

# LSRS

## RETROFIT KIT/SMARTWIRE INSTALLATION

The EMSYS LSRS Retrofit kit is an all-in-one retrofit solution for reviving a belt with broken loops/antennas or adding LSRS and SmartWires to an existing conveyor belt to automatically scan for damage and rips ongoing.

A SmartWire can be installed in under an hour with the LSRS Retrofit kit, versus 4-6 hours for most other loop system replacements.

**The LSRS Retrofit comes with everything you need for retrofitting SmartWire system into your belt, including:**

- Rubber grooving/skiving tool with heated blade (10 pkg) to quickly skive the channel for the pre-laminated SmartWires
- A Field-portable Vulcanizing Press
- Control box to power and control the skiver and vulcanizer

### SPECIFICATIONS:

#### VULCANIZER

Bar Length:  
Max 1500 mm  
(60") belt width  
PSI: 100 PSI  
Total Weight:  
~31.75 Kg (70 Lbs.)  
Other: Pressure bag and platens included

#### LSRS GROOVING/ SKIVING TOOL

Power: 1000 W  
Voltage: 230 V  
Frequency: 50-60 Htz  
Cable length: 1.75 M (5.74')  
Total Weight: 6.5 kg (14.33 Lbs.)  
Blades: 10 pkg C6 20-28mm (0.8" - 1.1")  
Other: 5 heat settings, 1 year warranty

#### CONTROL BOX

Amperage: 30  
Voltage 110 V – 230V  
Phase: Single phase  
Dimensions: 18.7" (475 mm) x 7" (178 mm) x 14.8" (376mm) Total Weight: 11 Kg (24 Lbs.)  
Other: Temperature and Pressure controls and readings for vulcanizing.



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Shaw Almex  
Europe B.V.  
☎ 31 646648648

Shaw Almex  
Industries, Canada  
☎ 1 905 643 7750

Shaw Almex  
Industries, Canada  
☎ 1 705 746 5884

Shaw Almex  
Fusion, LLC, U.S.A.  
☎ 1 404 292 8600

Shaw Almex  
Africa (Pty) Ltd.  
☎ 27 11 794 8262

**ALMEX**  
GROUP  
www.almex.com 1.800.977.5423