

®

ULTRAFEEDER 2

Constant Tension Feeder

The latest technologies
and innovative materials
in a All-in-one Solution

Utmost accuracy in
Hosiery, Seamless,
Knitting applications



UNI EN ISO 9001-2000 14001-96



Yarn Input Accessory Smart Set

Self-cleaning magnetic revolving yarn brake combined with floating eyelet yarn guide.



Advanced Display

Upper side positioned wide graphic display for easy real time data monitoring (yarn feeding tension, LFA, quality histograms, ...).



Double Yarn Coil Separator System

Self-Separating Wheel and Adjustable Separator.



Ergonomic Keys

For easy operations and access to menu.



Sensor

Advanced tension measuring sensor for utmost high precision reading.

OVER THE TOP

ULTRAFEEDER 2 represents a radical evolutionary step in Yarn Constant Tension Feeding Technologies state-of-art and innovation process.

It comes built up with the most advanced materials (aluminium, magnesium, carbon fiber) which guarantee unique features in terms of lightness, strenght and small-size dimensions.

The updated design and accurate ergonomics (i.e. upper positioned display for easy reading, optimized space around the wheel for easy yarn threading, ...) guarantee utmost features in terms of user-friendly operations.

The new powerful processor and updated electronics in combination with the advanced built-in materials provide unique performances in terms of response time and yarn tension reading accuracy.

ULTRAFEEDER 2 comes with a further improved motor torque allowing new applicative possibilities and enhanced performances in feeding yarns with high selections dynamics.

The new smart yarn input accessory set and the double coil separator system provide this device with unique advanced features and applicative benefits to machine operator.

ULTRAFEEDER 2 is designed for the most demanding needs in socks/hosiery, seamless, knitting, several looms applications and sewing machines.

It works with any kind of yarn in many different applications, with thin bare, covered and interlaced elastomers (11,13,15 Dtex), nylon, cotton and technical fibers.

FEATURES AND BENEFITS

- Programmable tension 0,2 gr. ÷ 100 gr.
- Feeding speed till 1500 mt/min (@ 24V/36 V).
- APPLICATIONS Menu for easy operator selection of the application of interest (socks, hosiery, seamless, medical, knitting, Raschel, ...).
- INC/DEC function: possibility to INCrease or DECrease gradually the yarn tension with a resolution of 0,1 gr.
- LFA function: exact yarn consumption measuring (Length Yarn Absorption) with resolution of 0,1 mt.
- LFA self-learning function: yarn consumption self-learning and control, with relative automatic machine stop, in case of LFA error bigger than the programmed tolerance (BTSR® patent).
- TARGET function: possibility to set a production target in meters with the relative automatic machine stop.