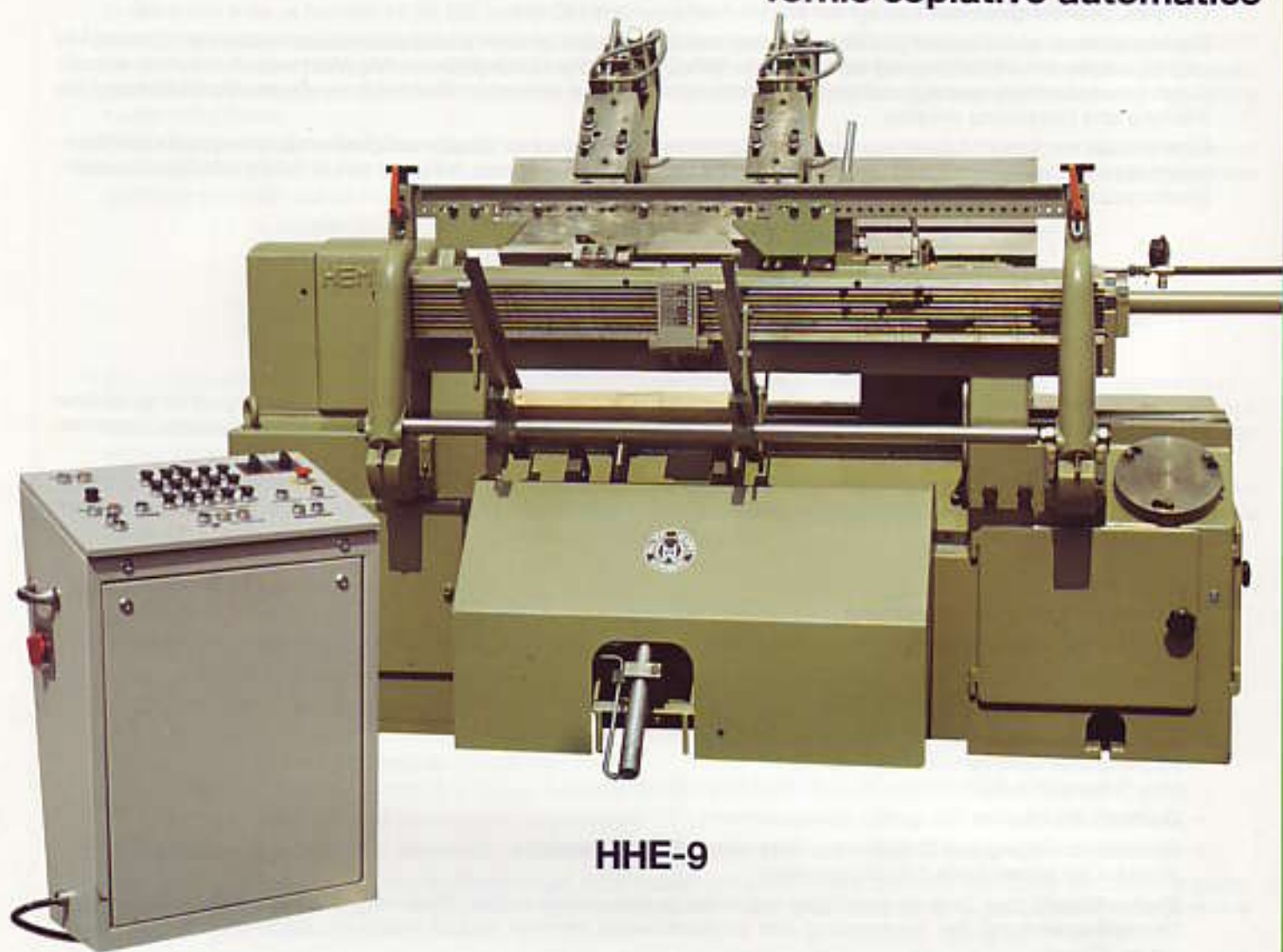


Schablonendrehautomat HHE

Automatic Copying Lathe
Tour à gabarit automatique
Torno copiatore automatico
Tornio copiativo automatico



HHE-9



Walter Hempel

Maschinenfabrik · Erlenstr. 36 · D-8500 Nürnberg 70 · W. Germany · Tel. (0911) 42 34 90 · Telex 6 22 866 · Fax (0911) 4 19 56

HHE Automatic Copying Lathe

with electronic control system

This fully automatic, hopper-fed copying lathe of extra sturdy construction is available in **two sizes**:

HHE-9 for work up to **900 mm** (regularly with 2 back rests)

HHE-12 for work up to **1200 mm** (regularly with 3 back rests)

The **maximum work diameter** is **120 mm** on both models.

Developed from our highly successful and time-tested CH and HH type copying lathes, the HHE range has been equipped with a freely programmable SIEMENS electronic system. All machine functions are LED indicated and controlled from a floor-standing console. Maintenance and set-up have thereby been considerably simplified.

The basic equipment of the machine comprises a great number of valuable features such as automatic speed control for the front carriage and back rests, preselectable stoppage of the front carriage if necessary during the operation of profile cutters as well as a choice of five turning programs:

- I. Manual operation
- II. Normal turning
- III. Turning work left partly square
– Release at left
- IV. Turning work left partly square
– Release at right
- V. Turning with fork guide

With all innovations and improvements added, the simple proved-in-use working method of our copying lathes has been retained, i.e. the shape is obtained from a metal template controlling the front carriage gouges which thus transfer the outline of the template to the workpiece. Bead and sharp contour areas can be refinished by means of profile cutters mounted on the back rests.

The blanks can be bored or unbored and need to be cut to the required length before they are loaded into the hopper of the machine. All subsequent operations – from picking up the blank to ejecting the finished turning – are carried out entirely automatically.

Optional Equipment:

- **Automatic staying lubricator**
- **Additional back rests** (up to a total of five)
- **Fork guide** for extremely slender parts
- **B-10 mechanic boring attachment** for holes up to 10 mm in diameter and a depth of 6 times the boring diameter (max. 60 mm)
- **HHB-10 hydraulic boring attachment** for holes up to 10 mm in diameter and a depth of 10 times the boring diameter (max. 80 mm)
- **Third front carriage tool holder** to cope with heavy cuts
- **Special device** for work having a **square at one end** (headstock side)
- **Square staying assembly** for sharp corner squares being left anywhere on the turning, including hydraulic brake of spindle (using this attachment may decrease the total working length of the lathe by approx. 80 mm)
- **Rotary staying** for work left partly square, leaving squares with slightly rounded corners
- **Tool holder fine adjustment**
- **Work conveying unit** linking the lathe to automatic sander

Note: For any attachments to be added later provision should be made whenever possible at the time of ordering the machine.

The machine is supplied complete with the following motors:

One 7.5 kW, 2800 rpm spindle motor

One 3.0 kW, 1400 rpm hydraulic pump motor

Approximate weight with motors:

Model	Net weight	Packed for export
HHE-9	1550 kg	1850 kg (9.9 m ³)
HHE-12	1820 kg	2170 kg (11.5 m ³)

We reserve the right to amend or modify the design.

HEMCO

Maschinenbau und Vertriebs GmbH

D-90441 Nürnberg · Erlenstraße 36

Tel. (0911) 41606-0 · Fax (0911) 4160630

