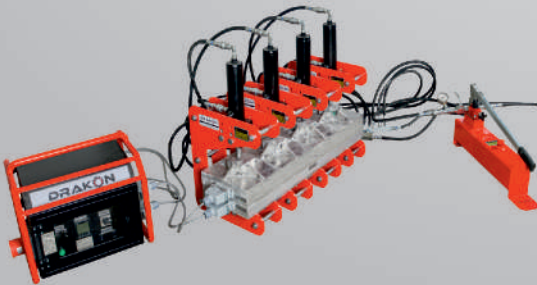
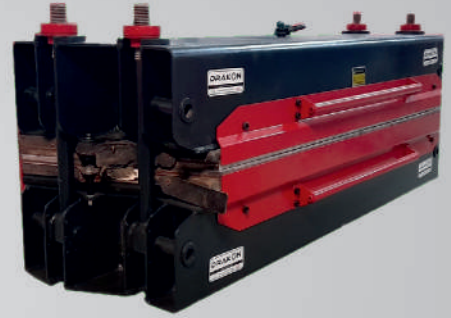
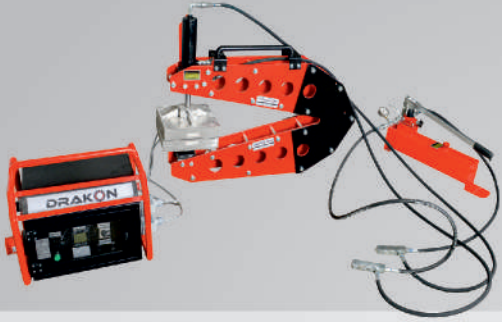


DRAKON

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NEVON

MAKINA İMALAT İHRACAT SANAYİ VE TİCARET LTD. ŞTİ.

HYDRAULIC Vulcanizing Press



TRAVERSES

Scope of delivery:

Hydraulic pressure system

- special profile made of high-alloy aluminum
- maximum tensile and bending strength with
- durable hoses to high pressure
- High pressure light metal cylinders. Optimized for the vulcanizing press, which distributes the pressure evenly.



PUMPS

Scope of delivery:

- Manufacturer's warranty
- Reciprocating, pistonless hand pump or motor pump
- High-pressure hoses
- Hydraulic oil

Reciprocation piston hand pump

- Pressure limited to 150 bar
- Oil filling 8 liter (usable oil volume = 6,8 liter)
- Pressure gauge for pressure control

Motor-driven pump unit

- Pressure limited to 150 bar
- Tubular protective frame, Couplings of pressure hoses and supplied with valves
- 220 V, 50 Hz (It can be produced optionally according to the desired voltage.)
- Capacity 1,1 kW
- Filling volume hydraulic oil: 17 liter or 35 liter
- Hose distributor matches the number of traverses



Vulcanizing Press

Hydraulic Vulcanization

- Durable and strong structure
- long life

Specifications

- The traverse profile provides a high level of security by threading the pulling bolts.
- Traditional, robust heating plates combined with hydraulics, pressure systems allow splicing even on partially worn belts
- air or water cooled heating plate (Optional)
- Full temperature regulation via electronic control panel
- Hand pump or motor pump unit



Heating plates

- frame type construction heating plates made of high quality corrosion resistant aluminum alloy
- shape: rhombus 16° 42'; 22°, rectangular 90°
- optionally available with air and/or water cooling
- rugged, flush-mounted or open-mounted high-security receptacles
- optimum pressure and temperature distribution
- minimum temperature tolerance over the entire heating plate
- to compensate for heat losses in the edge areas (edges)

A greater heating capacity is provided in the edge region of the heating plates than in the core area.

- the heating capacity is calculated uniformly.



