

## ISG34 Series Automatic Induction Shrink

**Automatic shrink and cooling in one device - fast, effective and SAFE**



In order to ensure the longevity of the tool holder the system uses proven fixed parameters for shrink reliably. Optimum safety for the operator as no contact with the hot shrink fit chucks is necessary. Tool profile independent cooling with no need for adapters.

No overheating of the shrink fit chuck due to fixed pre-programmed parameters, simple menu guidance in graphic display dialog, service-friendly generator exchange unit, thanks to a "black box" concept. Air blast drying system ensure the tool is dried after cooling and ready for the machine.

Latest advances in technologies mean the ISG range can now be used with Balluff RFID systems. With full shrink and cooling program parameters stored on the data chips, the system offers seamless integration into your process and eliminates instances where unsuitable tools are presented for shrinking.

### **ISG3410WK (1/4)**

Ø 3 – 32mm for carbide shanks and Ø 6 – 32 mm for HSS shanks (up to Ø 50mm optional)

Max. shrink extension: 400mm WK1 / 680 mm WK4

Max. cooling extension: 200 WK1 / 400 mm WK4

Operator does not have any contact with hot tools

All tool nose contours may be used

Integrated water cooling

Integrated air blast drying

Generator in a "Black Box" for easy replacement by end users

3 phase x 400 V / 16 A 8 kW

### FEATURES:

- Fully Automatic cooling and drying of the shrink chuck
- Fast cooling cycle
- Improved drying feature after the cooling process
- Quick change coil system for expanded diameters up to 50mm (optional)
- Full colour touchscreen (optional)
- Balluff RFID integration (optional)
- 50l Liquid tank

