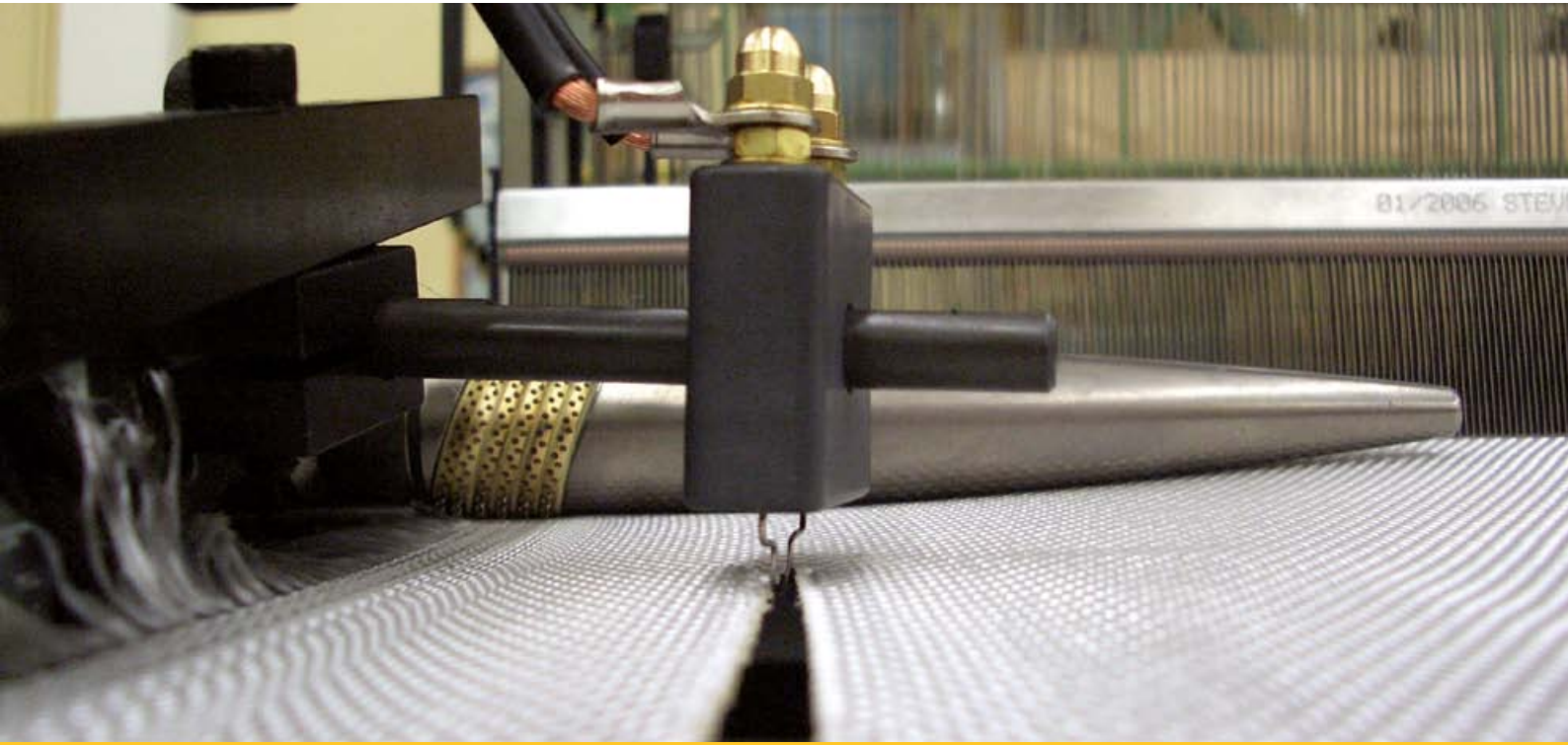




Loepfe



# WEFTMASTER® CUT-iT

Built to control

# Hot Wire Thermal Cutting goes Digital

## Features

- Information Display for instantaneous status check
- One unit controls up to four thermo cutters
- Relaunches Loepfe Weftmaster TC1S and TC1SH for the digital era
- DSP functionality ensures constant cutting energy
- Professional solution for hot-wire fabric separation
- User friendly interactive user interface
- Storage of 10 operation parameter sets
- Master-Slave function enables easy control of multiple cutter groups
- Controlled boost and stand-by temperature ensures fast start-up

## Applications

- Cutting and welding of thin, light to dense, heavy fusible fabrics
- Top quality selvages for airbag, geotextiles, carpet backing ...
- Up to four cutters at maximum temperature controlled with one unit
- Offered ex-factory-installed by several machine manufacturers
- Easy retrofit solution for all weaving machine types

## Benefits

- One CUT-iT controller drives all cutter variants available
- Runs from industry standard 24V power supply
- High-efficiency electronics ensures cooler device and long life
- Clean, sharp digitally controlled selvages
- Maintenance free control unit
- Microprocessor stabilized temperature control
- Fast heating at machine start
- Factory preset for each cutting wire type
- Intuitive user interface



# CLEAN SELVEDGES

## Hot Wire Cutters

Cutters with thermal and electrical insulating ceramic body

### Standard types

- Available in 0.5mm, 0.7mm and 1mm to perfectly match your application
- Flattened wire type covers most applications
- Long, round wire type to cover fabric guiding variations



*Flattened wire type*



*Long, round wire type*

### Types with Fabric pre-heating

- Pre-heating by parallel to fabric cutting wire
- Heat-accumulating ceramic base pre-heats high tension fabrics and allows clean cuts at lower temperature. (for airbag, PP-fabrics etc.)



*Parallel pre-heating*



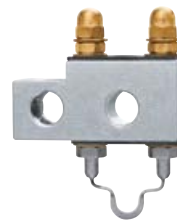
*Heat-accumulating ceramic*

### Special applications

- Welding type
- Steel body type for harsh environments
- Special design to cope with special mounting conditions
- Reinforced hot wire for heavy duty



*Welding type*



*Steel body*



*Special mounting*



*Reinforced for heavy duty*

«Top solution for technical fabrics»



# Loepfe

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WeftMaster is a registered trademark of Loepfe Brothers Ltd.

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### **Comprehensive solutions:**

LOEPFE WeftMaster, the comprehensive product range for all weaving machine types, for:

- weft insertion monitoring
- fabric quality optimisation
- machine stop reductions
- productivity increase
- and for perfect selvages

### **At highest level:**

- weft stop motions
- weft thread yarn brakes
- projectile brakes
- knot detectors
- bobbin feelers
- cutters for fusible fabrics
- thread yarn path monitoring – even beyond the weaving sector
- customized applications developed in close cooperation with machinery manufacturers (OEM)