Sumitomo SHI DEMAG

Training Program 2027

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For a permanently perfect Performance .

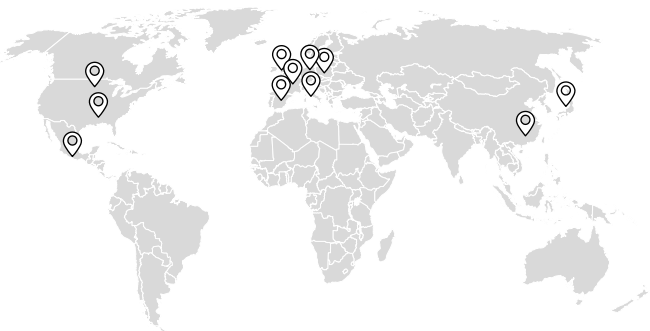
Thank you for choosing Sumitomo (SHI) Demag.

Now it's your employees' turn.

Because of course your investment must pay off quickly and reliably. From day one, for years to come. This includes not only the necessary technical performance, but also the competent and efficient operation and control of our injection molding machines by highly trained personnel. We are happy to take responsibility for this - with our experienced and competent training team. Certified trainers impart the training content in a practical, professional and personal manner. With over 125,000 machines on the market, you can be confident that we are a strong partner who will continue to support you successfully in the future. With sustainable performance in every respect.

International training

We conduct regionally tailored training courses on machine operation, process engineering, machine technology and automation at various locations around the world. Find out about the training courses on offer in the respective country. Of course, we also conduct our training courses worldwide at your plant.



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Seminars 2027
Qualification through training

"An investment in knowledge still brings always the best interest rates. "
(Benjamin Franklin)

What is training?
Training is the systematic preparation of employees for a specific task.
Task. This includes training and further education as well as repetition and
Deepening knowledge.

Why training?
An investment in the training of your employees pays off in the form of better
and more effective use of our products.
Our top priority is to ensure that course participants are able to transfer the
knowledge they have acquired into everyday practice in the best possible way. This
philosophy is reflected in every single module of our training program.

Individual training programs
We support you in determining the training needs of your employees and
the selection of individual training content. Develop with us a customized
Training plan optimized to your needs according to the certification requirements
(e.g. ISO900x / VDA 6.x).

Discuss the composition of the topics, the scheduling directly with us
as well as the selection of the training location.

In addition to the training program booklet, you can also use the detailed presenta-
tion of
any of our seminars on our Sumitomo (SHI) Demag website.

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Seminars 2027

Effectiveness through a modular Training program

Our training courses are geared towards the entire production chain of injection molding production:

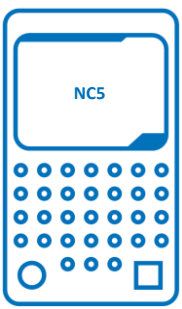
A. Online seminars and workshops

Our online seminars cover specific topics from the entire spectrum of our training offer. The webinars provide detailed information and space for discussion.



B. Machine operation

In addition to the modular seminars on the NC5 operator terminal, we also continue to offer courses on the Ergocontrol NC4 machine control system.
Starting in the third quarter, training sessions on the NC20 controller will also be available upon request.



Operating the NC5 plus control unit

El-Exis | IntElect | Flexible processes

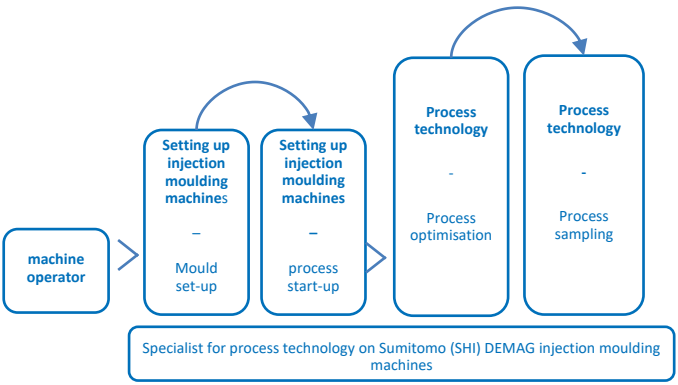
Multi | LSR | MuCell

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C. Injection molding process engineering

Depending on the tasks of your employees, we offer a modular training concept in the field of process engineering. Here you will find courses for your machine operator, who learns about the process and how to use the injection molding machine, as well as a 2-stage training course for injection molding machine setters. Your employees who carry out process optimization and mould sampling gain further qualifications in the Process Technician I and II courses. An examination is held at the end of both the setter and process technician courses. Once a participant has passed all 4 examinations, they receive the certificate

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D. Machine technology

Our seminar offerings in the field of mechanical engineering are divided into two areas. “Mechanical Engineering – Maintenance” provides basic knowledge of injection molding machine technology, as well as instruction on performing maintenance tasks on all model series.

