

bilz

PREMIUMLINE

Thermal tool clamping
meets Industry 4.0



PREMIUMLINE

SAFE - FAST – EFFICIENT

SAFETY **PREMIUMLINE**

Automatic shrinking and cooling

CONNECTION **PREMIUMLINE**

The shrinking process allows the tool and toolholder to form a monoblock unit, thus achieving minimum runout and excellent surface finish quality, as well as the best possible tool life and workpiece tolerances

TIME SAVING **PREMIUMLINE**

Heating in seconds: the tool slides into the heated toolholder and is automatically centred in the BILZ ThermoGrip® shrink chuck

SMART NETWORKING **PREMIUMLINE**

TDSc reader and machine software implement Industry 4.0 in your processes and tool management

PATENTED TOOLS **PREMIUMLINE**

BILZ ThermoGrip® shrink chuck: Process reliability, durability and high clamping forces are the characteristics of the BILZ ThermoGrip® shrink chucks with patented counterbore. Ideally matched to BILZ Thermogrip® induction shrinking units.



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”Optimal process security for your production. The most innovative and the safest solution in tool clamping”

Convenient and Smart 7" display, extensive features, no separate PC required, simple and user-friendly menu navigation

Touchdisplay



Length Presetting



Highest Precision Tool Setting directly on the machine fast and simple

Industry 4.0 at work
Chip detection by reader,
total process reliability

TDSc Reader & Software



QR & Barcode Scanner



Absolute process reliability thanks to the clear selection process

Optical signal routing
safe operator guidance
Automatic parameter control,
detection and adaptation,

Pole Disc Sensor



Exchange Coils



Extends the range of operation
Shrinking of oversized tool diameters

Reliable Cleaning Fine Filter
with shut-off valve,
Water separator and pressure
gauge,

Compressed Air Fine Filter



Side table with
Corian Plate



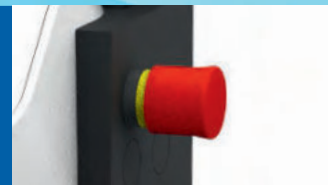
Ergonomics at the workplace
additional ergonomic work surface
convenient space for equipment,
high quality workmanship

Regulates emissions
caused by dirty tools

Optional Air Pollution Control



Safety Shutdown



Safety First

