

RC Calendar Quick-Change System

The patented RC Calendar Quick-Change System is designed to perform the production change in the shortest possible time, making a configuration change at material inlet into the calender, in order to pass from the textile cord production to the steel cord one and vice versa.

The calendaring line has been designed and manufactured to allow the textile and steel cord to have a quick and automatic change with also the insertion and change of grooved rolls for steel cord end-count.

Another aim of the patented design is to have quickly available, in front of calender roll 3, the textile laminating roll to laminate the fabric and then the two end-count rolls to laminate the steel cord. The calender has been designed and manufactured with the first end-count roll assembled on levers that allow to place it in working position by means of a pneumatic device. The second end-count roll for steel cord and the accompanying roll of the fabric are fixed on a rotating supporting unit that allows to place them alternately in working position.

Furthermore, the end-count rolls are assembled on sliding blocks allowing them to easily come out on the calender side, in order to be replaced, through the machine frame on the heating side, where a hoist stores them on a rack.

With the “RC Calendar Quick-Change System”, manufacturers benefit from the following advantages:

- 50% reduction of time for end-count roll change
- 50% reduction of machine downtime for new set-ups
- 50% increase in productivity
- 60% reduction of the staff used for the operations of end-count roll change
- 50% reduction of the time for line set-up for production changes
- 50% reduction of the staff used for the joint operations
- 100% increase of the safety standards according to EC regulations
- Increase of the production quality standards