Machine Technology - Maintenance



Systec / El-Exis



IntElect 2 / PAC-E



IntElect smart

The machine technology courses specific to each series also provide in-depth knowledge for independent troubleshooting. It is not necessary to have previously taken the “Machine Technology – Maintenance” course, as maintenance topics are covered in the respective machine technology course.

E. Automation

The automation seminars cover the well-known SDR robot series with Visual 2/3 control as well as the new SAM-C robot series. The courses cover solutions simple tasks, program structuring and implementation options for complex production processes.

Basic course

SDR
SAM-C

Teach programming

SDR
SAM-C

Extended Teach programming

SDR
SAM-C



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A. Online

	Online training
	The 1-hour webinars provide competent background knowledge on applications and functions related to injection molding with Sumitomo (SHI) DEMAG injection molding machines in an open discussion round
PREREQUISITE	No previous knowledge required
TARGET GROUP	Foreman / Production Manager / Process Technician (m/f/d)
TOPICS	• New machine control functions • Application of standard functions from the fields of: - Process engineering - machine technology - automation Ask for the current topics by email: sdg.training@shi-g.com
AIM	Targeted use of new and existing functions and applications
SEMINAR DURATION	1 hour
DATES	On request

This seminar takes place on your PC in German and English.
You will need stable Internet access, preferably LAN

Subject to change without notice

B. Operation

Operation NC5 plus

	This seminar focuses on the operation and use of the NC5 plus machine control system. The participant should become familiar with its functions and possibilities.
PREREQUISITE	Knowledge of the injection molding process; Experience with NC-controlled injection molding machines
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Operating philosophy: Structure and basic functions of the NC5 operating terminal • Elementary image pages for setting up the clamping and injection unit • Programming the basic tool sequence and active tool protection • Creating injection and holding pressure holding pressure profiles • Optimizing and safeguarding the process parameters • Practical training on the machine
AIM	Safe operation of the NC5 controller
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held as a special seminar in Wiehe or at your premises, in English if required. Please give us a call.

Subject to change without notice

B. Operation

Operation NC20

	This seminar focuses on the operation and use of the NC20 machine control system. Participants will become familiar with its functions and capabilities.
PREREQUISITE	Knowledge of the injection molding process
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Operating Philosophy: Structure and Basic Functions of the NC20 Operator Terminal • Basic screens for setting up the clamping and injection units • Programming the basic mold cycle and active mold protection • Creating injection and hold pressure profiles • Optimizing and validating process parameters • Hands-on training on the machine
AIM	Safe Operation of the NC20 Control System
SEMINAR DURATION	2 days
PRICE	On Request
DATES	On Request (Q3 2027)

The seminars are conducted in German.
This seminar can also be offered as a special seminar in Wiehe, at your location, or—upon request—in English. Please give us a call.

Subject to change without notice

B. Advanced seminar on operation

	Advanced seminar Operation El-Exis SP
	This seminar is an extension of the "NC5 plus operation" seminar. The participant should become familiar with the specific functions and possibilities of the El-Exis SP machine series.
PREREQUISITE	Seminar "NC5 plus operation"
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Continued image pages for setting up the clamping and injection unit • Programming the basic tool sequence and active tool protection • Programming of parallel tool and machine sequences • Image pages and functions for optimizing the injection moulding process, taking into account the special features of the El-Exis SP • Operating the measured value acquisition (MWE) and cycle time analysis
AIM	Safe operation of the NC5 controller
SEMINAR DURATION	1 day
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held as a special seminar in Wiehe or at your premises, in English if required. Please give us a call.

