

# VULCON<sup>™</sup>

VULCANIZING PRESS

STATE-OF-THE-ART VULCANIZING  
EQUIPMENT TECHNOLOGY



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**ASGCO<sup>®</sup>**  
Complete Conveyor Solutions



# VUL-CON™

VULCANIZING PRESS

## SECTIONAL VULCANIZING PRESS

ASGCO®'s VUL-CON™ Vulcanizing Presses are light weight, durable and versatile with complete availability of coverage for all splice lengths, fabric ply or steel cord. Our presses are easy to set-up and operate and easy to maintain. VUL-CON™ Vulcanizing Presses are made of high grade aluminum platens and beams to provide maximum tensile and bending strength with minimum weight. All VUL-CON™ Vulcanizing Presses provide uniform temperature and pressure required to vulcanize a wide array of conveyor belts.

We manufacture to all sizes and have a stock of the more traditional sizes used in the industry. ASGCO® has been splicing and vulcanizing conveyor belts since 1971. Over 45 years of experience ASGCO® continues to invest in the latest technological equipment development to continually improve our conveyor belt splicing techniques.

### ASGCO®'s VUL-CON™ Vulcanizing Presses are easy to set-up and operate.

When portability and versatility are crucial the VUL-CON™ Vulcanizing Press is the press of choice. This modular design can be set up quickly and efficiently. The side-by-side arrangement allows the presses to be joined to give a longer splice length.

The flexible aluminum heating platens provide uniform pressure and temperature on the splice area and contour to the variations in the belt thicknesses.

Our vulcanizers are designed to provide effective repairs to all kinds of belting including spot and puncture repair, belt edge repair and longitudinal tears.

### Components/Specifications

- **Platen** - Custom extruded plank, silicone heating elements (up to 163°C/325°F), and durable composite insulating packaging are used to construct a flexible platen that contours to belt irregularities. Flush connectors provide a smooth profile; recessed power connections are sealed for moisture resistance.
- **Beam Restraining System** - Superior H-style bars made of extruded aluminum are engineered for any belt width. Recessed high tensile steel nut/bolt assemblies connect H-bars for a steadfast, reduced profile. Each press includes the VUL-CON™ restraining system as a secondary E bar lock for increased operator safety.
- **Control Box** - The new VUL-CON™ Switchgear Box is the most advanced control system in the world. Incorporating controls for 2 platens. Splice data can be stored and recalled through the built-in data logger.
- **CE, CSA and UL Approved** – All electrical CE, CSA and UL approved



### Electronic Control Box System with Electronic Temperature Control System

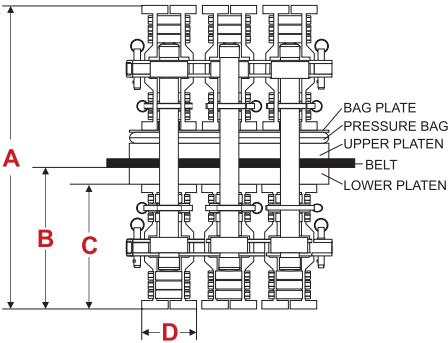
#### Rugged, Durable, Rubberized Case.

- Exact temperature reading in each heating plate via thermo-sensor PT 100
- Electrical connection as per CE, CSA and UL standards
- Quick and simple programming of the electronic temperature control
- Differential monitoring of the individual heating circuits
- Each control box can operate one set of platens

