



SUPER-SCREW
EVOLUTION[®]

PATENTED PRODUCT

 **MADE IN FRANCE**

Lacings / Heavy Industries

The major advantages of this new generation of SUPER-SCREW®

This brand-new patented splice has evolved to bring you fundamental improvements



Easier and faster to install

Seamless Integration :

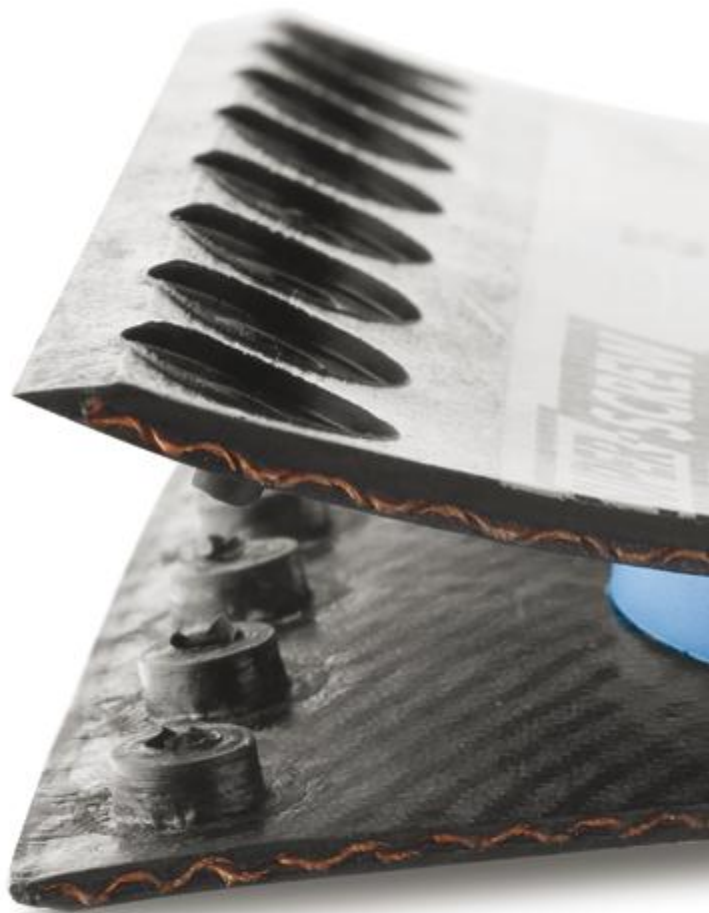
- Easier bias splicing
- Less screws for faster Installation
- Easier skiving
- New spacers for equal skiving size on both sides



Thinner and more resistant

New, stronger fabric :

- Better integration into the belt
- Improved breaking strength
- Higher abrasion resistance
- More flexible splice



Fully integrated

Better integration into the belt :

- Smaller pulley diameters
- Better compatibility with scrapers



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SUPER-SCREW® Evolution

The Original what is it?

The new generation of flexible splice to screw



Splice your belt simply with screws !

MLT is the original inventor and manufacturer of the **SUPER-SCREW®**, the only flexible screw splice, since 1994. Our desire to go further in innovation and to always meet your needs has led the **MLT** teams to create the **SUPER-SCREW® Evolution**.

When on-site, you are regularly exposed to field-based issues :

- need to minimize machine downtime as much as possible,
- difficult condition of access, harsh climatic conditions, challenged staff safety,
- overinvestment,
- need for skilled technicians leading to a lack of autonomy of the local staff, etc.

Screws allow the **SUPER-SCREW® Evolution** splice to be installed regardless of :

- the configuration of the conveyor,
- the conditions of access,
- weather conditions,
- temperature (from -30°C (-22°F) to 200°C (392°F) peak).

Furthermore, the screws are specifically designed as self-drilling and self-tapping : they separate the belt fibres without cutting. Sizes remain unchanged (identical to those used for **SUPER-SCREW®**).

This feedback inspires the **MLT** teams on a daily basis, and makes them think about improving our products to offer you solutions that are always at the cutting edge of innovation. Based on these observations, the **MLT** teams have developed a new generation of **SUPER-SCREW®**, a unique and innovative splicing solution for conveyor belts :

The **SUPER-SCREW® Evolution** is performant, innovative and easy to install!



