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# Vulcanising Machines

Our complete range of Vulcanising Machines.

# Vulcanising Machines

Presses

4



## VULCANIZING MACHINES

### Presses

#### Presses

##### REMAPRESS IVE

New vulcanizing presses "REMAPRESS IVE" with pressure bags, heating plates and silicone heating mats developed and marketed by REMA TIP TOP impress with highest quality features, application oriented design and certification by German TÜV. They are universally appropriate for all fabric or steel cord conveyor belts.

- REMA TIP TOP pressure bag with aramid inlays certified by German TÜV
- Heating plate connection protection class IP 64 certified by German TÜV
- Evenly heat distribution through various heat zones at the edge and in the middle
- Pressure system up to 70 N / cm<sup>2</sup> with compressed air pressure and up to 140 N / cm<sup>2</sup> with water pressure
- 20% less liquid requirement, therefore faster build-up of pressure
- Lightweight, high-strength crossbeams made of aluminium with 20% less deflection
- Despite being made of high-strength steel, the tension bolts weigh 2 kg less apiece than conventional steel tension bolts

##### REMAPRESS IVE FLUID

For pressures up to 140 N/cm<sup>2</sup> (200 Psi)

Ref. No.	Designation	Belt Width	Splicing Length
595 9480	REMAPRESS IVE FLUID 800-600 16.7	800 mm	600 mm
595 9640	REMAPRESS IVE FLUID 800-800 16.7	800 mm	800 mm
595 9650	REMAPRESS IVE FLUID 1000-800 16.7	1000 mm	800 mm
595 9670	REMAPRESS IVE FLUID 1200-800 16.7	1200 mm	800 mm
595 9700	REMAPRESS IVE FLUID 1600-800 16.7	1600 mm	800 mm
595 9660	REMAPRESS IVE FLUID 1000-1000 16.7	1000 mm	1000 mm
595 9680	REMAPRESS IVE FLUID 1200-1000 16.7	1200 mm	1000 mm
595 9690	REMAPRESS IVE FLUID 1400-1000 16.7	1400 mm	1000 mm



Other dimensions available on request.

## VULCANIZING MACHINES

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##### REMAPRESS IVE AIR

For pressures up to 70 N/cm<sup>2</sup> (100 Psi)

Ref. No.	Designation	Belt Width	Splicing Length
595 9460	REMAPRESS IVE AIR 650-600 16.7	650 mm	600 mm
595 9470	REMAPRESS IVE AIR 800-600 16.7	800 mm	600 mm
595 9490	REMAPRESS IVE AIR 1000-600 16.7	1000 mm	600 mm
595 9540	REMAPRESS IVE AIR 800-800 16.7	800 mm	800 mm
595 9580	REMAPRESS IVE AIR 1200-600 16.7	1200 mm	600 mm
595 9560	REMAPRESS IVE AIR 1000-800 16.7	1000 mm	800 mm
595 9590	REMAPRESS IVE AIR 1200-800 16.7	1200 mm	800 mm
595 9610	REMAPRESS IVE AIR 1400-800 16.7	1400 mm	800 mm
595 9550	REMAPRESS IVE AIR 800-1000 16.7	800 mm	1000 mm
595 9570	REMAPRESS IVE AIR 1000-1000 16.7	1000 mm	1000 mm
595 9600	REMAPRESS IVE AIR 1200-1000 16.7	1200 mm	1000 mm
595 9620	REMAPRESS IVE AIR 1400-1000 16.7	1400 mm	1000 mm
595 9630	REMAPRESS IVE AIR 1600-1000 16.7	1600 mm	1000 mm



Other dimensions available on request.

##### Electronic control cabinet

- Design of required control cabinet depends on number of heating plates
- Exact temperature measurement inside of heating plates via double PT 100 electronics sensor with digital display of set point temperature and real value temperature
- Quick programming of electronic temperature controllers
- In case of electronic control failure switch to manual operation mode
- Digital automatic timer
- Monitoring of differences between the single heating circuits +/- 2.5 K
- Optical signal shows end of vulcanizing time
- Protection class IP 44



Technical modification reserved

## VULCANIZING MACHINES

### Presses

#### Electronic control cabinet with data recording

- Exact temperature measurement inside of heating plates via double PT 100, display on touch panel
- Enclosed software for the composition of a vulcanization protocol as a PDF document
- In case of electronic control failure switch to manual operation mode
- Monitoring of differences between the single heating circuits +/- 2.5 K
- USB interface for data transfer
- Optical signal shows end of vulcanizing time
- Optionally equipped with WLAN module for real-time display on MS Windows notebook or tablet
- Illuminated control panel
- Protection class IP 44
- Menu navigation (DE/EN/ES/FR)

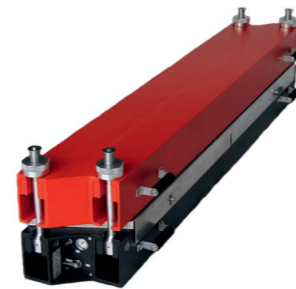


Technical modification reserved

#### REMAPRESS PBP - Tension unit

REMAPRESS PBP (Pneumatic Belt Press) is the first tension unit in the world especially designed for use in the cold bonding of fabric-ply belts (from a strength class of EP 1000/5 upwards or a covering ratio from 10:4 on).

