

# T.2N.10E-PS 11250

mod.



**DTA**

DEWAELE TECHNICAL AGENCIES  
Hazewindstraat 71  
B-8540 DEERLUK  
T +32 (0)56 73 5685  
lievendewaele@dta-industrial.be  
[www.dta-industrial.be](http://www.dta-industrial.be)

# mod. T.2N.10E-PS 11750

Flexible synthetic loom for weave forming - filter - dryer fabric



Explanation of the loom type letters and numbers:

- T = loom suitable for weaving technical fabrics
- 2N = weft insertion system with 2 band rapiers, controlled and driven by servomotors by guide hooks
- 10E = number of mounted slay driving cam groups
- PS = heavy loom supporting structure
- 11750 = weaving width (on request be possible all weaving width)

## TECHNICAL FEATURE OF THE LOOM

- 8 Colours Weft Position Change, driven by Servomotors;
- Max. weaving width 11750 mm (on request be possible all weaving width)
- Min. weaving width 3000 mm
- Weaving speed adjustable from 5 up to 90 rpm
- Beat-up power max. 65000 N/m
- Warp tension first beam 65000 N/m
- Warp tension second beam 35000 N/m
- number of the yarns for cm. Min. 4 – max. 100;
- weft wire diameter min. mm. 0,13 – max. mm. 1,20.
- Warp control tension 4 position;
- **WEFT TENSION CONTROL TRINCA TYPE CTT-8** driven by Servomotors with:  
weft tension setting; maximum/minimum admissible weft tension setting; tension regulation in cN; save all tension for each weft; tension weft curve visualization; weft tension correction for each single pick; weft crimp factor control;
- Possibility to use full temple (TRINCA PATENTED) or lateral temple;
- Left and right Close selvage device, driven by Servomotors;
- n. 2 let off with canister, driven by servomotors
- n. 3 roller take up, regulation of the centre roller by PC
- n. 1 direct 3 roller take-up (Trinca patented) for winding fabric
- Remand roller position control by the PC and driven by Servomotors;

## • ELECTRONIC, ROTARY DOBBY TRINCA TYPE R.E.Rz

Dobby type explanation:

- R = Dobby
- E = Electronically controlled
- R = Rotary

Suitable for driving from 2 to 52 heddle frames complete with:

- doobby driven and controlled by the PC;
- possibility of weaving with open shed and closed shed;
- possibility to put the heddle frames onto its "0" point;
- possibility to control and adjust manually each single frame;
- possibility to adjust the frame position as needed by each fabric pattern and function of frames in the upper or in the lower part;
- possibility of the frame standstill adjustments;
- possibility of the frame phase adjustment;
- fabric Multipattem.

## LOOM CONTROL DEVICE:

The complete loom control, all data settings and operating function adjustments are carried out by the TRINCA electronic control device and the especially developed TRINCA loom managing. All electronically and electric control devices are installed inside the main switchboard and all data's, as well as loom driving and control functions, are developed by an industrial PC with software windows CE.

