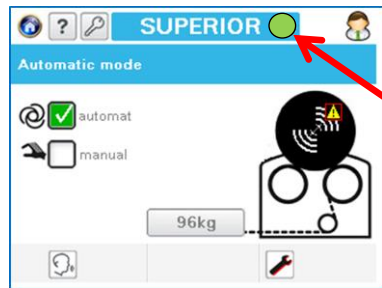


**Additional standard functions**

**Display running signal 'green'**



Supervision of running signal weaving machine and connection check.

**Language selection**



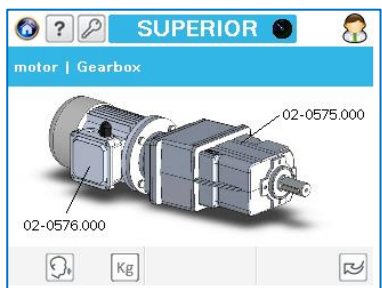
Different languages permanently selectable

**User profiles**



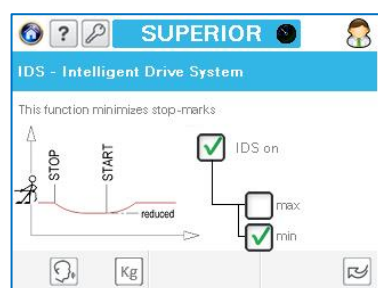
Individual access authority per level definable

**Spare parts catalogue**



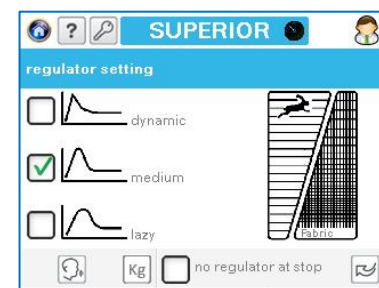
Integrated for easy identification of required parts including part-no.

**IDSBU – Intelligent Drive System**



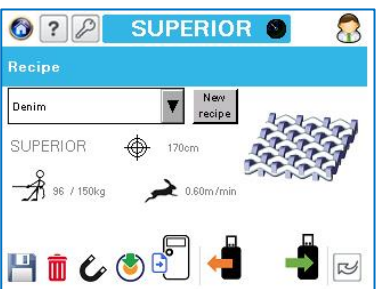
Selection of different tension conditions during halt to avoid stop marks

**Selection of regulation**



Allows the choice of different regulation conditions according to fabric requirement

**Recipe storage**



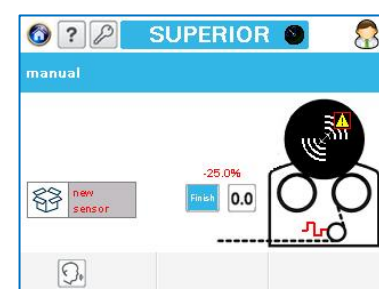
Save and upload of individual recipes

**Reports**



Indication of important performance datas ,online'

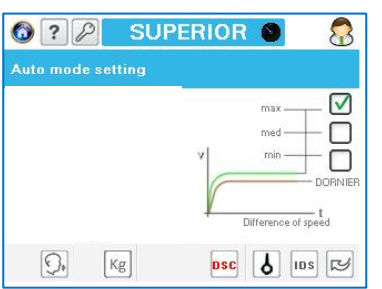
**Calibration of load cell**



Reset-function to adjust the digital load cell

**Options:**

**Direct Speed Control DSC<sup>BU</sup>**



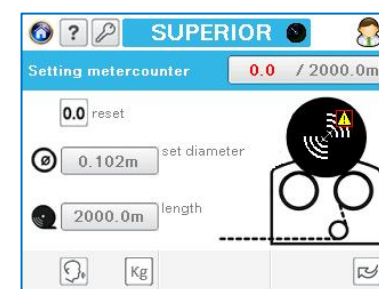
Batching unit speed fully synchronized with weaving machine

