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REMA TIP TOP VULCANIZING PRESSES
REMAPRESS IVE





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VULCANIZING PRESS WITH COMPRESSED AIR PRESSURE BAG



Vulcanizing presses REMAPRESS IVE (REMA TIP TOP AG reserves the right to make technical changes)





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REMA TIP TOP INNOVATIONS

- Vulcanizing press approved by TUEV
- TUEV-tested REMA TIP TOP pressure bag with aramid inserts
- High-strength aluminum crossbeams for minimal deflection with reduced weight
- Requires 20% less liquid for faster pressure buildup
- Tension bolt with protected and sealed thread
- Increased carrying comfort due to rotating handle
- Transport-secured plug-in connection cables





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TENSION BOLT THREAD PROTECTED AGAINST DAMAGE AND SEALED TO PREVENT CONTAMINATION



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ORIENTED TO THE CUSTOMER

The presses produced and distributed by REMA TIP TOP are each manufactured to customer-specific requirements for all belt widths, linkage lengths, combinations, tensions and variants.





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REMAPRESS TYPE IVE COMPONENTS

1. Crossbars

- Light crossbars in high-tensile strength aluminum alloy

2. Pressure system

- Even surface pressure across pressure cushion

3. Heating plates

- Extruded cooling cross-section
- Intermediate plate vulcanized onto silicone heating mat
- Insulation plate
- Cover

4. Control unit

- With LED indicator, optionally with data recording
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PRESSURE SYSTEM PRESSURE BAG

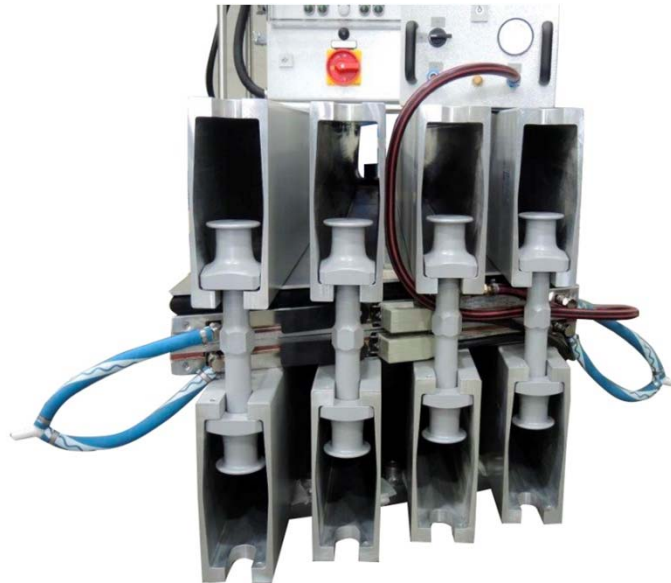
This pressure system generates an absolutely even surface pressure onto the splice. Warping is balanced out during splicing, even when mating a new and older worn conveyer belt.





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CROSSBAR SECTIONS 300 MM HEIGHT



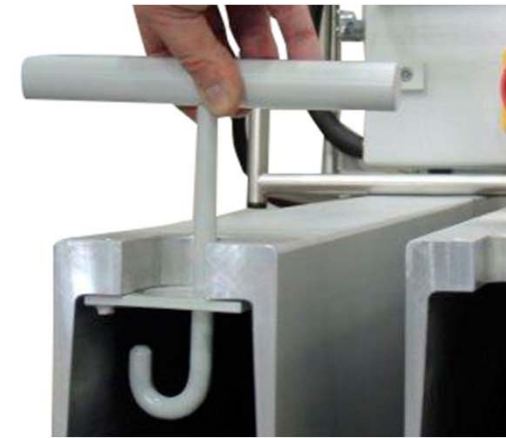
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ROTATING HANDLE - FOR CARRYING CROSSBAR SECTIONS AND HEATING PLATES