Subject to change without notice

B. Advanced seminar on operation

	Advanced seminar Operation IntElect NC5 plus
	This seminar is an extension of the "NC5 plus operation" seminar. The aim is to familiarize participants with the specific functions and possibilities of the IntElect machine series.
PREREQUISITE	Seminar "NC5 operation"
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Continued image pages for setting up the clamping and injection unit • Programming the basic tool sequence and active tool protection • Setting clamping force levels • Programming of parallel tool and machine sequences • Setting the "activeLock" non-return valve • Setting "activeFlowBalance" • Operating the measured value acquisition (MWE) • Practical training on the machine
AIM	Safe handling of the machine functions
SEMINAR DURATION	1 day
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held as a special seminar in Wiehe or at your premises, in English if required. Please give us a call.

Subject to change without notice

B. Advanced seminar on operation

	Advanced seminar Flexible tool and machine sequences NC5 plus
	This seminar is an extension of the "NC5 plus operation" seminar for the safe use of the freely programmable machine sequence. machine sequence.
PREREQUISITE	Seminar "NC5 plus operation"
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Operating philosophy of sequence programming • Free programming of ejector and core pulls • Setting machine sequences • Programming parallel sequences • Practical training on the operating terminal
AIM	Reliable programming of tool and machine sequences
SEMINAR DURATION	1 day
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held as a special seminar in Wiehe or at your premises, in English if required. Please give us a call.

Subject to change without notice

B. Advanced seminar on operation

	Advanced seminar Operation Multi NC5 plus
	This seminar is an extension of the "NC5 plus operation" seminar on safe operation and use the "Multi" multi-component machine.
PREREQUISITE	Seminar "NC5 plus operation"
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Operating philosophy of sequence programming • Free programming of ejector and core pulls • Functions of the injection units • Setting machine sequences • Programming of parallel injection sequences • Programming rotary functions • Practical training on the operating terminal
AIM	Safe handling of the machine functions
SEMINAR DURATION	1 day
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held as a special seminar in Wiehe or at your premises, in English if required. Please give us a call.

Subject to change without notice

B. Advanced seminar on operation

	Advanced seminar Operation LSR NC5 plus
	This seminar is an extension of the "NC5 plus operation" seminar for safe operation and use of the "LSR" screen pages.
PREREQUISITE	Seminar "NC5 plus operation"
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Operating philosophy of sequence programming • Settings for the shut-off nozzle • Settings for the brush unit • Functions of the injection unit • Programming the inputs and outputs • Programming the evacuation and ventilation tool functions • Practical training on the operating terminal
AIM	Safe handling of the machine functions
SEMINAR DURATION	1 day
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held as a special seminar in Wiehe or at your premises, in English if required. Please give us a call.

Subject to change without notice

B. Advanced seminar on operation

	Advanced seminar Operation MuCell NC5 plus
	This seminar is an extension of the "NC5 plus operation" seminar for the safe operation and use of the "Mucell" screen pages.
PREREQUISITE	Seminar "NC5 plus operation"
TARGET GROUP	Setter / shift supervisor / foreman / Production Manager (m/f/d)
TOPICS	• Operating philosophy of sequence programming • Settings for the shut-off nozzle • Functions of the injection unit • Programming the tool functions • Programming the "MuCell" image pages • Practical training on the operating terminal
AIM	Safe handling of the machine functions
SEMINAR DURATION	1 day
DATES Schwaig	On Request

The seminars held in German.
This seminar can be held as a special seminar at your premises, also in English if required. Please give us a call.

Subject to change without notice

Machine operator

	This seminar deals with the handling of injection molding machines that are in production. The participant learns the process sequence and the structure and function of the production equipment. He recognizes and evaluates the causes of malfunctions and can safely bring the machine and the robot back into production.
PREREQUISITE	No previous knowledge required
TARGET GROUP	employee (m/f/d)
TOPICS	• Injection molding machine design • Cycle sequence • Safety-relevant elements • Alarm messages and alarm responses • Stopping and starting the machine • Basic position of the robot • Safety and hazards when handling injection molding machines • Practical training on the machine
AIM	Safe handling of Sumitomo (SHI) Demag injection molding machines in production
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held as a special seminar in Wiehe or at your premises, in English if required. Please give us a call.

Subject to change without notice

C. Process engineering

Mold setter module I
Mold set-up

	Introduction to injection molding technology in theory and practice. In intensive, practical training, the participant learns how to set up an injection mold and how to make the necessary entries for the clamping unit in the NC5 plus machine control system.
PREREQUISITE	No previous knowledge required
TARGET GROUP	Machine Operator / Setter (m/f/d)
TOPICS	• Basics of injection molding technology • Injection molding machine design • Structured set-up drain • Setting up the injection mold • Operating the NC5 plus control unit • Setting up the clamping unit • Safety and hazards when setting up the machine • Final test • Practical training on the machine
AIM	Independent set-up and operation of a Sumitomo (SHI) Demag injection molding machine
SEMINAR DURATION	3 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can be held as a special seminar at your premises, also in English if required. Please give us a call.