**Control via tablet/phone**



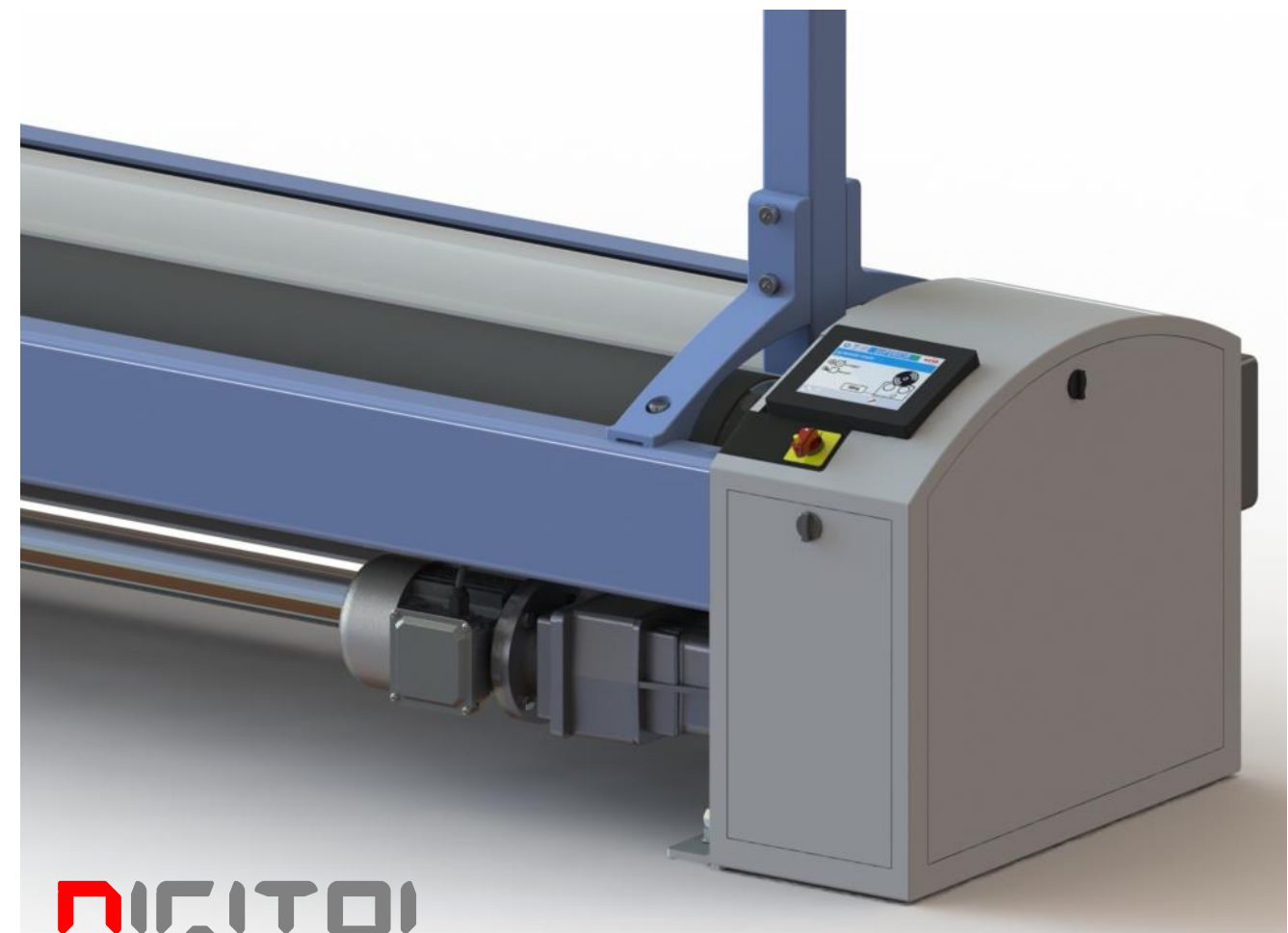
Remote control of the batching unit via tablet or smartphone