- For fabric-ply belts up to 2200 mm width
- Extremely robust pressure cushion
- Includes mobile compressor
- Operating voltage 220 Volt



Ref. No.	Designation	For belt width
595 3310	REMAPRESS PBP	1400 mm
595 3320	REMAPRESS PBP	1800 mm
595 3330	REMAPRESS PBP	2200 mm

#### WK vulcanizing press

For safe and cost-efficient splicing of fabric-reinforced conveyor belts of low or medium strength class up to EP 1250/5 (multiple vulcanizing cycles).

Ref. No.	Designation	For belt width
595 3138	WK vulcanizing press 800, 230 V, with pressure compensation pad	up to 800 mm
595 3145	WK vulcanizing press 1200, 230 V, with pressure compensation pad	up to 1200 mm
595 3152	Pressure compensation pad 800	
595 3169	Pressure compensation pad 1200	
595 3183	Torque wrench	
527 0550	Silicone paper, 25 m roll	



595 3138



595 3183

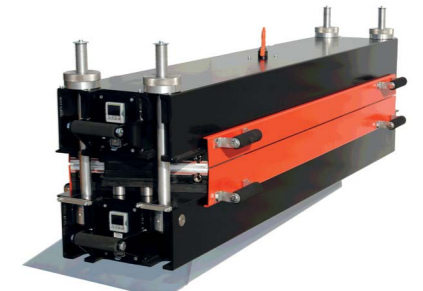
## VULCANIZING MACHINES

### Presses

#### REMAPRESS CRO

The REMAPRESS CRO system is the ideal solution for safe and cost-efficient splicing of fabric-reinforced conveyor belts of low or medium strength class up to EP 1250/5 (according to DIN 22102) (multiple vulcanizing cycles).

- Easy installation and removal
- Short heating time due to excellent insulation
- Optional water cooling system for even shorter cooling
- Electronic temperature control
- Silicone heating elements
- Pressure bag with aramide reinforcement, 7 bar / 102 psi
- Welded aluminum frame construction
- Voltage: 400 V
- Adjustable temperature range: 100 - 175 °C / 212 - 347 °F
- Specific surface pressure: 70 N/cm<sup>2</sup>



Ref. No.	Designation	For belt width	Weight
595 5140	REMAPRESS CRO 65-350	650 mm	89 kg
595 5150	REMAPRESS CRO 65-540	650 mm	108 kg
595 5160	REMAPRESS CRO 80-350	800 mm	103 kg
595 5170	REMAPRESS CRO 80-540	800 mm	133 kg
595 5180	REMAPRESS CRO 100-350	1000 mm	140 kg
595 5190	REMAPRESS CRO 100-540	1000 mm	174 kg
595 5200	REMAPRESS CRO 120-350	1200 mm	180 kg
595 5210	REMAPRESS CRO 120-540	1200 mm	200 kg
595 5130	Water cooling equipment, for REMAPRESS CRO includes barrel with cover 120 l, submersible pump, cooling water feeding and return hoses, 2-way distributor		
595 5110	Mobile compressor, for REMAPRESS CRO Motor: 1.5 kW / 230 V / 50 Hz - Volume of pressure vessel: 10 l - max. pressure: 10 bar - suction volume: 250 l/min.		



## LEGAL NOTICE

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All information is given to the best of our knowledge. All specifications are to be considered non-binding information. Any claim for damages of any kind is excluded. We reserve the right to change technical specifications without prior notice, provided that they ensure product improvement. The information presented is based on technical experience but does not guarantee a product's suitability for specific applications, and does not relieve the users of the responsibility to undertake their own testing, including where any third-party trademark rights are concerned. For special applications and operating conditions with regard to temperature, UV light, ozone, acids and alkaline solutions, dynamic and static forces, tensions, elongations and other influences, contact your local REMA TIP TOP distributor for technical advice.

Operating and working instructions, product information and general instructions on the vulcanization properties of natural and synthetic rubber should be followed carefully. The mechanical and physical values presented for our products only apply to the material listed (without bonding layer and without fabric) based on the accompanying inspections for approval; these represent statistical product data, but not guaranteed product properties. Detailed technical data sheets for each single product are available upon request. The weight indications (kg/m<sup>2</sup>, kg/m, etc.) solely represent statistical values and are not necessarily identical to the actual weights. The weights indicated are merely guidelines for the handling, transport and application of our products. The dimension tolerances are based on part 5 of DIN 7715, classification P3 (admissible dimension tolerances for sheets) and DIN ISO 3302-1, classification M4 (molded parts made of soft-rubber). Other tolerances of specific products for special applications are subject to a mutual agreement and must be stipulated in a special contract. Products containing hazardous substances are labeled in accordance with the regulations (EG) No. 1907/2006 for the

classification, packaging and labeling of hazardous materials and preparations.

In order to preserve product properties, the storage conditions indicated in DIN 7716 should be followed (including storing the product in the original package and in an area that is dry, cool and dark).

Products printed in bold are normally available from stock.

# Talk to our team today

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