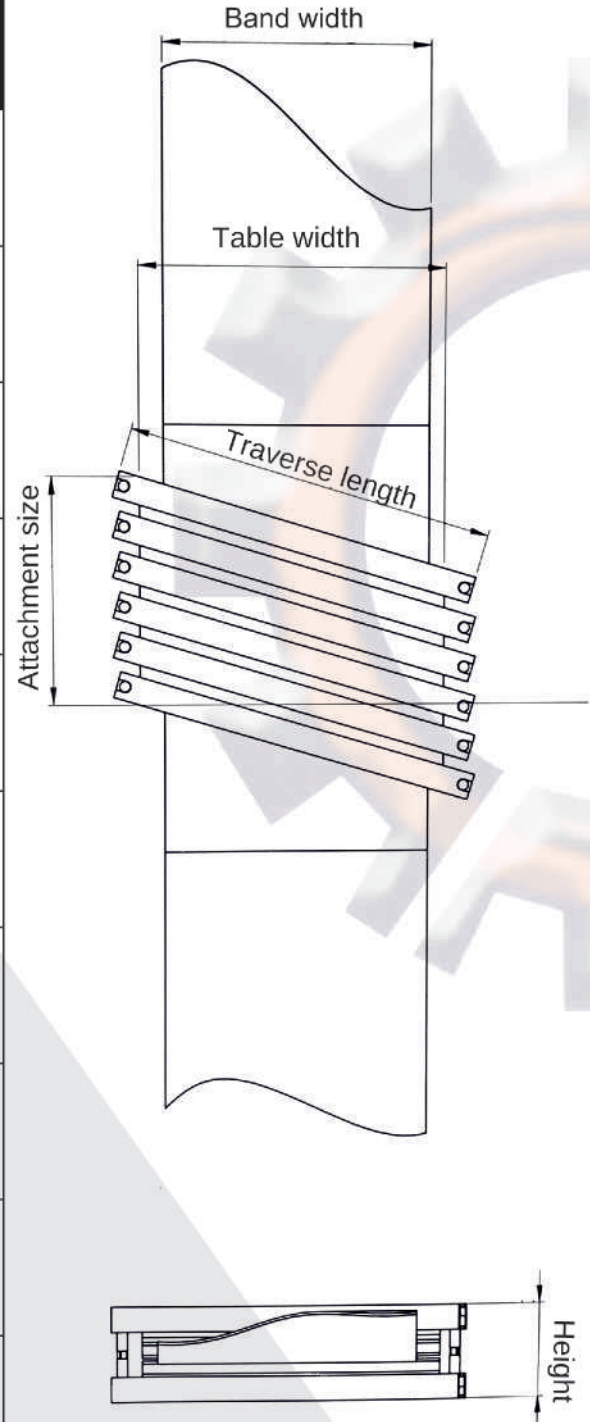
Vulcanizing Press

Control panel with electronic temperature control system

- Electrical connection in accordance with CE standards
- exact temperature reading on each heating plate via thermo sensor PT 100
- electronic controller with digital setpoint and actual display temperatures
- fast and simple programming of electronic temperature control
- manual operation possible in case of electronic controller failure
- controller tolerance is only 3% of set value (example: at 145 °C, tolerance at approx. 4.5 °C)
- timer
- differential control of individual heating circuits
- optional: three-phase current at 400 Volts or single-phase power socket.



TYPE	OPERATING VOLTAGE, PHASE DISTRIBUTION	TOTAL POWER (Kw)	MACHINE DIMENSIONS	MAXIMUM ADDITIONAL BANDWIDTH	ADDITIONAL LENGTH
NVHVP800700	220 V, 3 Phase+N+PE (OPTIONAL)	8	1200x700x510	800	700
NVHVP1000850	220V, 3 Phase+N+PE (OPTIONAL)	11	1400x850x510	1000	850
NVHVP1200850	220 V, 3 Phase+N+PE (OPTIONAL)	12	1600x800x510	1200	850
NVHVP1400850	220V, 3 Phase+N+PE (OPTIONAL)	14	1800x850x510	1400	850
NVHVP1600910	220 V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	2000x910x510	1600	910
NVHVP1800	220V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	1800	OPTIONAL
NVHVP2000	220 V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	2000	OPTIONAL
NVHVP2200	220V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	2200	OPTIONAL
NVHVP2400	220 V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	2400	OPTIONAL
NVHVP3000	220V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	3000	OPTIONAL