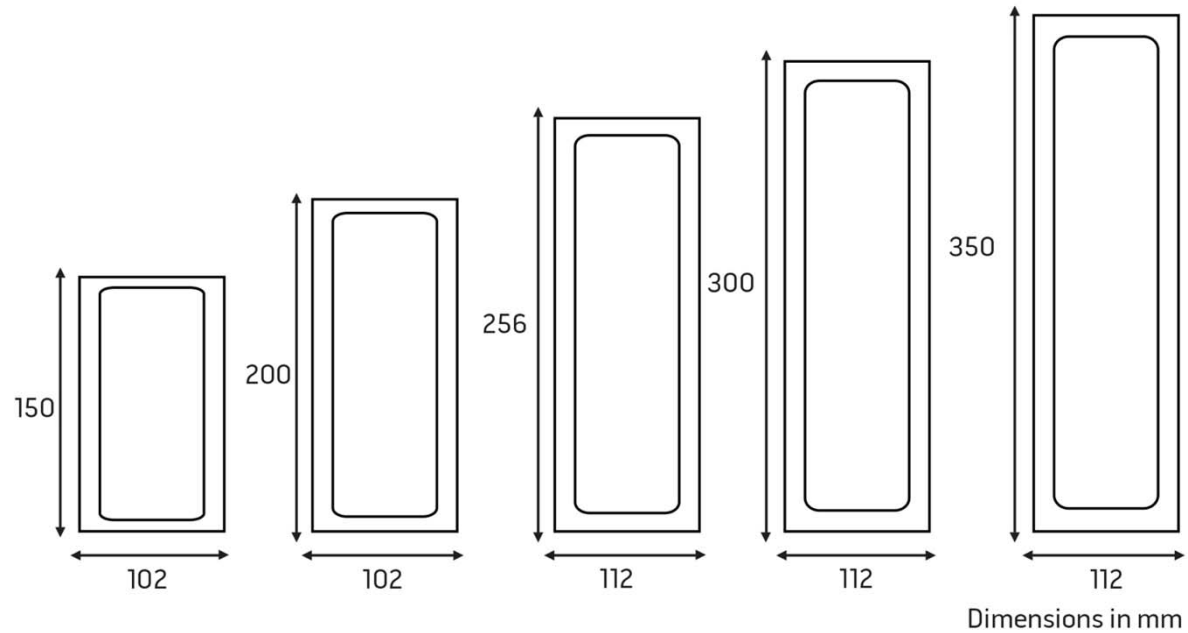
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CROSSBAR SECTIONS – AVAILABLE SIZES



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COMPRESSED AIR SYSTEM

1. Pressure bags for compressed air with safety valve

- TUEV approved
- Sturdy rubber pressure bags with aramid reinforcement
- Available in rectangular shape 90°, rhombic 16° 42' or 22°
- Uniform pressure distribution by means of the pressure bag
- Compressed air is used as the pressure medium
- Pressure regulation up to max. 70 N/cm² (100 psi)

2. Compressed air control unit

- Surface pressure up to max. 70 N/cm² (100 psi)
- Incl. safety valve and pressure gauge





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PRESSURE BAG WITH COMPRESSED AIR CONNECTION AND SAFETY VALVE



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COMPRESSED AIR CONTROL UNIT



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WATER/GLYCOL PRESSURIZED SYSTEM

Portable pressurized water system

- Pressure medium: water/glycol mixture
- Capacity: 16 l/min
- Weight: ca. 45 kg
- Tank size: 30 or 50 liters
- Pressure range: 70-140 N/cm² (100-200 psi)
- Includes safety valve, digital pressure indicator and digital pressure control
- 400 V, 3/N/PE 50 Hz (other voltages on request)
- Complete with protective case, carrying handles and attachment point





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WATER/GLYCOL PRESSURIZED SYSTEM

