



**BURCKHARDT**  
OF SWITZERLAND

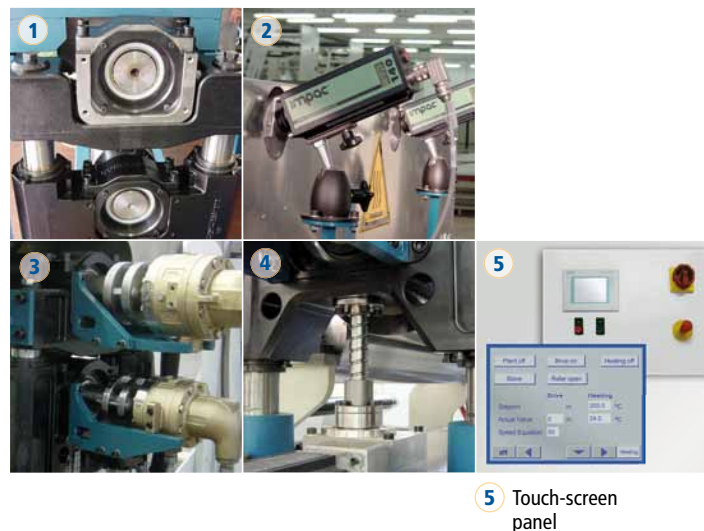
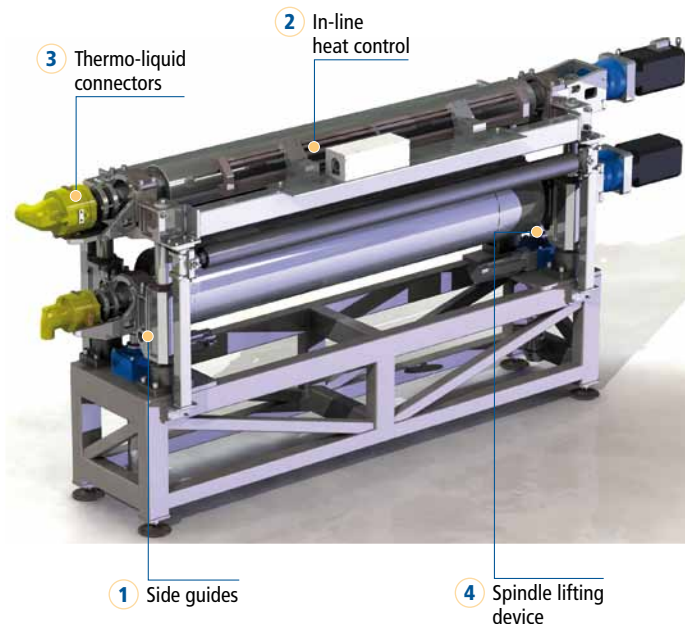


Precision Perforating Unit  
**PREMIUM**

# High-end Perforating Unit PREMIUM

|                               |  |
|-------------------------------|--|
| <b>Machine Type</b>           | <b>Hot or Cold Pin Perforating Unit</b>  |
| <b>Machine name</b>           | <b>Premium</b>   |
| <b>Description</b>            | Strong frame<br>Cassette design for high pressure or high precision perforation  |
| <b>Working width</b>          | Up to 4000 mm  |
| <b>Perforating roller</b>     | Roller Ø 180–350 mm<br>Perforating segments according to customer's specification<br>Ø over pin tips: 230–400 mm   |
| <b>Counter Roller</b>         | Roller Ø 200–400 mm<br>Tampico fibre brush<br><b>Options:</b> (according to application) <ul style="list-style-type: none"> <li>• Rubber</li> <li>• Felt</li> <li>• Female Roller (for 3D perforation)</li> </ul>                        |
| <b>Heating system</b>         | Internal thermo-fluid heating up to 250 °C (measured at perforating ring)<br><b>Options:</b> <ul style="list-style-type: none"> <li>• Induction heating</li> <li>• Internal electric resistance heating</li> <li>• no heating</li> </ul> |
| <b>Drive system</b>           | 1 or 2 servo motors, up to 7.5 kW<br><b>Option:</b> synchronization of the two motors for male/female perforation (3D)   |
| <b>Line Speed</b>             | Up to 250 m/min (technical speed up to 400 m/min)  |
| <b>Emergency break system</b> | Motor-brake  |
| <b>Penetration adjustment</b> | Electric spindle-lifting device  |
| <b>Electronic control</b>     | SPS Control panel with touch screen, digital display suitable for integration into existing line   |
| <b>External dimensions</b>    | Total length = working width + 750 mm (motor)<br>+ 400 in case of internal oil heating<br>Height: approx. 1300 mm<br>Depth: approx. 860 mm   |
| <b>Additional options</b>     | <ul style="list-style-type: none"> <li>• Unit can be installed in horizontal position</li> <li>• Electronic matching control for printed film perforation</li> </ul>   |

For all machine types we are able to adapt to customer's requirements to ensure an optimal end-result.



**BURCKHARDT OF SWITZERLAND AG**  
Pfarrgasse 11, CH-4019 Basel  
Switzerland  
Tel +41 61 638 18 00  
Fax +41 61 638 18 50  
info@burckhardt.com  
www.burckhardt.com

Please contact us for more detailed information