Vulcanizing Press

PRESSURE BAGGED Vulcanizing Press



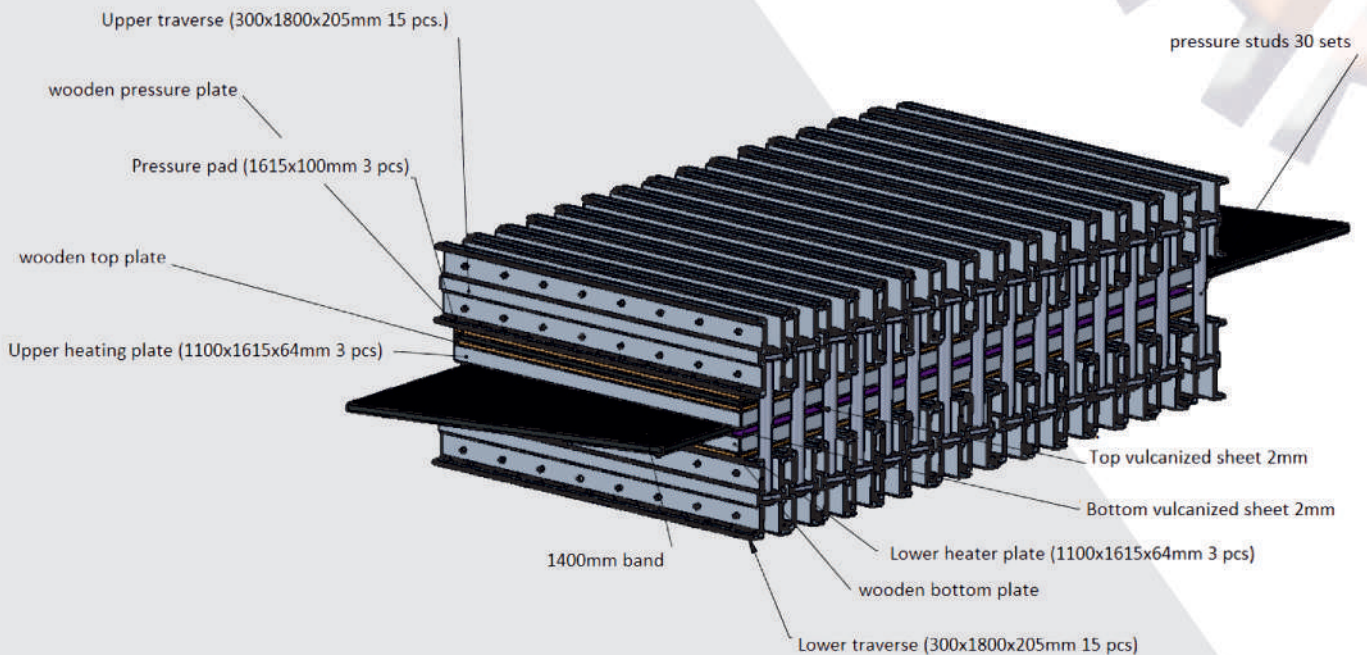
PRESSURE BAGGED Vulcanizing Press

Heating Plates

- It is easy to carry as there is no extra load on the sleepers.
- Safety pressure pump
- Structural flexible pressure pad
- Shape: rhombus 16° 42'; 22°, difference 90°

Pressure Bag System Traverses

- Lightweight sleepers made of high-strength aluminum
- Maximum tensile and bending strength with minimum weight
- Safety pins due to high pressure



Vulcanizing Press

PRESSURE BAGGED Vulcanizing Press

Certified Pressure bag

- Robust rubber pressure bags with aramid reinforcement
- Shape: rhombus 16° 42'; 22°, rectangular 90°
- Even pressure through the use of pressure bags
- Air pressure or a water/glycol mixture can be used as a pressure medium
- max. 70 N/cm² (100psi)
- when using water/glycol mixture surface pressure max. 140 N/cm² (200psi)

Various systems are available for pressure build-up

Air Control Box:

- pressure medium: water
- max. 70 N/cm² (100 psi)

Pressure Water Pumps :

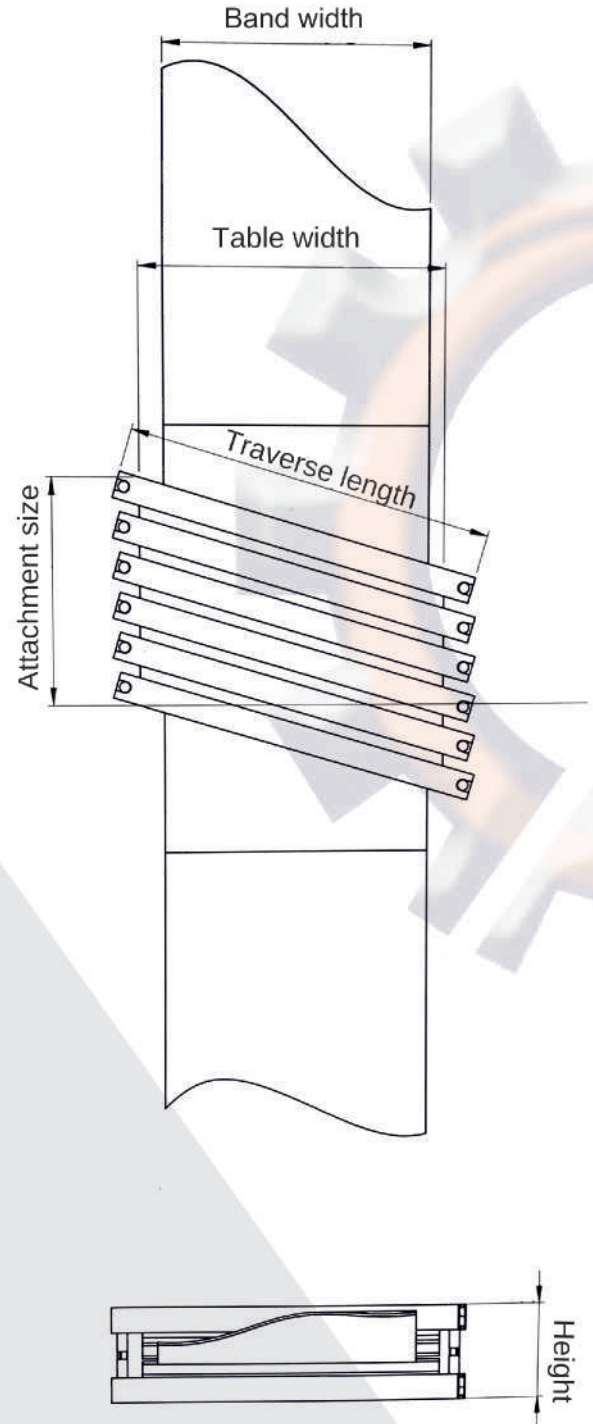
- pressure medium: water/glycol mixture
- pressure range: 70 - 140 N/cm² (100–200 psi)
- with safety valve and pressure gauge
- also suitable for emptying pressure bags
- 400 V, 50 Hz (It can be produced optionally according to the desired voltage.)

