

GUHRING

GSS

2000



Induction Shrink Fit Systems

GUHRING - YOUR WORLD-WIDE PARTNER

GSS 2000

Work easily, quickly and efficiently ...

The advantages of shrink fit technology:

Perfect 360° tool clamping provides extreme clamping force and rigidity

High repeatability, hence reduced operating errors

Minimal imbalance thanks to rotational symmetry

Excellent concentricity

Reduced components, therefore lower costs for purchasing, storage and administration

You benefit from:

High economical efficiency

Longer tool life

Considerable time saving



... with each application!

Safe shrink fitting

The minimal heating of the shrink fit chuck ensures **maximum operating safety** on the one hand, on the other the controlled heating ensures the **long life** of the shrink fit chuck.



The control panel

The clear control panel with display makes the operation of the GSS 2000 **very user-friendly**.

Simple operation

The movement of the spindle and its heating is a single handed operation. **Tool clamping cannot be simpler and quicker!**

Quick cooling

The water-cooled cooling elements cool down the shrink fit chuck quickly and safely. The shrink fit chuck remains clean and dry, **so that it can be applied again without drying and without rusting**. Hot spots remain safely screened during the cooling process in order to prevent burns.

Efficient operation

The turntable allows simultaneous preparation, heating and cooling of the shrink fit chucks. **Subsequently, there is no waiting time, tool clamping is seamless and with maximum efficiency.**

All under control

Practical locations and compartments provide room for accessories such as stop discs or gloves in close proximity to the equipment. **Thus all the necessary components are always at hand.**



Comfort Plus

GSS
2000

With turntable.

The GSS 2000 Comfort Plus is the complete solution for simple, quick and secure tool clamping in the shrink fit chuck.

Three station
system

At three positions you can simultaneously prepare, heat and cool – i.e. continuously clamp or unclamp tools. This gives your production maximum flexibility and efficiency, saving time and money.



Put an end to complex tool clamping and adjustment.
With GSS 2000 you can clamp your tools easily, quickly and securely.

Benefit from the advantages of GSS 2000:

- > **high-performance spindle**, hence quick change time
- > **overheating protection** for holder
- > **automatic mode** possible (equipment automatically selects the correct heating program)
- > **error detection** choosing wrong chuck/program
- > **heating programs** for standard/reinforced and very small holder/shrink fit extensions
- > **maximum rigidity**
- > **highest cutting rates**



Eco plus

Single station alternative

Full performance

The GSS 2000 Eco Plus is a single-position system that provides the full induction and cooling performance of a professional system at a reasonable cost.

It is ideal as either an entry-level model that any time can be extended up to the equipment features of the Comfort Plus or used as a second or third system in your production.



Basic

For new starters without cooling

Reduced to the essentials

For newcomers to the shrink fit technology the GSS 2000 offers all necessary equipment features for clamping or unclamping tools, but dispenses with the cooling.



GSS
2000

GSS
2000



1

1) Swivel tray

The practical swivel tray can be directly located within the GSS 2000 to accommodate the most important accessories.



3

3) Pliers

For the safe handling of hot tools.

ACCESSORIES

2) Trolley

The sturdy trolley provides the GSS 2000 with secure positioning and location for the SpeedCooler. The spacious drawer of the trolley provides additional room for further accessories. As a result, everything is in its place.



2



THERMO SECURE GOLD 3000

Perfect combination:

GSS 2000 + TSG 3000

- perfect concentricity
- highest balance
- maximum operational safety



MQL
BY GÜHRING

Enquiry for GSS 2000
Comfort Plus



Basic unit and accessories

Test our Comfort Plus for 4 weeks free of charge

- GSS 2000 Comfort-Plus**
4742 10.000
- System trolley
4748 1.000
- Pliers
4749 1.000
- Swivel trays
4763 1.000

appropriate holders

HSK holders

- HSK 32
4745 32.000
- HSK 40
4745 40.000
- HSK 50
4745 50.000
- HSK 63
4745 63.000
- HSK 80
4745 80.000
- HSK 100
4745 100.000

SK holders

- SK 40
4744 40.000
- SK 50
4744 50.000

Are tool diameters 3-5 mm applied?

Company: _____ Company stamp: _____

Telephone/fax: _____

Contact name: _____ Signature: _____

Enquiry for GSS 2000
Eco plus / Basic



Basic unit and accessories

- GSS 2000 Eco Plus**
4752 10.000
- GSS 2000 Basic**
4730 10.000
- System trolley
4748 1.000
- Pliers
4749 1.000
- Swivel trays
4763 1.000

appropriate holders

HSK holders

- HSK 32
4761 32.000
- HSK 40
4761 40.000
- HSK 50
4761 50.000
- HSK 63
4761 63.000
- HSK 80
4761 80.000
- HSK 100
4761 100.000

SK holders

- SK 40
4762 40.000
- SK 50
4762 50.000

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FLUTELESS TAPPING

MILLING

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