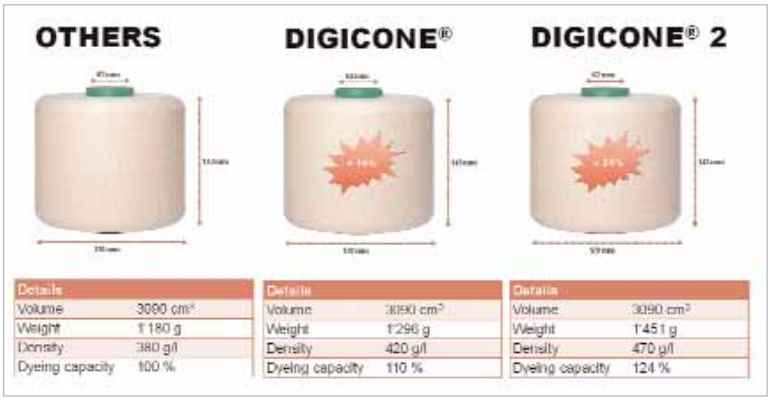
SSM DIGICONE® 2 -Advanced winding algorithm

DIGICONE® step precision winding – developed by Schweiter in the 1970s – combines the advantages of random winding and precision winding.

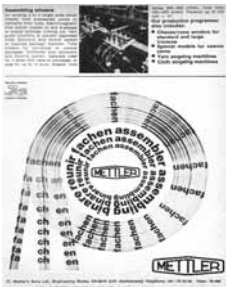
The ratio between double strokes and number of revolutions is kept constant for a certain diameter range in the latest DIGICONE® step precision winding. The crossing angle varies only slightly within a range of ±1°. This results in an enhanced package density that does not change with increasing package diameter. So the building of pattern zones is avoided and the package maintains a stable structure without any ribbons. Due to this stable structure, the risk of complete layers "slipping off" during the unwinding process of dyed packages, as known with random winding, is completely eliminated.

The introduction of the XENO platform opened new possibilities for optimizing the winding algorithm. Thanks to this new machine platform, SSM could release DIGICONE® 2, enabling an increase of dye package density by another 10–24% with unchanged dyeing recipes. ◆



Schweiter Ltd. advertisement in PTJ 1957.

Scharer Textile Machine Works advertisement in PTJ 1960.



Mettler advertisement in PTJ 1967.

Mesdan SpA offers CONTEST maturity and contamination tester

Mesdan® from Italy, the renowned manufacturer of yarn splicers for knotless yarn joining, and quality control equipment for the textile laboratories (Mesdan-Lab division) will attend the forthcoming IGATEX exhibition in Karachi.

Mesdan booth will be located at Hall 4 together with their exclusive local agent Madhani Associates.

The sales team will be there to present the latest technologies, recently developed for both the production divisions:

- **MOISTAIR® 6901 and 6901R:** The automatic splicer for the Savio winders is considered as versatile and efficient splicer for a variety of yarns such as TENCEL® as well as single and dual core yarns (such as LYCRA®+ T 400 + cotton), very fine compact yarns, coarse & slub yarns and various blends in particular. These splicers are available for the new machines, as well as retrofitting of older machines.
- **CONTEST:** New laboratory equipment for the spinning mills, able to automatically test most of the fiber properties: neps, seed coat neps, trash, stickiness, micronaire, fineness and maturity.

This new equipment was firstly presented during the last ITMA and then at the ITMF conference has already received great interest from many customers, institutes and the other operators world wide.

- **MESDAN DYE-LAB division**: Completely new and advanced range of dyeing machines for the laboratory was developed after significant research and development by the Mesdan team.

Machines like **Giotto, Lodo** and **Auto-Chroma IR** are able to reproduce in the lab the complete production dyeing process, in order to guarantee a great and fast matching of the results from lab to bulk requirements of the customers. ◆

CONTEST maturity and contamination tester.