Portable

- capacity: approx. 9 liters/min • approximate weight. 25kg • complete with tubular frame • additional tank (30 or 50 liters) required
- capacity: approx. 15 liters/min • approximate weight. 54 kg • with protection frame • additional tank (up to 50 liters) required



TYPE	OPERATING VOLTAGE, PHASE DISTRIBUTION	TOTAL POWER (Kw)	MACHINE DIMENSIONS	MAXIMUM ADDITIONAL BANDWIDTH	ADDITIONAL LENGTH
NVSVP800700	220 V, 3 Phase+N+PE (OPTIONAL)	8	1200x700x510	800	700
NVSVP1000850	220V, 3 Phase+N+PE (OPTIONAL)	11	1400x850x510	1000	850
NVSVP1200850	220 V, 3 Phase+N+PE (OPTIONAL)	12	1600x800x510	1200	850
NVSVP1400850	220V, 3 Phase+N+PE (OPTIONAL)	14	1800x850x510	1400	850
NVSVP1600910	220 V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	2000x910x510	1600	910
NVSVP1800	220V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	1800	OPTIONAL
NVSVP2000	220 V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	2000	OPTIONAL
NVSVP2200	220V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	2200	OPTIONAL
NVSVP2400	220 V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	2400	OPTIONAL
NVSVP3000	220V, 3 Phase+N+PE (OPTIONAL)	OPTIONAL	OPTIONAL	3000	OPTIONAL



Vulcanizing Press

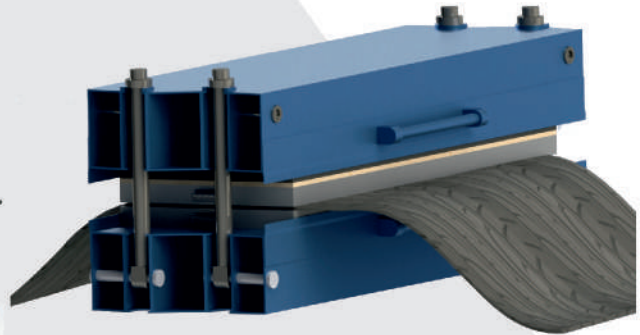
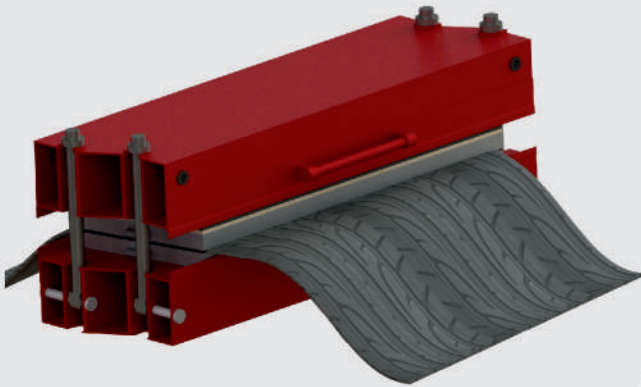
COMPACT Vulcanizing Press



