



BURCKHARDT
OF SWITZERLAND



Hot *Speed*

Perforating Unit

- 400 °C / 750 °F
- 300 m/min / 320 yds/min



Hot Perforating Unit

Machine Name	HotSpeed
Description	Optimized design for converters where high temperature and speed is key while maintaining fast tool exchange
Working width	Up to 1'600 mm
Perforating roller	Core Ø 110 mm Perforating segments according to customer's specification Ø over pin tips: 130 – 200 mm
Counter Roller	Roller Ø 140 – 160 mm Tampico fibre brush Option: (according to application) <ul style="list-style-type: none"> • Variation of brush fibers and arrangement • Rubber
Heating system	«Hot Oven» construction Combination of external ceramic heating and internal resistance heating Combined Heating power: up to 13 kW per meter width
Working temperature	Up to 400°C (measured at perforating ring)
Drive system	2.2 kW, DC-motor, 50 Hz, 400 V
Line Speed	Up to 300 m/min (production speed depending on material and requested hole quality)
Emergency brake system	Emergency stop with electronic motor brake (< 1 second)
Penetration adjustment	Manual rotary position control and analog indication in increments of 0.1 mm
Electronic control	Cabinet with push buttons, temperature display and adjustment, line integration via 4 – 20 mA signal Option: Cabinet with Siemens touch-panel, control/ display of all mechanical functions and parameters as speed and temperature, line integration through 4 – 20 mA signal, manual synchronization adjustment, adaption of line speed and perforation speed at control panel, modem connection for remote maintenance
Energy connection/ consumption	50 Hz, 400 V, Energy consumption 15 kWh per meter working width
External dimensions	Total length = working width + 800 mm Height: 700 mm (approx.) Depth: 700 – 1000 mm (approx.)
Options	<ul style="list-style-type: none"> • Segmented pinning for special perforating pattern • Dedicated construction for fast roller change • Dedicated construction for fast pin ring exchange without roller disassembly



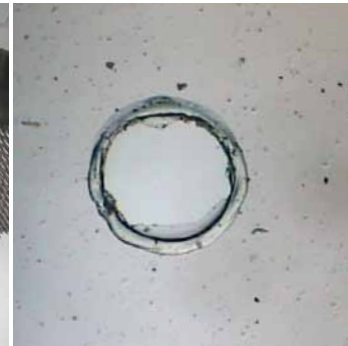
- High Temperature
- High Speed
- Easy Handling
- Compact Build
- Easy Integration



Penetration adjustment with display



Segmented rings are optional



Optimally sealed edge of the hole

Please contact us for more detailed information or visit us at www.burckhardt.com



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