As a learning concept for HEIDENHAIN controls, the HIT program (HEIDENHAIN Interactive Training) ideally combines theoretical learning with practical exercises into an autodidactic educational strategy.

The HEIDENHAIN learning concept can be used for qualified basic and advanced training. It consists of three modules:

- HIT software
- HIT workbook
- HEIDENHAIN programming station

Interactive operation and comprehensive test assignments precisely monitor your progress, making it possible to continuously reflect on what you have learned.

HIT is available in various learning packages. **HIT Conversational** and **HIT DIN/ISO** teach you the most important elements of a CNC milling machine and impart fundamental knowledge about TNC programming. Of course, the learning packages also include the necessary technological fundamentals. This also makes the HEIDENHAIN learning concept ideal for persons new to this technology, as well as for non-specialists without basic CNC knowledge.

The **HIT Tilting 3+2** learning package goes one step further: Building on the HIT Conversational package, it imparts the knowledge required for programming tilted operations with the PLANE function of the TNC.

The **HIT Turning** learning package provides all information required for CNC turning with HEIDENHAIN controls.

HIT is available in English, German and many other languages.

HEIDENHAIN Interactive Training

You can purchase the HIT software and the HIT workbook easily and directly from the **online shop:**

www.klartext-portal.com
→ HEIDENHAIN Interactive Training
→ Shop
→ Link: HIT Online Shop

You can purchase the following products:

- **Demo version** (cloud application) 0.00 €
- **Single-station license** (cloud application) 23.50 €
- **Single-station license** (download) 37.50 €
- **Netzwork license** for 20 stations (download) 396.00 €

Other currencies are converted to on a daily basis.

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HEIDENHAIN

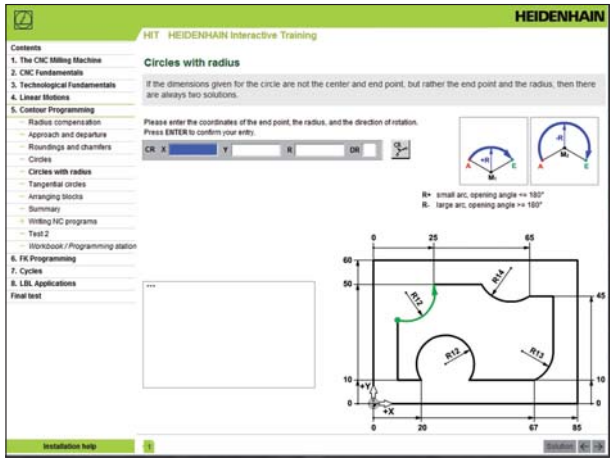
The HEIDENHAIN Learning Concept

HIT – Learning Concept for HEIDENHAIN Controls for Milling and Turning

The three HIT modules

The **HIT software** supports you when you begin programming with HEIDENHAIN controls. It explains the control functions with the aid of animations, small tasks and exercises. Then you can take tests to check what you have learned.

The HIT software is available with a single-station or network license, and selected chapters are available as a free demo version.

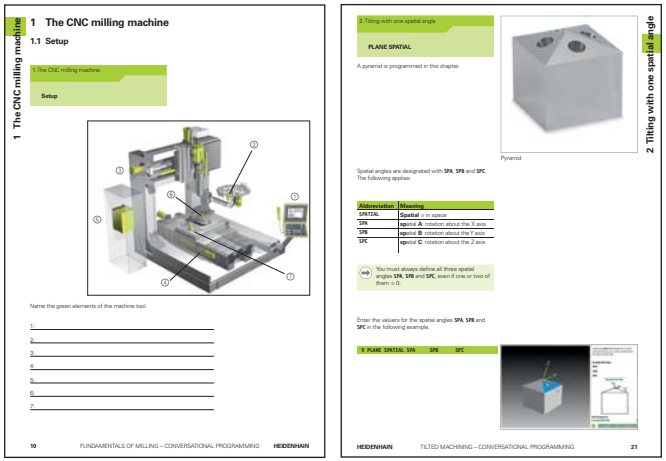


Educational content prepared didactically

The **HIT workbook** is the guide through the HEIDENHAIN learning concept. It includes assignments to be completed using the HIT software and/or the programming station as PC-based modules.

You will find many assignments and numerous programming examples here. Using the programming of a workpiece as a guide, the workbook leads you step-by-step through the HIT software and programming station modules.

The HIT workbook is available in printed form or as a cost-free PDF document.

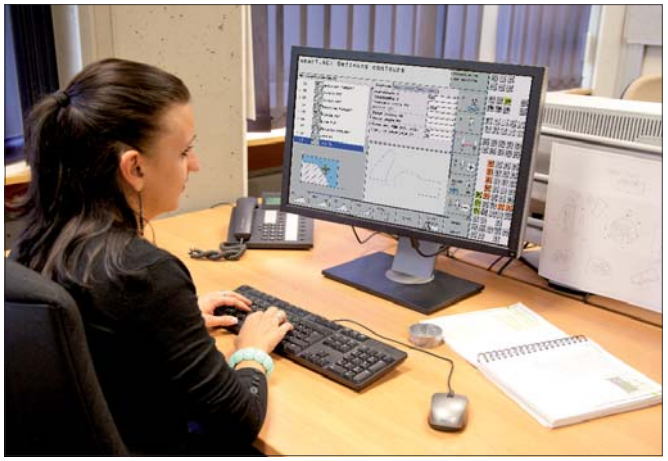


Examples from HIT workbooks

The **programming station** is the PC-based counterpart of a control for a machine tool. You can use it to create NC programs of the HIT program examples, just as on a real HEIDENHAIN control. You can write and graphically simulate the programs, and then transfer them to the machine tool and run them there.

The free demo version of the programming station is also suitable for the HEIDENHAIN learning concept. It offers:

- Programming via PC keyboard or virtual keyboard
- Free downloading from www.klartext-portal.com
- Storage of 100 blocks per program
- All software options of the control are enabled



Programming station with virtual keyboard

HIT Software

HIT Workbook

Programming Station