



Training Course Catalog

Technical Training Courses 2019



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**C 22 / C 32 / C 42 /
C 400-series
Heidenhain
iTNC 530 HSCI**

Repair and Maintenance Seminar Electrical System

Course contents:

ELECTRICAL SYSTEM

- Safety briefing
- Introduction to machine operation
- Control-Hardware
- Data organization
- Data backup and restore
- Machine data / Machine parameters
- Softkeys
- Error messages
- Diagnostic procedures
- Bus systems

MACHINE

- Measuring systems
- Motors and drives
- Setup and adjustment of change positions

Learning goal:

The participant is able to perform simple repair, service and maintenance work of electrical nature on the machine.

Course duration:

2,5 days, 1st day from 09:00 AM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 12:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed electrical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Order number: 900.79.500

**C 12 / C 32 / C 42 /
MT / C 250 / C 400 / C
650-series
Heidenhain TNC 640**

Repair and Maintenance Seminar Electrical System

Course contents:

ELECTRICAL SYSTEM

- Safety briefing
- Introduction to machine operation
- Control-Hardware
- Data organization
- Data backup and restore
- Machine data / Machine parameters
- Softkeys
- Error messages
- Diagnostic procedures
- Bus systems

MACHINE

- Measuring systems
- Motors and drives
- Setup and adjustment of change positions

Learning goal:

The participant is able to perform simple repair, service and maintenance work of electrical nature on the machine.

Course duration:

2,5 days, 1st day from 09:00 AM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 12:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed electrical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Order number: 900.79.501

**C 52-series
Heidenhain
iTNC 530 HSCI**

Repair and Maintenance Seminar Electrical System

Course contents:

ELECTRICAL SYSTEM

- Safety briefing
- Introduction to machine operation
- Control-Hardware
- Data organization
- Data backup and restore
- Machine data / Machine parameters
- Softkeys
- Error messages
- Diagnostic procedures
- Bus systems

MACHINE

- Measuring systems
- Motors and drives
- Setup and adjustment of change positions

Learning goal:

The participant is able to perform simple repair, service and maintenance work of electrical nature on the machine.

Course duration:

2,5 days, 1st day from 09:00 AM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 12:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed electrical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Note:

This machine is a major project!

Booking and sale only after consultation with the Department of Service Information Systems, phone: 07426 95-3823.

Order number: 900.79.502

**C 52 / C 62 / MT-series
Heidenhain TNC 640**

Repair and Maintenance Seminar Electrical System

Course contents:

ELECTRICAL SYSTEM

- Safety briefing
- Introduction to machine operation
- Control-Hardware
- Data organization
- Data backup and restore
- Machine data / Machine parameters
- Softkeys
- Error messages
- Diagnostic procedures
- Bus systems

MACHINE

- Measuring systems
- Motors and drives
- Setup and adjustment of change positions

Learning goal:

The participant is able to perform simple repair, service and maintenance work of electrical nature on the machine.

Course duration:

2,5 days, 1st day from 09:00 AM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 12:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed electrical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Note:

This machine is a major project!

Booking and sale only after consultation with the Department of Service Information Systems, phone: 07426 95-3823.

Order number: 900.79.503

**C 22 / C 32 / C 42 / MT-
series
SINUMERIK 840D sl**

Repair and Maintenance Seminar Electrical System

Course contents:

ELECTRICAL SYSTEM

- Safety briefing
- Introduction to machine operation
- Control-Hardware
- Data organization
- Data backup and restore
- Machine data / Machine parameters
- Softkeys
- Error messages
- Diagnostic procedures
- Bus systems

MACHINE

- Measuring systems
- Motors and drives
- Setup and adjustment of change positions

Learning goal:

The participant is able to perform simple repair, service and maintenance work of electrical nature on the machine.

Course duration:

2,5 days, 1st day from 09:00 AM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 12:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed electrical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Order number: 900.79.504

**C 52 / C 62 / MT-series
SINUMERIK 840D**

Repair and Maintenance Seminar Electrical System

Course contents:

ELECTRICAL SYSTEM

- Safety briefing
- Introduction to machine operation
- Control-Hardware
- Data organization
- Data backup and restore
- Machine data / Machine parameters
- Softkeys
- Error messages
- Diagnostic procedures
- Bus systems

MACHINE

- Measuring systems
- Motors and drives
- Setup and adjustment of change positions

Learning goal:

The participant is able to perform simple repair, service and maintenance work of electrical nature on the machine.

Course duration:

2,5 days, 1st day from 09:00 AM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 12:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed electrical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Note:

This machine is a major project!

Booking and sale only after consultation with the Department of Service Information Systems, phone: 07426 95-3823.