Subject to change without notice

Mold setter module II
Process start-up

	In-depth knowledge of injection molding technology in theory and practice. In intensive, practical training, the participant learns how to prepare the production chain, set, evaluate and adjust the injection molding process. He evaluates the quality requirements and prepares the documentation of the set processes using the corresponding image pages of the NC5 plus machine control system.
PREREQUISITE	Setting up injection molding machines Module I - Tool set-up
TARGET GROUP	Machine Operator / Setter (m/f/d)
TOPICS	• Design of the injection molding machine • Structure and properties of plastics • Tool technology • Process preparation • Operating the NC5 plus control unit • Basic setting of the injection molding process • Setting up the injection unit • Starting up the machine • Final test • Practical training on the machine
AIM	Independent start-up and operation of a Sumitomo (SHI) Demag injection molding machine
SEMINAR DURATION	3 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can be held as a special seminar at your premises, also in English if required. Please give us a call.

Subject to change without notice

C. Process engineering

Process Technology Module I
Process optimization

	This seminar focuses on recognizing the correlations between injection moulding parameters, as well as faults in injection moulded parts and their causes.
PREREQUISITE	Setting up injection molding machines Module II - Process start-up
TARGET GROUP	Setter / shift supervisor / foreman / quality assurance employee / production manager (m/f/d)
TOPICS	• Behavior of thermoplastic polymer melts • Hot runner technology • Basic setting of the process parameters • Influence of the parameters on part quality • Optimizing the cycle time • Operation of the necessary NC5 screen pages • Analysis of energy consumption • Practical exercises on the machine • Final test
AIM	Detecting faults in injection molded parts developing solutions in stable processes
SEMINAR DURATION	3 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can be held as a special seminar at your premises, also in English if required. Please give us a call.

Subject to change without notice

C. Process engineering

Process Technology Module II
Process sampling

	The participant learns the structured procedure for tool sampling and calculates the design of the machine. The process curves are used to analyze, evaluate and improve the set process.
PREREQUISITE	Process Technology Module I - Process Optimization
TARGET GROUP	Setter / shift supervisor / foreman / quality assurance employee / production manager (m/f/d)
TOPICS	• Structured tool sampling • Creating checklists • Calculation of the machine design • Operating the NC5 plus screen pages • Analysis with process curves • Practical exercises on the machine • Final test
AIM	Safe and systematic approach to the sampling of new processes.
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can be held as a special seminar at your premises, also in English if required. Please give us a call.

Subject to change without notice

C. Process engineering

LSR process technology

	Introduction to the process technology of processing liquid silicone rubbers
PREREQUISITE	Good knowledge of the injection molding process Experience with NC5-controlled injection molding machines
TARGET GROUP	Setter / shift supervisor / foreman (m/f/d)
TOPICS	• Properties and processing of silicones • Process management • Tool technology • Machine technology • Mixing and dosing the components • Practical training on the machine
AIM	Confident handling of LSR process technology
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can be held as a special seminar at your premises, also in English if required. Please give us a call.

Subject to change without notice

C. Process engineering

MuCell process technology

	Introduction to the process engineering of processing foamed materials
PREREQUISITE	Good knowledge of the injection molding process Experience with NC5-controlled injection molding machines
TARGET GROUP	Setter / shift supervisor / foreman (m/f/d)
TOPICS	• Process control during foaming • Tool technology • Machine technology • Practical training on the machine
AIM	Confident handling of the MuCell process technology
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can be held as a special seminar at your premises, also in English if required. Please give us a call.