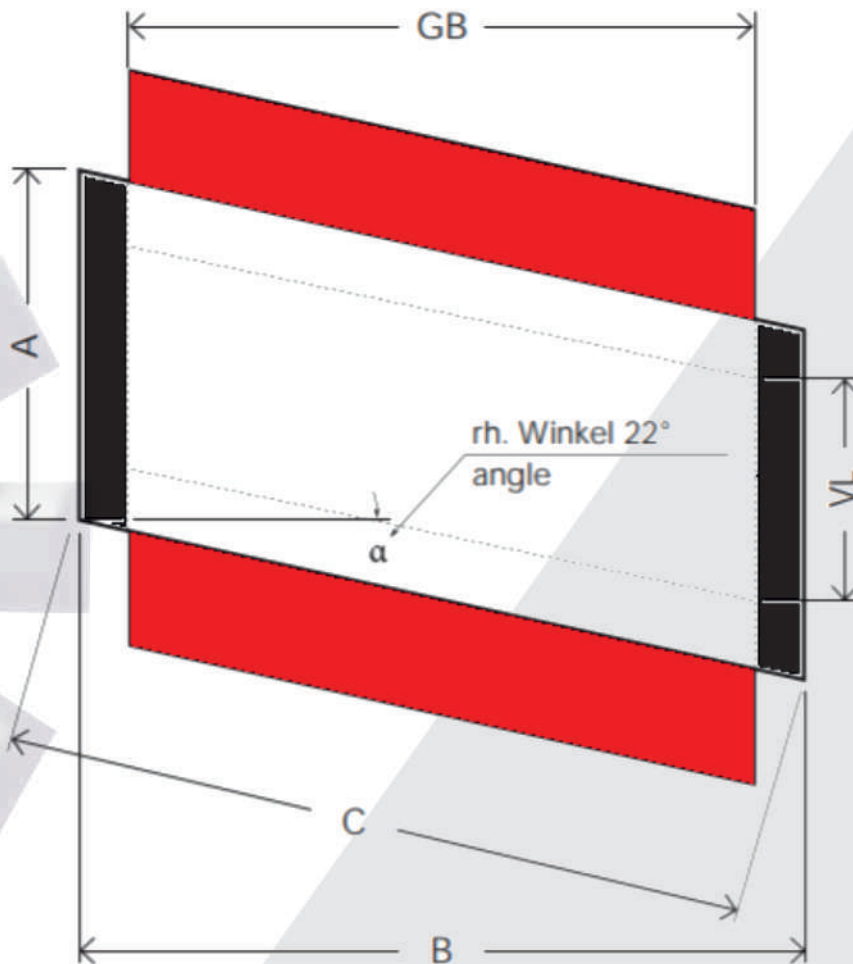
COMPACT Vulcanizing Press

Features

- two-piece welded aluminium frame construction
- quick assembly and disassembly
- two-piece unit with silicone ya da çubuk heating element
- sturdy Aramid reinforced pressure bag
- electronic temperature control
- adjustable temperature from 100 up to 170°C (212 - 338° F)
- incorporated air control box with safety valve
- Max. 70 N/cm2 (100 psi)
- quick assembly and disassembly - for short vulcanizing cycles
- rapid heat up and cool down time
- heating plates with integrated channels for water cooling
- 230 V, 3 Phase+N+PE (It can be produced optionally according to the desired voltage.)
- multiple units can be used side by side for longer splice lengths



Vulcanizing Press



Belt width	650 mm	800 mm	900 mm	1.050 mm	1.200 mm	1.400 mm	1.600 mm
Angle / bias	22°						
Heated length (A)	540 mm						
Heated width (B)	750 mm	900 mm	1.000 mm	1.150 mm	1.300 mm	1.500 mm	1.700 mm
Heated width (C) bias	810 mm	970 mm	1.078 mm	1.240 mm	1.400 mm	1.618 mm	1.830 mm
Height top	177 mm	177 mm	177 mm	194 mm	194 mm	224 mm	254 mm
Height bottom	202 mm	202 mm	202 mm	219 mm	219 mm	249 mm	279 mm
Capacity/plate	2,6 kW	3,2 kW	3,6 kW	4,1 kW	4,6 kW	5,3 kW	6 kW
Weight top part	60 kg	70 kg	76 kg	100 kg	105 kg	130 kg	175 kg
Weight bottom part	75 kg	86 kg	93 kg	115 kg	125 kg	148 kg	210 kg

Basic

Control Box + Basic Software

- Long-lasting structure
- for up to 16 plates by using 4 control boxes
- offers transparency of the vulcanizing process
- LCD display for heating temperature and vulcanizing/cure time



Professional

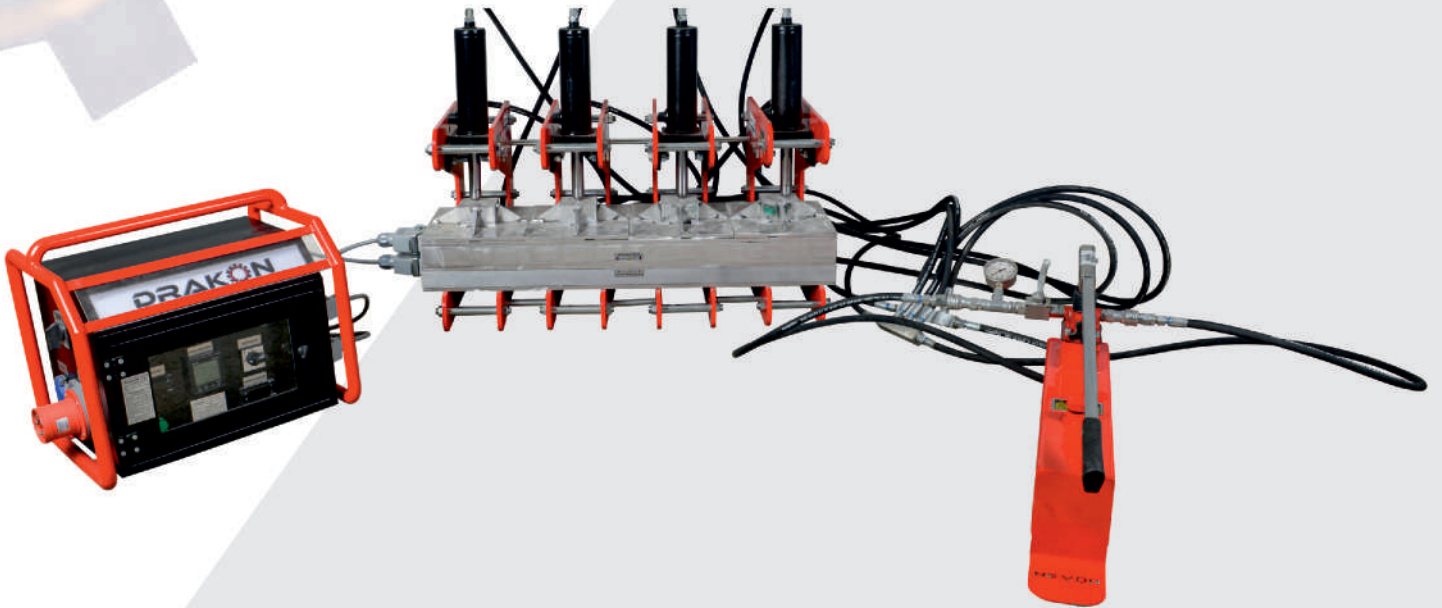
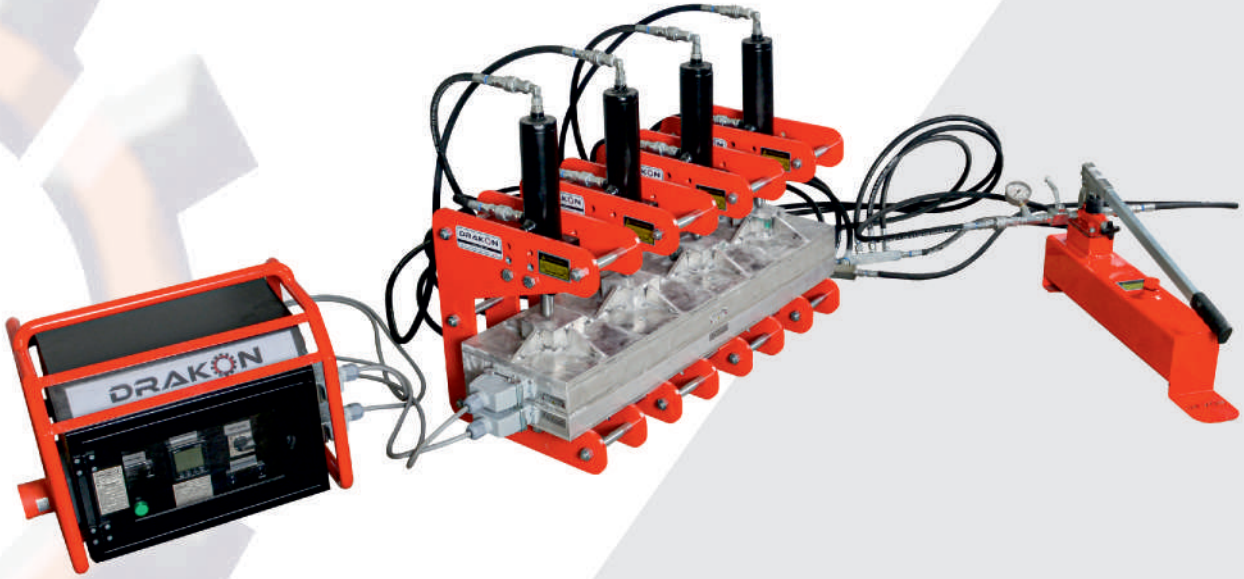
Professional Control Box + Professional Software

