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REMA TIP TOP - WK Vulcanizing System

The lightweight, low temperature vulcanizing press that provides the ideal solution for safe and cost efficient splicing of fabric conveyor belts.

WK VULCANIZING SYSTEM

KEY ADVANTAGES

LOW ENERGY CONSUMPTION

Runs off a single phase power. Reduces energy costs.

EASY REMOTE USE

Press operates without need for air pressure or cooling water, reducing the need to find sources for air and water in remote locations.

LIGHTWEIGHT

WK System allows for easy and safe transportation on site.

CONSISTENT MECHANICAL PRESSURE

Clamping mechanism with adjustable torque replaces air bags that can have inconsistent pneumatic pressures.

Required vulcanizing pressure exerted with a torque wrench through simple spindle-lever tightening system, avoiding inconsistent pneumatic pressures.

Metal pressure pad filled with highly thermal conductive gel, which expands as the press reaches max temp; creates equal pressure over entire splice area.

Pressure compensation pad ensures even & steady temperature distribution.

PRODUCT OVERVIEW

- The WK press is equipped with capillary tube control units to ensure exact temperature control, no control box to damage
- Thermostat controls are preset and protected internally
- Belt friendly, low temperature vulcanization (approx. 120°C / 230°F)
- Short vulcanization periods
- Low energy consumption
- Suitable for splicing geometries of 0°, 16° and 22°
- Single or multi-ply fabric conveyor belts up to 440 PIW
- Rubber covers with polymer bases:
 - Natural Rubber (NR)
 - Styrene Butadiene Rubber (SBR)
 - Isoprene Rubber (IR)
 - Butadiene Rubber (BR)
 - or blends of the above polymers

WK INTERMEDIATE RUBBER (TIE GUM)

Red protection foil (poly)

Part Number	527 0529	
Dimensions	1/32" x 19" x 32'-9"	
Polymer Basis	NR/SBR	DIN ISO 1629
Specific Weight	1.08 g/cm ³	DIN EN ISO 1183-1
Hardness	59 Shore A	DIN ISO 7619-1
Color	Black	

WK COVER RUBBER (COVER STOCK)

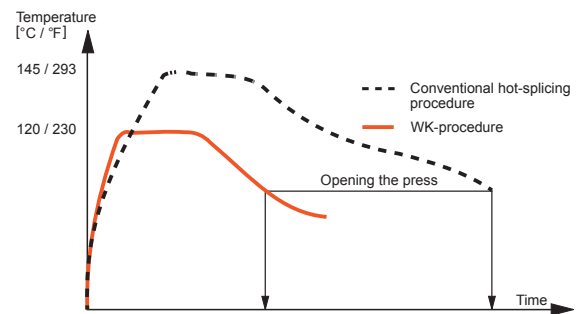
Red protection foil (poly)

Part Number	527 0536	
Dimensions	5/64" x 19" x 16'-4"	
Polymer Basis	NR	DIN ISO 1629
Specific Weight	1.11 g/cm ³	DIN EN ISO 1183-1
Hardness	63 Shore A	DIN ISO 7619-1
Color	Black	

WK SOLUTION HL-WK4 PLUS

1C-solution, no hardener needed

Part Number	527 0615	500 g
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The diagram above shows the temperature curve over time when splicing an EP 400/3 conveyor belt. The short heating and cooling periods of the WK system are apparent when compared to the conventional vulcanization procedure.

The curing time is 30 mins up to a belt thickness of 3/8" and 3 mins per 1/32" for thicker belts.

TECHNICAL DATA

Part Number	Description	Belt Width	Heating Plate Dimensions	Weight of bottom press body	Weight of top press body	Power/Wattage	Power Supply
595 3138	WK Vulcanizing Press 800	32"	47" x 13-3/4"	92.5 lbs	114.6 lbs	2 x 1.5 kW	230 V 50 Hz
595 3145	WK Vulcanizing Press 1200	48"	58" x 18-1/2"	183 lbs	220 lbs	2 x 3.2 kW	230 V 50 Hz
595 3146	WK Vulcanizing Press 1200	48"	58" x 18-1/2"	183 lbs	220 lbs	2 x 3.2 kW	400V 3PH

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