BU}**

Thanks to state-of-the-art electronic components, the centre winder's new control system has the option of two different tension control types.

1. Linear tension release

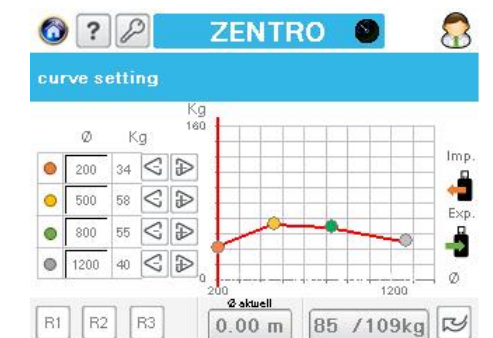
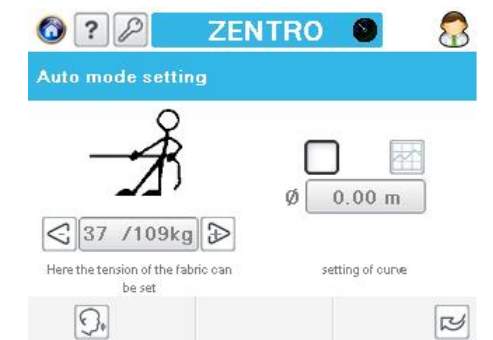
Based on the set tension at the beginning of the winding process, there is a constant linear decrease in the tension during winding relative to the batch roll diameter.

For most fabrics, this precise control is adequate to achieve the desired batch quality.

2. Customised specification of the tension release

For very delicate fabrics it is necessary to set a individual devolution of the fabric tension throughout the winding process. The control system allows the user to individually specify the control curves relative to the winding diameter and hence provides the greatest flexibility for optimizing winding.

Control curves can be stored and read into the system again at any time.



Traverse motion **TM^{BU}**

The center winder can be equipped with a traverse motion function. This option allows continuous back and forth movement of the entire winder frame. Both the movement distance and the cycle speed can be custom set according to need.

The traverse motion helps to avoid build-up of fabric at the edges or when winding open weave fabrics a slight dislocation results in a better, more compact winding quality.