- Long-lasting structure
- for up to 16 plates by using 4 control boxes
- offers transparency of the vulcanizing process
- LCD display for heating temperature and vulcanizing/cure time
- splicing process for up to 16 plates by using 4 control boxes
- lightweight
- RF-ID (user identification)
- extremely bright 10.1" Touchscreen LCD with (optional) Dual Touch and Circular Polarizer
- shock-proof, waterproof and dust proof (IP65)



Vulcanizing Press

C-TYPE Vulcanizing Press



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C-TYPE Vulcanizing Press

Hydraulic and mechanical C-clamp for spot, edge, and rip-repairs

- C-clamp of high-alloy aluminium of torsion-stiff, solid welded construction
- highest bending resistance at minimum weight
- made for the following pressure power: 3 t and 6 t
- for repairing from the belt edge to the belt middle
- great depth up to the belt center, press overhang available:
200, 400, 600, 800, 1.000 and 1.200 mm
- the specific pressure achieved depends on the number of c-clamps used

Heating plates

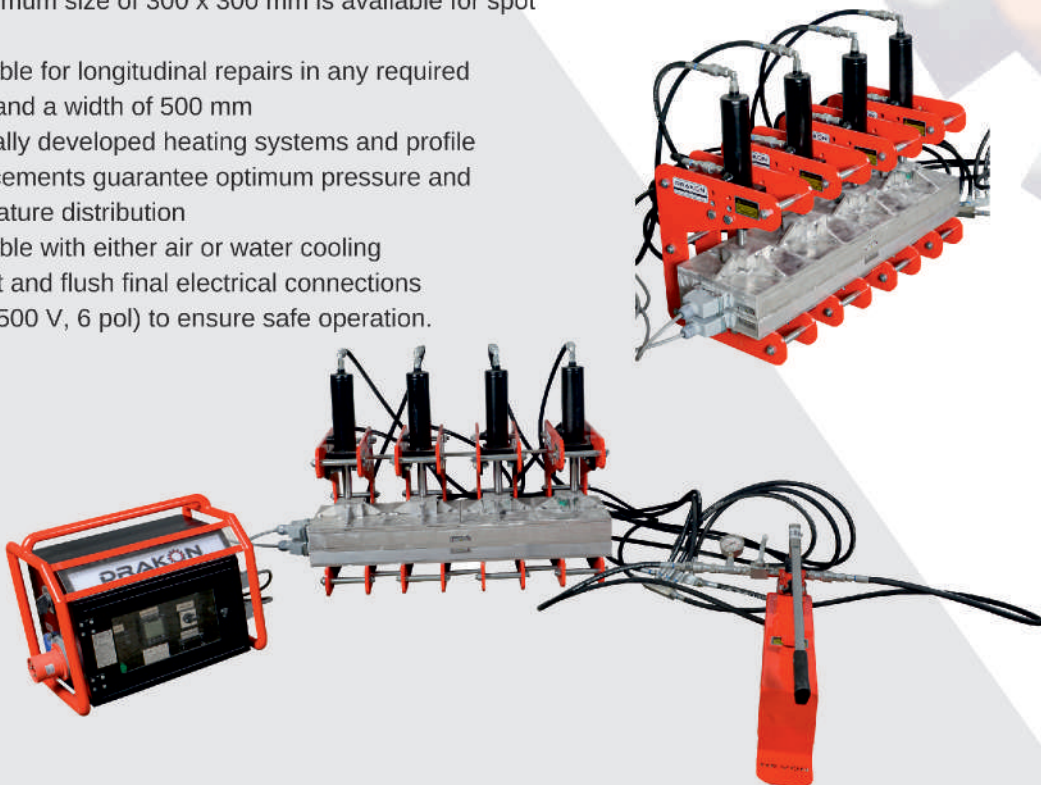
- in good frame construction, made of high-quality corrosion-resistant aluminium alloy
- a minimum size of 300 x 300 mm is available for spot repairs
- available for longitudinal repairs in any required length and a width of 500 mm
- specially developed heating systems and profile reinforcements guarantee optimum pressure and temperature distribution
- available with either air or water cooling
- robust and flush final electrical connections (up to 500 V, 6 pol) to ensure safe operation.