Portable pressurized water system

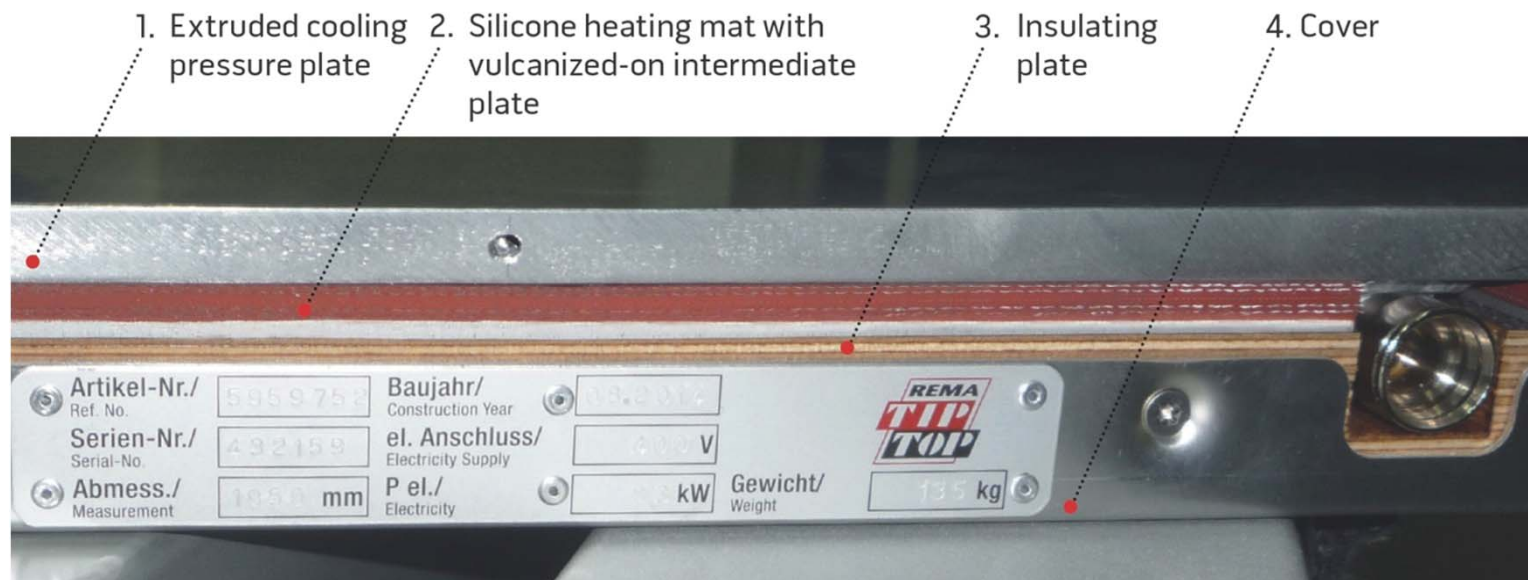
- Pressure medium: water/glycol mixture
- Capacity: 16 l/min.
- Weight: ca. 100 kg
- Tank size: 110 liters
- Pressure range 70-140 N/cm² (100-200 psi)
- Includes safety valve, digital pressure indicator and digital pressure control
- 400 V, 3/N/PE 50 Hz (other voltages on request)
- 100 liter tank available (portable without pump)





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HEATING PLATE WITH SILICONE HEATING MAT - FLEXIBLE HEATING PLATES



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HEATING PLATE WITH SILICON HEATING MAT

Flexible heating plates

- Available in rectangular shape 90° rhombic 16° 42' or 22°
- Lightweight
- Suitable for either air or water cooling
- Flush-fitting heating plate connection with plug lock and protective cap
- Fast heating up time
- Fast cooling down time through extruded cooling channels when water-cooled
- Optimal pressure and temperature distribution





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CONTROL BOX WITH DATA RECORDING AND LED ILLUMINATION



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ELECTRONIC CONTROL BOX WITH DATA RECORDING

- The particular model of control box required depends on the number of heating plates
- Exact temperature measurement within the heating plates through use of PT 100 thermal sensor
- Control box with touch panel and data recording, visualization of temperature of each heating plate, current pressure bag pressure, external temperature, humidity and target/actual vulcanizing time value
- Manual operation possible if electronic control fails
- Differential monitoring of the individual heating circuits +/- 2.5 k
- USB interface for data transfer
- End of vulcanizing time signaled optically





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CONTROL BOX WITH DATA RECORDING

Optionally available with WLAN modem, included software enables real-time display on Windows laptop or tablet, vulcanization log output as PDF





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STANDARD 2015 PRODUCT PORTFOLIO

		Splice length					
		600		800		1000	
		Air	Water	Air	Water	Air	Water
Belt width	650	X					
	800	X	X	X	X	X	
	1000	X		X	X	X	X
	1200	X		X	X	X	X
	1400	X	X	X		X	X
	1600				X	X	

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// MATERIAL PROCESSING
// SURFACE PROTECTION
// AUTOMOTIVE

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