**Meter counter**



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

**SUPERIOR Touch**

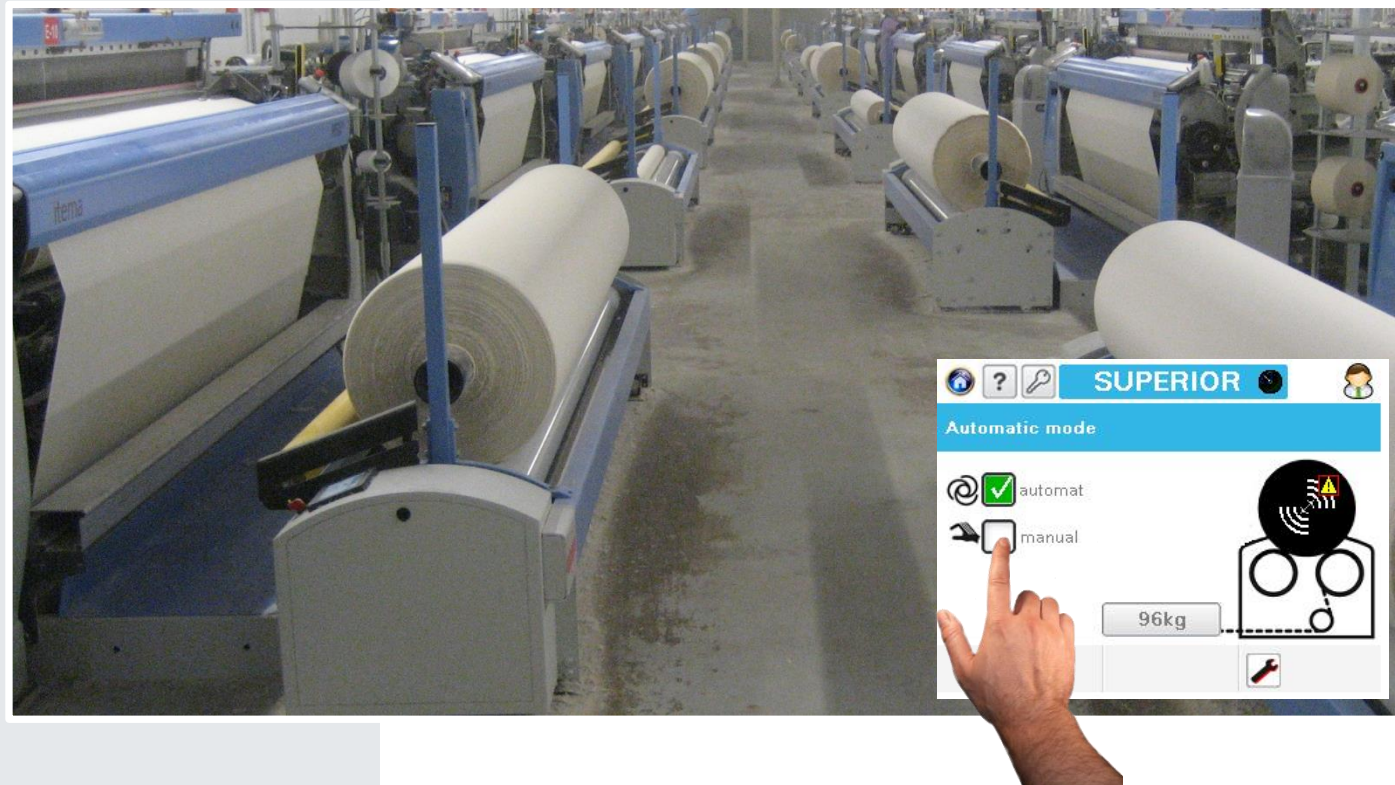


**DIGITAL WINDING**  
BY WILLY GROB

[subject to technical modifications] 0915



# ► SUPERIOR ◀ Touch



Consistent digitalisation

Winding technology of its best

IDS PLUS<sup>BU</sup>  
SL<sup>BU</sup>

DSC<sup>BU</sup>

Attractive design in hard- and software

The third generation of the Superior batching unit is packed with latest technology and enhanced options for a perfect winding process. Functions from the predecessors have been sophisticated and fully integrated into the new **digital Touch screen** panel, including the indication of the tension in 'kg'

The fabric tension is directly measured and supervised with a state-of-the-art load cell. Deviations of the digital pre-setting are immediately detected. The system reacts instantly and assures a constant fabric tension for empty to full batch.