Subject to change without notice

Machine technology
Systec / El-Exis SP

	This seminar provides knowledge about the technology of the hydraulic and hybrid injection molding machines Systec and El-Exis SP and their maintenance.
PREREQUISITE	Basic knowledge of hydraulics, mechanics and electrics
TARGET GROUP	Maintenance and repair personnel (m/f/d)
TOPICS	• Operating the NC5 control unit • Hydraulic, mechanical and electrical design of the injection molding machines • Reading hydraulic and circuit diagrams • Electrical control of hydraulic components • Interaction of mechanics, hydraulics and controls • Calibration of pumps • Troubleshooting • Creating and editing maintenance tasks in the NC5 controller • Wear detection • Carrying out maintenance • Practical training
AIM	Safe handling of injection molding machines of the Systec and El-Exis SP series, independent error analysis, troubleshooting and maintenance
SEMINAR DURATION	4 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

D. Machine technology

Machine technology IntElect 2 / PAC-E

	This seminar provides knowledge about the technology of the all-electric injection molding machines IntElect 2 and PAC-E and their maintenance.
PREREQUISITE	Basic knowledge of electrical engineering and the mechanical functions of an injection molding machine
TARGET GROUP	Maintenance and repair personnel (m/f/d)
TOPICS	• Operation of the NC5 control unit, • Use of specific image pages • Operation of the control system • Frequency-controlled drives • Interaction of mechanics drives and controls • Series-specific special features • Handling of the electrical diagram and Use of the NC5 service pages operating terminal for troubleshooting and troubleshooting • Creating and editing maintenance tasks Maintenance tasks in the NC5 controller • Wear detection • Carrying out maintenance • Practical training
AIM	Safe handling of the injection machines of the IntElect 2 and PAC-E series, independent error analysis, troubleshooting and maintenance
SEMINAR DURATION	4 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

D. Machine technology

	Machine technology IntElect smart
	This seminar provides knowledge about the technology of the all-electric injection molding machine IntElect smart and its maintenance.
PREREQUISITE	Basic knowledge of electrical engineering and the mechanical functions of an injection molding machine
TARGET GROUP	Maintenance and repair personnel (m/f/d)
TOPICS	• Operation of the NC5 control unit, • Use of specific image pages • Operation of the control system • Frequency-controlled drives • Interaction of mechanics drives and controls • Series-specific special features • Handling of the electrical diagram and Use of the NC5 service pages operating terminal for troubleshooting and troubleshooting • Creating and editing maintenance tasks Maintenance tasks in the NC5 controller • Wear detection • Carrying out maintenance • Practical training
AIM	Safe handling of the IntElect Smart injection molding machine, independent error analysis, troubleshooting and maintenance
SEMINAR DURATION	4 days
DATES	On request

The seminars held in German at your premises.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

D. Machine technology

Maintenance

	This seminar provides basic knowledge about the technology of injection molding machines and the execution of maintenance tasks.
PREREQUISITE	Basic technical understanding, initial experience with injection molding machines
TARGET GROUP	Machine operator / setter / maintenance personnel (m/f/d)
TOPICS	• Basics of the NC5 controller • Use of specific image pages • Interaction of mechanics, Drives and controls • Handling the electrical diagram • Use of the NC5 service pages operating terminal for troubleshooting and troubleshooting • Carrying out individual repair and maintenance tasks • Practical training
AIM	Acquire basic knowledge of the technical design of injection moulding machines, recognize and rectify simple faults, carry out maintenance tasks.
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

SDR Robot:
Basic course Visual 2/3

	This seminar provides an overview of the operating philosophy and the basic functions of the 3- to 5-axis robotic devices with Visual 2/3* control, as well as the application and programming options of the "Simple Pick & Place" wizard for creating simple removal sequences.
PREREQUISITE	Experience with CNC-controlled robotic devices, knowledge of the injection molding machine process
TARGET GROUP	Machine operator / setter / programmer (m/f/d)
TOPICS	• Operating philosophy of the Visual 2/3* control system • Starting and stopping the machine cycle when operating with robotic device • Handling of the "simple removal module" for "simple pick & place" applications • Signal exchange between injection molding machine and robotic device according to Euromap 67 • Adaptation of the program-specific cycle parameters • Programming of a simple removal cycle with "Simple Pick & Place" applications • Practical training
AIM	Getting to know the Visual 2/3* functions; programming a simple removal process with the "Simple Pick & Place" wizard
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

***Note: The Visual 4 control system is not included in the seminar**

Subject to change without notice

SDR Robot:
Teach programming Visual 2/3

	The focus of the seminar is the introduction to programming 3- to 5-axis robotic devices with Visual 2/3* control The participant should be familiarized with the robotic device and its functions.
PREREQUISITE	Basic knowledge of the SDR robot series with Visual 2/3* controller (Module I)
TARGET GROUP	Setter, programmer (m/f/d)
TOPICS	• Deepening the handling and operation of the robotic device • Handling the "simple removal module" • Signal and data exchange / backup between injection molding machine and robotic device • Getting started with free programming • Creation of a simple program sequence with the text editor • Setting the cycle parameters • Configuration of the most important cycle options • Practical training on the robotic device
AIM	Creation and modification of a simple removal program in "free programming Safe handling of the robotic device.
SEMINAR DURATION	3 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

