

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



TDS 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