Pressure clamps with hydraulic-cylinders

- Pressure build up by means of hydraulic light metal cylinders and high-pressure pump (manual or electric)
- Built in protection against hose breakage (optional), the travers pressure is maintained in the event of hose breakage and sudden pressure drop

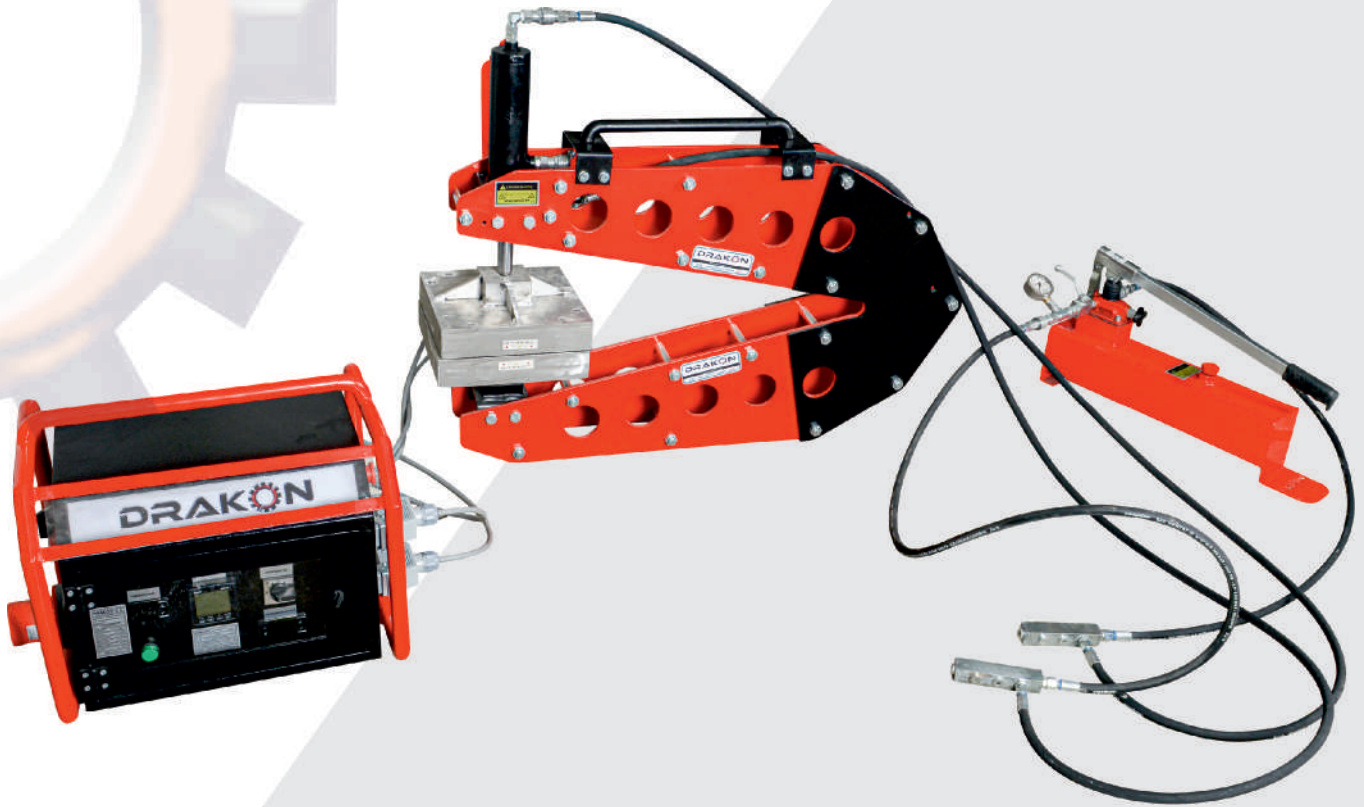
Pump/torque wrench

- pressure build-up by torque wrench with pressure spindles (by using a mechanical torque wrench)
- pressure build-up with hand pump (optionally motor-driven pump), distributor, high-pressure hoses and hydraulic oil