***Note: The Visual 4 control system is not included in the seminar**

Subject to change without notice

SDR Robot: Advanced teach programming Visual 2/3

	Building on the topics covered in Module 2, this course explains the extended programming options of the SDR CNC control of 3- to 5-axis robotic devices and puts them into practice. The scope of application ranges from simple removal programs to the implementation of complex production tasks.
PREREQUISITE	Programming knowledge of the Visual 2/3* control system (Module II)
TARGET GROUP	Setter / Programmer (m/f/d)
TOPICS	• Structure and structuring options for teach programs • Creation of the program sequence with the text editor • Programming of branches and partial and subprograms • Programming a storage scheme • Integration of peripheral components into the Program schedule • Optimization of the cycle time • Configuration of the cycle options • Practical training on the robotic device with injection molding machine simulator
AIM	Independent creation of complex teaching programs; optimization of program sequences
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

***Note: The Visual 4 control system is not included in the seminar**

Subject to change without notice

SAM-C Robot: Basic course

	This seminar provides an overview of the operating philosophy and the basic functions of the 3- to 5-axis robotic devices of the SAM-C series with NC5 control.
PREREQUISITE	Experience with CNC-controlled robotic devices, knowledge of the injection molding machine process
TARGET GROUP	Machine operator / setter / programmer (m/f/d)
TOPICS	• Operating philosophy of the SAM-C robot controller • Starting and stopping the machine cycle during operation with robotic device • Signal exchange between injection molding machine and Robotic device according to Euromap 67 • Adaptation of the process-relevant parameters • Practical training
AIM	Getting to know the robot basic functions
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

SAM-C Robot: Sequence programming

	The seminar focuses on an introduction to programming SAM-C linear robots with NC5 controllers. The goal is to familiarize participants with the programming of the robot and its functions.
PREREQUISITE	Experience with CNC-controlled robotic systems, knowledge of the injection molding machine process
TARGET GROUP	Setter / Programmer (m/f/d)
TOPICS	• Deepening the handling and operation of the SAM-C robotic device • Signal and data exchange / backup between injection molding machine and robotic device • Getting started with free programming • Creating a simple program sequence with the sequence editor (graphical) for the overall startup and the sequence editor (icon) for partial sequences • Setting and adjusting the process-relevant parameters • Configuration of the work and safety areas • Practical training on the robotic device
AIM	Creation of a program run; Safe handling of the robotic device.
SEMINAR DURATION	3 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

SAM-C-Robot: Advanced sequence programming

	Building on the topics covered in the “Sequence Programming” course, this course explains the advanced programming capabilities of the SAM-C controller and puts them into practice. Applications range from simple picking programs to the implementation of complex manufacturing tasks.
PREEQUISITE	Programming skills for the SAM-C controller
TARGET GROUP	Setter / Programmer (m/f/d)
TOPICS	• Design and structuring options for teach programs • Programming branches as well as main sequence and sub sequences • Programming a deposite scheme • Integrating peripheral components into the program sequence • Using parallel sequences • Optimizing cycle time • Hands-on training on the robot system with an injection molding machine simulator
AIM	Independently creating complex teach programs; optimizing program sequences.
SEMINAR DURATION	2 days
PRICE	On Request
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

E. Automation

SAM-C Maintenance & robotics

	This seminar provides basic knowledge of SAM-C linear robot technology and the performance of maintenance tasks.
PREREQUISITE	Basic technical understanding
TARGET GROUP	Machine operators / setters / maintenance personnel (m/f/d)
TOPICS	• Operating philosophy of the SAM-C Robot control system • Interaction of mechanics, drives, and control system • Handling the electrical diagram • Using the service pages of the NC5 operating terminal for troubleshooting. • Performing individual repair and maintenance tasks • Practical training
AIM	Acquiring basic knowledge of the technical structure of the SAM-C linear robot, recognizing and rectifying simple faults, performing maintenance tasks.
SEMINAR DURATION	2 days
DATES Schwaig	On Request

The seminars held in German.
This seminar can also be held in English as a special seminar on request. Please give us a call.

