



⇒ This table lists considerations, which should be helpful in selecting a platen type for a particular application. This table assumes a 24" x 24" Steel Platen. Please contact Venango Machine's technical staff to identify your specific platen needs.

| TYPE              | HEAT/COOL SOURCE   | MAX. TEMP. | TEMPERATURE/ DISTRIBUTION<br>Well designed system | CONTROL OF TEMP.<br>Distribution | MAINTENANCE ITEMS   | POTENTIAL SAFETY PROBLEMS   |
|-------------------|--|------------|---|----------------------------------|---|---|
| 1 PP              | <b>Steam/Hotwater</b><br>Heated Only   | 400°F      | Within 5°F  | NO                               | Steam Valves<br>↔<br>Steam Traps<br>↔<br>Steam System                             | Steam vented to atmosphere vents at low pressure<br>↔<br>SAFE WHEN MAINTAINED |
| 2 WP<br>SIB<br>MS | <b>Steam/Hotwater</b><br>Heated & or Cooled  | 400°F      | Within 5°F  | NO                               |   |   |
| 3 SIB<br>MS       | <b>Steam/Hot Oil</b><br>Heated & or Cooled   | 700°F      | Within 10° F                                      | NO                               | Seals<br>↔<br>Pumps<br>↔<br>Hot Oil Systems                                       | Hot oil stays liquid when it vents<br>↔<br>Difficult to contain               |
| 4 SE<br>CE        | <b>Electric</b><br>Htrs single or variable wattage<br>↔<br>Single Zone                         | 1200°F     | Consult Venango Technical Staff                   | NO                               |   |   |
| 5<br>EWC          | <b>Electric</b><br>Htrs single or variable wattage<br>↔<br>Single Zone<br>↔<br>Heated/Cooled   | 650°F      | Within 20°-30°F                                   | NO                               | Heaters<br>↔<br>Thermocouples<br>↔<br>Misc. Control Components                    | None when installed properly  |
| 6 SE<br>CE        | <b>Electric</b><br>MultiZONE 9 zones<br>Heated Only  | 1200°F     | Consult Venango Technical Staff                   | YES                              |   |   |
| 7<br>EWC          | <b>Electric</b><br>MultiZONE 9 zones<br>Heated & or Cooled                                     | 650°F      | Within 5°-7°F Heating                             | YES                              |   |   |
| 8 SE<br>CE        | <b>Electric</b><br>Htrs single or variable wattage<br>↔<br>Single Zone<br>↔<br>With Heat Pipes | 600°F      | Within 10°-15°F                                   | NO                               | Heaters<br>↔<br>Thermocouples<br>↔<br>Misc. Control Components<br>↔<br>Heat Pipes |   |