Vulcanizing Press

C-TYPE SPOT REPAIR Vulcanizing Press



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C-TYPE SPOT REPAIR Vulcanizing Press

Spot repair press of light weight construction

- for spot repairs on rubber conveyor belts
- for overhang of 800 mm, 1.000 mm and 1.200 mm
- particularly easy to transport due to the low weight of the single parts
- simple assembly without the need of any tools
- uniform pressure distribution by means of the pressure bag
- adjustable temperature from 100 up to 170° C

C-Clamp

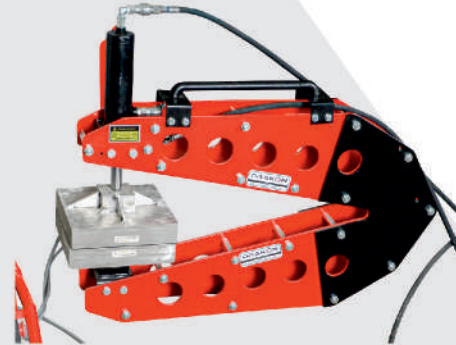
- C-Clamp of high-alloy aluminium, solid welded construction
- highest bending resistance at minimum weight
- press overhang available: 800 mm, 1.000 mm and 1.200 mm

Heating plates

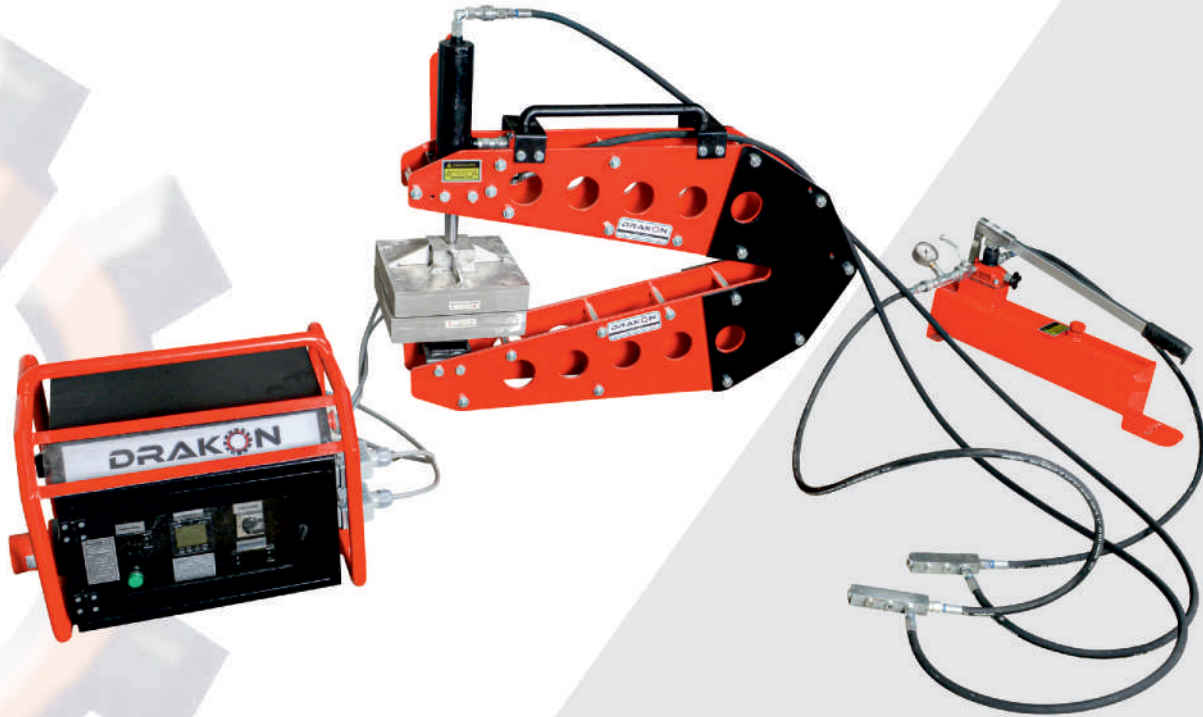
- heating plates can be disassembled for transport and stored in the transport box
- heating plates with electronic temperature control, signal lamp and digital temperature display
- water / air-cooling

Compressed air supply

- compressed air is regulated by an integrated air control box with safety valve and an easy to read pressure gauge
- connections and indicating instruments are easily reached from the top
- compressed air to be supplied by the customer
- optionally a light weight compressor can be supplied



Vulcanizing Press



EMU	800	1.000	1.200
Overhang	800 mm	1.000 mm	1.200 mm
Opening of jaw		110 mm	
Weight C-Clamp	40 kg	54 kg	67 kg
Weight per heating plate		8 kg	
Weight transport unit		10 kg	
Specific surface pressure	50 N/cm ² (70 psi)		33 N/cm ² (47 psi)
Heating area	300 x 300 mm		
Temperature range	100 - 170 °C		
Voltage	230 V 50 Hz, 1 Ph, N, PE *		
Capacity	1,2 kW		
Compressed air supply	to be provided by Customer		
Cooling media	Air		