Order number: 900.79.505

**C 22 / C 32 / C 42 /
C 400-series
Heidenhain
iTNC 530 HSCI**

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Replacing spindle head and spindle motor
- Geometrical measurement
- Tool magazine
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Order number: 900.79.506

**C 12 / C 22 / C 32 /
C 42 / MT / C 250 / C
650-series
Heidenhain TNC 640**

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Replacing spindle head and spindle motor
- Geometrical measurement
- Tool magazine
- Clamping A-axis
- Start-up rotary table
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Order number: 900.79.507

**C 52-series
Heidenhain
iTNC 530 HSCI**

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Spindle motor replacement
- Geometrical measurement
- Tool magazine
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Note:

This machine is a major project!

Booking and sale only after consultation with the Department of Service Information Systems, phone: 07426 95-3823.

Order number: 900.79.508

**C 52 / C 62 / MT-series
Heidenhain TNC 640**

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Spindle motor replacement
- Geometrical measurement
- Tool magazine
- Clamping A-axis
- Start-up rotary table
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
2nd day from 08:00 AM till 04:00 PM
3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Note:

This machine is a major project!

Booking and sale only after consultation with the Department of Service Information Systems, phone: 07426 95-3823.

Order number: 900.79.509

**C 22 / C 32 /
C 42-series
SINUMERIK 840D sl**

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Replacing spindle head and spindle motor
- Geometrical measurement
- Tool magazine
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Order number: 900.79.510

C 42 MT-series SINUMERIK 840D sl

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Replacing spindle head and spindle motor
- Geometrical measurement
- Tool magazine
- Clamping A-axis
- Start-up rotary table
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Order number: 900.79.511

**C 52 / C 62-series
SINUMERIK 840D / sl**

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Spindle motor replacement
- Geometrical measurement
- Tool magazine
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
 2nd day from 08:00 AM till 04:00 PM
 3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Note:

This machine is a major project!

Booking and sale only after consultation with the Department of Service Information Systems, phone: 07426 95-3823.

Order number: 900.79.512

**C 52 MT / C 62 MT-
series
SINUMERIK 840D / sl**

Repair and Maintenance Seminar Mechanical System

Course contents:

MACHINE

- Safety briefing
- Spindle motor replacement
- Geometrical measurement
- Tool magazine
- Clamping A-axis
- Start-up rotary table
- Hydraulic system
- Pneumatic system
- Central grease lubrication
- Coolant system
- Measuring systems
- Drive spindles
- Maintenance work

Learning goal:

The participant is able to perform simple repair, service and maintenance work of mechanical nature on the machine.

Course duration:

2,5 days, 1st day from 01:00 PM till 04:00 PM
2nd day from 08:00 AM till 04:00 PM
3rd day from 08:00 AM till 04:00 PM

Course location:

Hermle AG, Gosheim

Prerequisite: Mechatronican, completed mechanical training, skilled worker training or training as foreman or engineer. The usage of safety working shoes for practical part of the training is required!

Note:

This machine is a major project!

Booking and sale only after consultation with the Department of Service Information Systems, phone: 07426 95-3823.

Order number: 900.79.513

Customer-specific Special Training

If desired, training may also take place on-site at the customer's.

The training topics, the main focus and the duration are agreed upon between the customer and HERMLE. In general, courses are given in German but may also be held in English, if desired.

For customer-specific special training, we will draw up a special offer containing all conditions agreed upon.

Please note that for the duration of the training you will have to provide a machine which will not be available for production purposes during that time.

Registration / Contact

For registration / reservation contact please:

Maschinenfabrik Berthold Hermle AG

Dept. Serviceinformationssystem
Industriestraße 8-12
D-78559 Gosheim

Mr. Josip Vučetić

Group leader Serviceinformationssystem

Phone: 07426 95-3823

e-mail: technische.schulung@hermle.de

Course fee

The course fee includes:

- Training
- Courseware on USB-Stick
- Lunch
- Breaktime snack

The course fee does not include costs for travel, accomodation, breakfast and supper.

Resignation

Participants who cancel their registration within 1 week prior to the start of training without naming a substitute will be charged a processing fee of € 250,- plus VAT per person.

A participant who misses the training without excuse will be charged the entire training fee.

The courses only take place if a sufficient number of participants have enrolled.

The Berthold Hermle AG reserves the right to cancel or postpone training dates at short notice for good reasons without any legal consequences for the company. Any costs caused by cancellation of the training will not be paid by Berthold Hermle AG.

Arrival by car

You can reach us via the A 81, Rottweil exit. Travel on highway B 14 in the direction of Tuttlingen, until you reach the Frittlingen/Denkingen junction. From there follow the highway through Frittlingen and Denkingen to Gosheim.

From Tuttlingen, take the route through Spaichingen and Denkingen. In Gosheim, follow the bypass route in the direction of Wehingen. Turn off at the roundabout onto the industrial complex road (Weiher industrial area) and follow the signs.

From Schömberg, drive through Deilingen and Wehingen to Gosheim. Turn off at the roundabout just before Gosheim onto the industrial complex road (Weiher industrial area) and follow the signs.

Maschinenfabrik Berthold Hermle AG

Industriestraße 8-12

78559 Gosheim

Deutschland

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