Steps to Model Selection
The proper model selection for a vulcanizer depends on determining dimensions C and D (see diagram).

C - The platen length (C) is calculated by adding to the belt manufacturer’s recommended splice length.
• 6 inches (150mm) for fabric belt
• 14 inches (355mm) 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.

BELT DETAIL:
Steel Cable or Fabric Belt
Max Pressure Required

ELECTRICAL:
Voltage
Phase

DIMENSIONS:
A = Splice Length
B = Belt Width
C = Platen Length (Splice Length +6” Fabric Belt or +14” Steel cord Belt)
D = Platen Width (Belt Width +6” Fabric Belt or +8” Steel cord Belt)
E = Bias (in Degrees)
F = Width of platen measured along the bias

Comments / Concerns / Suggestions:

Submitted By ___________________________ Date ____________
MODEL - EZ 100  
Maximum operating pressure 100 psi (7kg/cm²)  
Maximum temperature 325°F (163°C)

<table>
<thead>
<tr>
<th>BELT WIDTH</th>
<th>ANGLE / BIAS</th>
<th>HEATED LENGTH (C)</th>
<th>HEATED WIDTH (D)</th>
<th>HEATED WD (F) BIAS</th>
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<th>HEIGHT BOTTOM</th>
<th>POWER</th>
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Splice Area

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