70 years of experience in a product which is

FAST

STRONG

FLEXIBLE



SUPER-SCREW
EVOLUTION



Be convinced by the

EVOLUTION

SUPER-SCREW® Evolution ensures the continuity of your production

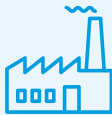
Efficient, innovative, easy to install !

ADVANTAGES

- Reduces downtime
- Optimizes significantly your productivity
- Easy and quick to install
- Compatible with all types of scrapers
- Compatible with small pulley diameter
- Temperature: from -30°C (-22°F) to 200°C (392°F) peak



Application fields



Heavy industries



Mines



Cement plants



Quarries
and surface mines

Two types of steel for screws and inserts



Steel screws and inserts

Highly resistant, the ideal choice in most situations :
Quarry, Cement factory, mine etc.



Stainless steel screws and inserts

Resistant to corrosive and saline environments :
Gold mines, Phosphate mines, Sorting center, Fertilizer plant, etc.



AVAILABLE RUBBER TYPES

SUPER-SCREW® Evolution in all environments

+ **SUPER-SCREW® Evolution** allows you to splice your conveyor belts, whatever your activity and your needs. Several materials are available depending on your needs and the most extreme conditions :

ABRASION RESISTANT

SUPER-SCREW® Evolution, designed with a high quality of rubber abrasion resistant 50 mm³, one of the most resistant, which answers the majority of your applications.



HEAT RETARDANT

SUPER-SCREW® Evolution can be installed on your heat retardant belt and will withstand temperatures from 170°C (338°F) to 200°C (392°F) peak.



FIRE RESISTANT

SUPER-SCREW® Evolution, manufactured with fire resistant surface ISO 340 and ISO 284, ensures your security in silos and underground mines.



HEAT RESISTANT

SUPER-SCREW® Evolution can be installed in systems with temperatures up to 150°C (302°F) continuous and 170°C (338°F) peak.



SUPER-SCREW[®]

EVOLUTION

OIL RESISTANT

SUPER-SCREW[®] Evolution is also available for oil resistant surface which resists oil and solvent.



VERY LOW TEMPERATURE

SUPER-SCREW[®] Evolution resists even at low temperatures until -30°C (-22°F) (-50°C (-58°F) on demand).



SLIDING BED / FRICTION BOTTOM

- **SUPER-SCREW[®] Evolution**, manufactured for sliding bed / friction bottom conveyor belts, is available in the **SUPER-SCREW[®] Evolution 35** and **63** with abrasion resistant or oil resistant rubber with steel inserts, in either 5 m or 25 m rolls.



For any support in the installation of our products or in the resolution of problems on your conveyor belt, you can benefit from our **HOTLINE service** in real time.

Registration on www.mlt-lacing.com/mlt-hotline

Installation tools

For a fast and easy installation



Tools for step-by-step support

Thanks to the installation templates for your **SUPER-SCREW® Evolution**, developed by **MLT**, you will be able to carry out your splices easily.

The screw selection tool will help you select the correct screw.

The **SUPER-SCREW® Evolution** installation template will guide you with the perfect angle for your SUPER-SCREW® EVOLUTION every time.

These charts are supplied with each **SUPER-SCREW® Evolution** package, in rolls or ready to use kits.





Cutting tool

To assist you in the preparation of the **SUPER-SCREW® Evolution** lacing, the MLT teams have developed a cutting aid. It consists of two distinct components :

- the cutting press itself,
- the hydro-pneumatic pump.

This press has interchangeable elements, to cut all MLT rubber products :

SUPER-SCREW® Evolution, **SUPER-SCREW®** and **FIX'N GO®**.

This cutting press is available as an option.



PS-15 skiver

The **PS-15** standard is a high quality skiving tool with an off and 4 heat settings.

This tool can skive on any part of your belt from 1.5 mm to a 15 mm depth. Each part is available as a spare part.



Cordless tool kit with skiver and driver

This pack provides you with ready-to-use tools to install most **MLT** products, including the **SUPER-SCREW® Evolution**, consisting of :

- a cordless belt skiver and accessories,
- a cordless powered driver and accessories,
- PPE, etc.

With a total of **17 elements included** in the pack, you will be able to complete your installations easily in record time.





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MLT Minet Lacing Technology

More than 70 years of innovation
at your service



Distributor logo



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