



Industrie

WK-VULCANIZING PRESS SYSTEM

REMA TIP TOP stands for innovative development in conveyor belt splicing technology. Our accumulated expertise has produced intelligent solutions for on-site conveyor belt splicing. Our goal is to minimize downtime and increase productivity. In order to achieve these targets utilize the capabilities of our **WK-Vulcanizing Press System**. The unique **WK-Vulcanizing Press System** combines the benefits of general hot splicing systems yet reduces vulcanizing time considerably. Compared to traditional hot vulcanizing presses, the **WK-Press** is smaller, lighter and consumes less energy. The **WK-Vulcanizing Press System** is the ideal solution when it comes to safe and cost-efficient splicing of fabric-reinforced conveyor belts with low and medium tensile strengths.

Application areas

Standard conveyor belts:

Splicing of single or multi-ply conveyor belts with fabric plies up to belt type EP1250/5 (DIN 22102) and rubber covers with polymer base:

- Natural Rubber NR
- Styrene Butadiene Rubber SBR
- Isoprene Rubber IR
- Butadiene Rubber BR
- Or other blends of the above rubbers e.g. NR/SBR

Belt widths:

- WK 800 for belt widths up to 800 mm
- WK 1200 for belt widths up to 1200 mm

Power Supply:

- WK 800: 230 V
- WK 1200: 415 V



On-site operation of WK-Vulcanizing Press System



Operation areas

- Stationary, in the workshop
- On-site (quick installation)

Advantages

- Belt-friendly, low-temperature vulcanization (approx. 120 °C / 230°F)
- Short warm-up intervals
- Short vulcanization periods
- Short cooling time
- Low energy consumption
- Consists of only 4 components: Top/bottom press body, pressure compensation pad, torque wrench
- Suitable for splicing geometries of 0°/16°/22°

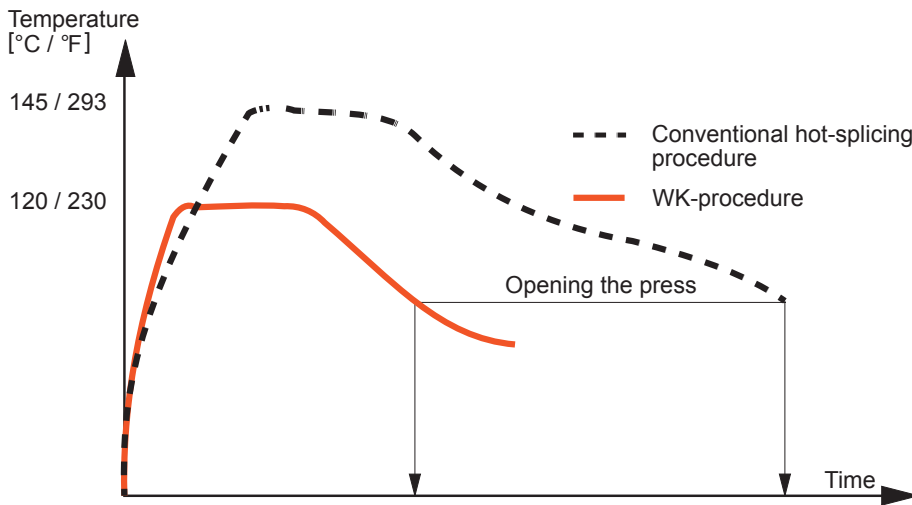


ONE BRAND – ONE SOURCE – ONE SYSTEM

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The diagram above shows the temperature curve over time when splicing an EP400/3 conveyor belt. The short heating and cooling periods of the WK system are apparent when compared to the conventional vulcanization procedure.

Technical Data

Type	WK-Press 800	WK-Press 1200
Ref. No.	595 3137	595 3146
Dimensions of heating plates	1 200 x 350 mm	1 470 x 470 mm
Weight of bottom press body	42 kg	83 kg
Weight of top press body	52 kg	100 kg
Wattage/Power	2 x 1.5 kW	2 x 3.2 kW
Power Supply	230 V - 50 Hz	415 V - 50 Hz

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