The entire winding process can be customized in an optimal way to the particular necessities of different fabrics, thanks to features such as **IDS PLUS<sup>BU</sup>** [system to set start and stop characteristics] or **SL<sup>BU</sup>** [anti-slip-control].

**DSC<sup>BU</sup>** [Direct Speed Control] is an optional feature which allows the import of a signal from the weaving machine via an interface. This function enables the transmission of the actual speed of the fabric. Thereby an accurate synchronization can be obtained and eventual manual wrong adjustments avoided.

Added value by design. This approach stays course from the design of machine parts up to the newly developed touch screen operation. It becomes easy for any operator to handle the batching unit safe even without a manual.

## Latest technologies and functions

Willy Grob stands for latest winding technology. The newest batching unit **►SUPERIOR◀ Touch** is **equipped by default** with all major functions, which makes sure that the user is provided with optimal tools to reach best winding quality.

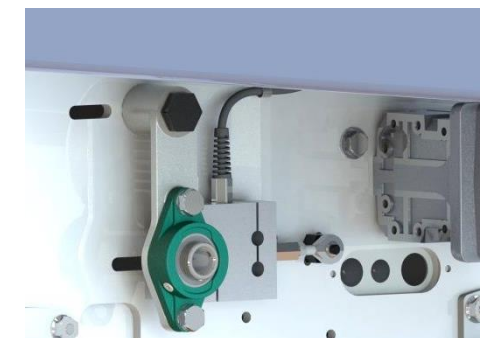
### Touch-Screen TS<sup>BU</sup>

Beyond doubt the heart of this winder generation is the new coloured touchscreen. The new operation structure is fully graphic and allows any operator an easy and intuitive handling. The main settings can be controlled and adjusted on the entrance screen. An intricate study of a manual is basically not required anymore.



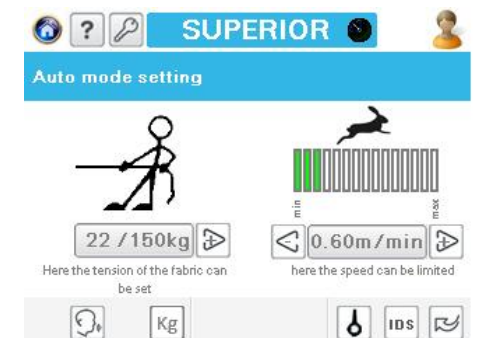
### Load-Cell LC<sup>BU</sup>

Thanks to the usage of a digital load cell it is possible to keep the fabric tension constant on a very accurate level. Due to the fact that the measurement of the signal itself is carried out by a sensitive resistive wire strain, it is possible to execute the construction of the deflecting roller in a very stable and fix version. A much appreciated advantage which has to be taken into account, especially when high fabric tensions are required.



### Speed-Limiter SL<sup>BU</sup> (anti-slip-control)

The function 'Speed-Limiter' allows the individual setting of the winding speed and serves for the **prevention of slipping** of the rollers. So the problem of spinning rollers – especially at the beginning of the winding process – belongs to the past. A much longer life time of the rubber roll is achieved and damaging of the fabric due to spinning can be avoided.



### Spreader bar System STRETCH<sup>BU</sup>

Due to the modular architecture of the batching unit, a fix spreader bar system can be installed at the position of the rotating deflecting roller which is used by default.

For delicate fabrics with a tendency to develop creases, a spreader bar system can achieve a much better winding quality – up to the complete elimination of the creasing problems.

When winding two widths at the same time, the spreading effect does prevent efficiently the overlapping of the two widths in the center of the winder.

The spreader bar system **STRETCH** can also be installed subsequently.

