

## Caipo: New CSTU - Slub and Twist Unit

CAIPO AUTOMAZIONE INDUSTRIALE was founded in 1963 in the Biella – CAIPO provides a wide range of solutions to produce excellent quality fancy, slub, multi-count and multi-twist yarns. Caipo is represented in Pakistan by Madhani Associates.

Caipo presents a new innovative and technologically updated system, which is the result of decades of experience in the spinning sector for the production of SLUB YARN (coarse and fine) - MULTICOUNT - MULTITWIST with performances at production level.

The CAIPO research and development centre worked for many years on this new project and took advantage of various inputs due to close collaboration with their customers and from the market demands, while using the success parameters of well known CSM 90 system. The CSTU can be applied to any type of ring frame and Open end machine, both to new machinery or to the existing range.

### Technical Features

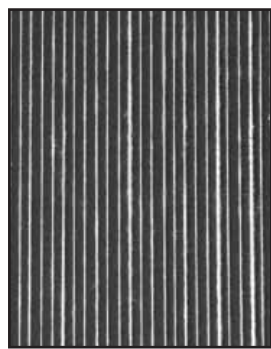
Yarn types that can be obtained include:

- ❖ Normal.
- ❖ Slub yarn (coarse and fine).
- ❖ Multicount with twist variation.
- ❖ Multitwist.

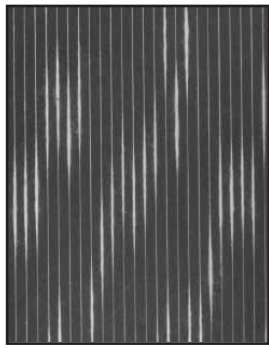
Direct control of feed shafts (top and middle), besides the production of slub yarn, the draft can also be set.

The **delivery shaft (front roller)** can be controlled, by adding a motor to set the twist and to change it according to the count processed.

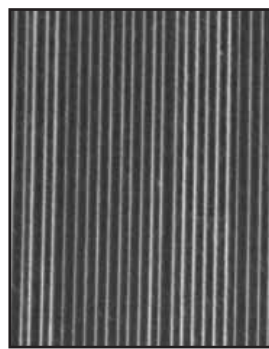
**Motors digital-control** (through CAN-BUS), allowing a very high precision on draft and twist control.



Open End Slubs



Ring Frame Slubs



Multicount Yarn



CAIPO CSTU

**Draft and twist electronic control**, by eliminating the different pulley ranges.

**CSTU internal memory** containing 10 programs of 500 lines each.

**CAIPO-MEM** solid-state cartridge, containing 30 programs of 500 lines each.

**Slub thickness:** From 0,1 to 9,00 with steps of 0,01.

**Twist:** from 30% to 300% of nominal twist.

**Offset functions** either for slub yarn or for multicount and multitwist.

**Adjustable setting** of the acceleration and feed rollers braking ramps.

**Setting of nominal twist** from 5.00 to 300.00 (according to the spinning frame).

**Setting of nominal twist:** revolutions/m or revolutions/inch. Setting of the program in MANUAL or in AUTOMATIC format. ♦

## Mesdan to display Elamatic the new automatic Digital Elmendorf Tearing Tester

At the forthcoming ITMA Asia – CITME exhibition (Shanghai, 22-26 June 2010), the renowned Splicer and Laboratory equipment producer from Italy, Mesdan SpA, will display in the Italian cluster a variety of well known and NEW yarn splicers (Jointair® – Aquasplicer® – Hot Jointair®) as well as some NEW Q.C. Laboratory instruments

### ELMATIC

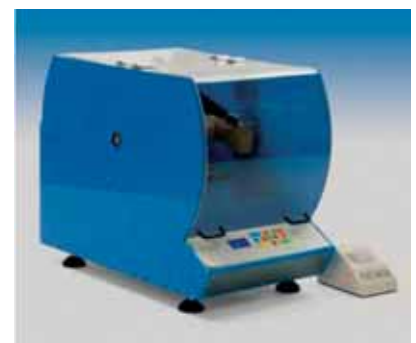
The Automatic Digital Elmendorf Tearing tester endowed with the following features:

- ❖ Measuring range from 200cN to 30.000 cN for testing fine and heavy duty materials (textiles, leather, paper, plastics, etc).
- ❖ Automatic tear test execution.

- ❖ Automatic pendulum brake.
- ❖ Automatic reposition of pendulum in the starting position.
- ❖ Automatic pendulum raise with reset.
- ❖ Total safety cover during testing operation until pendulum swinging is terminated.
- ❖ Large LCD display with PC & printer connection.
- ❖ High productivity with accurate and repeatable results in conformity with major International testing Standards.

### Besides ELMATIC, the Mesdan- Lab division will showcase:

- ❖ The NEW sliver & yarn EVENNESS TESTER model MT-5.
- ❖ The fully automatic yarn strength tester AUTODYN.



Mesdan Elamatic

- ❖ The modular NEW 9 position MARTINDALE Abrasion & Pilling tester.

On the SPLICER side (Mesdan® Yarn Joining Division), several novelties will be on display.

Visitors can get a demonstration of Mesdan's avant-garde yarn splicing technology at Mesdan booth A52 located at Hall W2. Mesdan is represented in Pakistan by Madhani Associates. ♦