Subject to change without notice

Special seminars

For various reasons, a special seminar at your premises or directly at our plants in Schwaig or Wiehe may also be appropriate.

You can determine the course program and the date individually in consultation with us. These seminars can also be held in English.

TOPICS

Special seminars can include topics from our training program as well as topics specifically tailored to your requirements.

- Operation of the Ergocontrol NC4, NC5 and NC5 plus controller generations
- Process engineering multi-color / multi-component injection molding
- Maintenance, electrics and hydraulics, Ergocontrol NC4,
  NC5 and NC5 plus operator terminal,
- As well as operation and programming of SDR 3 to 5-axis robotic devices with Visual 2 control
- As well as operation and programming of SAM-C 3- to 5-axis robotic devices with NC5 controller
- Machine technology IntElect 2, IntElect smart

Please talk to us. We will be happy to coordinate the content and dates - also on Saturdays - for a special seminar with you.

Subject to change without notice

Contact person / Registration

Do you have questions about seminar content, seminar procedures organization, we are at your disposal at any time.
gladly at your disposal.

CONTACT PERSON
Mr. Michael Seibold
Phone: +49 911 5061-444
E-mail: sdg.training@shi-g.com

LOCATION Schwaig plant
Altdorfer Str. 15
90571 Schwaig
Phone: +49 911 5061-0

REGISTRATION
Please register as early as possible (at the latest
two weeks before the start of the seminar), as the number of participants is limited for all seminars.

Your options
You use our "Seminar registration" form, which
enclosed with the training program, or you can contact
quickly and easily via the Internet:

www.sumitomo-shi-demag.eu/de/service/training

With the confirmation of your registration you will receive
further details.

PERFORMANCE
The course fee includes
- Course materials, tailored to the respective course
- Practical exercises on special training machines
- Lunch
- Drinks during breaks

NOTE
We ask you to wear suitable work clothing.

Subject to change without notice

Conditions of participation

CANCELLATION

If a booking is canceled within 10 days before the start of the course, the flat-rate fee is 100% unless a replacement participant is named. We reserve the right to cancel, postpone or combine courses if the number of participants is too low or in cases of force majeure.

TERMS OF PAYMENT

All prices are subject to VAT.
The amount of the costs can be found in the respective Seminar contents.
In addition, our General Terms and Conditions for Deliveries and services (as at 01.01.2025).

ACCOMMODATION

-Please make your room reservation directly at the hotel. You will find a selection of hotels near the training venue on the next page.
- Accommodation costs are to be borne by the participants themselves and are not included in the course fees.
- Reservations, changes or cancellations of the Hotels must be booked by the participant.
- Costs incurred as a result of canceling the hotel reservation are not assumed by Sumitomo (SHI) Demag.
will not be assumed.

The personal data that you provide to us as part of this registration will only be used to process your registration and participation. It will not be passed on to third parties. You have the right to withdraw your consent at any time with effect for the future. In this case, your personal data will be deleted immediately. Your personal data will be deleted if you withdraw your consent to storage. This also happens if storage is not permitted for other legal reasons. You can obtain information about the personal data stored about you at any time. Detailed information on data protection and the handling of personal data can be found in the general privacy policy of our website.

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Hotels in Schwaig and the surrounding area

SCHWAIG

Schwaiger Hof
90571 Schwaig,
Röthenbacher Straße 1b
Phone: +49 911 506 989 0
E-mail: sh@avenon.de
www.hotel-schwaigerhof.de
Distance: 0.3 km

Am Steinberg
90552 Röthenbach,
Werner-von-Siemens-Str. 25c
Phone: +49 911 995 75-0
E-mail: as@avenon.de
www.hotel-am-steinberg.de
Distance: 3 km

Löhner
91227 Diepersdorf,
Diepersdorfer Hauptstraße 13
Phone: +49 9120 186 0
www.landgasthof-loehner.com
Distance: 9 km

Grüner Baum
91227 Diepersdorf, Diepersdorfer Hauptstraße 32
Phone: +49 9120 210
www.gruenerbaum-schorr.de
Distance: 9 km

Weisses Ross
90571 Behringersdorf,
Schwaiger Straße 2
Phone: +49 911 506 988 0
E-mail: info@weissesross.de
www.weissesross.de
Distance: 1.5 km

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Notes

All details and information in this brochure have been compiled by us with the utmost care.
Although we have compiled this information with the utmost care, we cannot guarantee its accuracy.

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