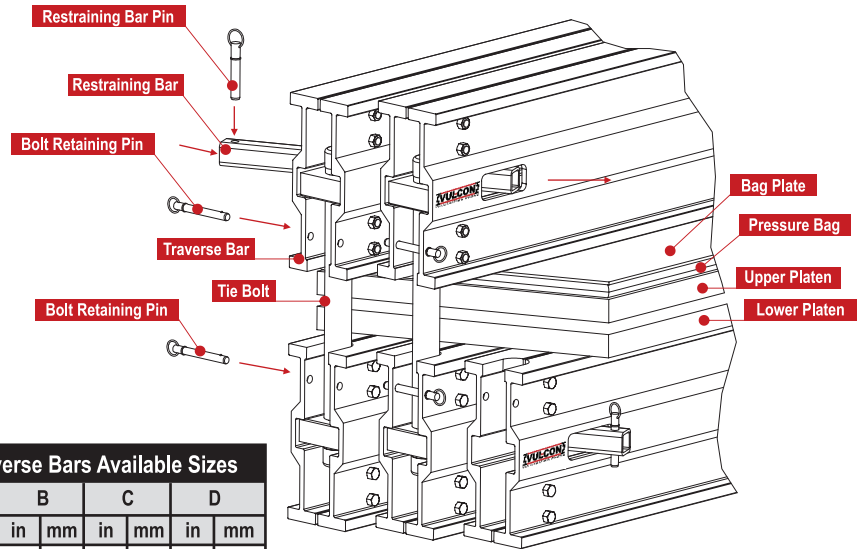


## Unique Features:

- Cross beam pressure system
- Robust heating platens with water cooling
- Pressure bolts for high level of safety
- Rubber pressure bag for even distribution
- Lightweight portable design
- Fast heat up and cooling down
- Durable for use in harshest of environments
- Traction bolts for a high level of safety
- Uniform belt/temperature pressure
- Presses can be joined for longer splice length
- 2 Year Guarantee

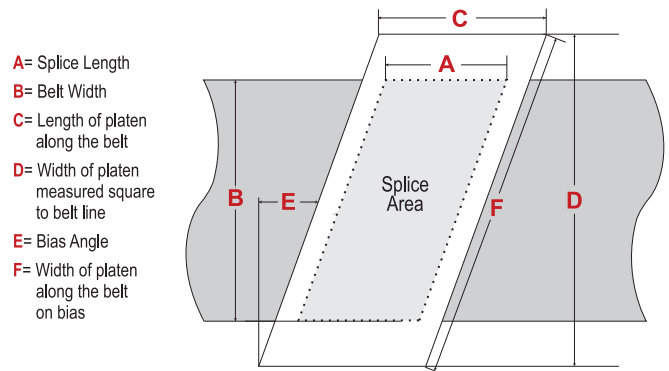


Vul-Con™ Traverse Bars Available Sizes								
Bars	A		B		C		D	
	in	mm	in	mm	in	mm	in	mm
H200	22	559	10	248	8	197	7	178
H270	28	699	13	318	11	267	7	178
H330	33	826	13	381	12	330	6	152
H380	37	927	17	432	15	381	6.4	165
H430	39	1010	19	480	17	431	8.7	223



## Details

- **Material:** High Grade Aluminium
- **Control Box:** Automatic process
- **Ammeter**
- **Heating:** Electric shielded resistance or silicone elements
- **Cooling:** Water Cooled
- **Platen Bias:** 17° degree, 22° degree, rectangle or any other on request
- **Power Voltage:** 220V, 380V, 400V, 415V, 440V, 480V, 525V or any other on request
- **Vulcanizing Temperature:** Adjustable between 0~200°C (392°F)



- A= Splice Length
- B= Belt Width
- C= Length of platen along the belt
- D= Width of platen measured square to belt line
- E= Bias Angle
- F= Width of platen along the belt on bias

**C** - The platen length (C) is calculated by adding to the **belt manufacturer's recommended splice length.**

- 8" inches (200mm) for fabric belt
- 12" inches (300mm) for steel cord belt

**D** - The platen width (D) is determined by adding to the belt width.

- 6" inches (150mm) for fabric belt
- 8" inches (200mm) for steel cord belt

**F** - Width of the platen along the belt on bias.

**To figure this multiply by:**

- 1.07 for 22° degree bias angle
- 1.05 for 17° degree bias angle

Dimensions C and D represent the outside platen dimensions. Custom sizes, rectangular configurations and multiple platen arrangements are also available upon request.

## Replacement OEM Part's

1. Control Box With Data Logger
2. Platen Cords
3. Pressure Bag



1



2



3

