



## Mikron Service Solutions

### Business Support

To guarantee continuous use of your investment

### Customer Training



## Setter Multistar™-mec



### Who should come ?

This course is of interest to everyone running and setting up the Multistar™-mec machine:

- Setters
- Operators
- Production managers
- Project managers

**Multistar™-mec machines:**

- LX-12
- LX-24
- CX-24

no CNC units

### Objectives:

- To acquire knowledge for high performance production

### Contents:

- Machine concept
- Components of the machine and periphery
- Use, diagnostics and settings of the machine
- Machine documentation
- Machining process: units and tools
- Correction of parts
- Basics about changeover
- Settings and regular controls on:
  - base machine
  - loading / unloading / handling
  - machining and process control units
  - collets
  - periphery equipment and service fluids (pneumatics, hydraulics, lubrication)
- Modem
- Employee and environmental safety
- Know your partners at Mikron SA Agno/Mikron Tool

### Important remark:

- The training will be tailored to the prerequisites of participants and configuration of the machine.

### Type of Training:

- Basic Mikron Training

### Languages:

- English
- German
- Italian
- French
- Dutch
- other languages upon request

### Duration:

- 3 days

### Location:

- at Mikron SA Agno or
- at Customer's facility

### Number of participants:

- maximum 4 people from the same Company

### Prerequisites:

- none

### In the price included:

- Customer specific training setup
- Training documentation
- Lunch in the Mikron Restaurant
- Refreshments

### Training Certificate:

- each participant will receive a Training Certificate

### Contact :

Local Serviceline

**Mikron SA Agno**

Casella Postale 115

CH – 6903 Lugano 3

Tel +41 91 6106 161

Fax +41 91 6106 681

[service.mag@mikron.com](mailto:service.mag@mikron.com)

Our complete Service Solutions  
under [www.mikron.com](http://www.mikron.com)





## Mikron Service Solutions

### Business Support

To guarantee continuous use of your investment

### Customer Training



## Electromechanical maintenance Multistar™-mec



### Who should come ?

This course is of interest to everyone involved in performing maintenance and keeping up the Multistar™ CX/LX machine:

- Electrical maintenance personnel
- Mechanical maintenance personnel
- Maintenance managers
- Advanced setters

**Multistar™-mec machines:** . LX-12  
no CNC units . LX-24  
. CX-24

### Objectives:

- To acquire knowledge for an efficient mechanical and electrical maintenance

### Contents:

- Machine concept
- Components of the machine and periphery
- Introduction to the use, diagnostics and settings of the machine
- Machine documentation
- Mechanical and electrical settings, replacements, regular controls and maintenance on:
  - base machine
  - loading / unloading / handling
  - machining and process control units
  - collets
  - periphery equipment and service fluids (pneumatics, hydraulics, lubrication)
- Machine control: software and hardware
- Controls and settings on electrical equipment (PLC, converters, sensors)
- Modem
- Employee and environmental safety
- Know your partners at Mikron SA Agno/Mikron Tool

### Important remark:

- The training will be tailored to the prerequisites of participants and configuration of the machine.

### Type of Training:

- Basic Mikron Training

### Languages:

- English
- German
- Italian
- French
- Dutch
- other languages upon request

### Duration:

- 4 days

### Location:

- at Mikron SA Agno or
- at Customer's facility

### Number of participants:

- maximum 4 people from the same Company

### Prerequisites:

- none

### In the price included:

- Customer specific training setup
- Training documentation
- Lunch in the Mikron Restaurant
- Refreshments

### Training Certificate:

- each participant will receive a Training Certificate

### Contact :

Local Serviceline

**Mikron SA Agno**  
Casella Postale 115  
CH – 6903 Lugano 3

Tel +41 91 6106 161

Fax +41 91 6106 681

[service.mag@mikron.com](mailto:service.mag@mikron.com)

Our complete Service Solutions  
under [www.mikron.com](http://www.mikron.com)





## Mikron Service Solutions

### Business Support

To guarantee continuous use of your investment

### Customer Training



## Introduction to Multistar™-mec



### Who should come ?

This course is of interest to everyone managing people, spare parts and products orbiting around the Multistar™-mec machine:

- Maintenance managers
- Production managers
- Purchase managers
- Project managers

**Multistar™-mec machines:** . LX-12  
no CNC units . LX-24  
. CX-24

### Objectives:

- To acquire general knowledge about Multistar™-CNC

### Contents:

- Machine concept
- Components of the machine and periphery
- Introduction to the use, diagnostics and settings of the machine
- Introduction to the machine documentation
- Basics about correction of parts and changeover
- Units and tools
- Machine applications
- Employee and environmental safety
- Know your partners at Mikron SA Agno/Mikron Tool

### Important remark:

- The training will be tailored to the prerequisites of participants and configuration of the machine.

### Type of Training:

- Basic Mikron Training

### Languages:

- English
- German
- Italian
- French
- Dutch
- other languages upon request

### Duration:

- 1 day

### Location:

- at Mikron SA Agno or
- at Customer's facility

### Number of participants:

- maximum 5 people

### Prerequisites:

- none

### In the price included:

- Customer specific training setup
- Training documentation
- Lunch in the Mikron Restaurant
- Refreshments

### Training Certificate:

- each participant will receive a Training Certificate

### Contact :

Local Serviceline

**Mikron SA Agno**

Casella Postale 115

CH – 6903 Lugano 3

Tel +41 91 6106 161

Fax +41 91 6106 681

[service.mag@mikron.com](mailto:service.mag@mikron.com)

Our complete Service Solutions  
under [www.mikron.com](http://www.mikron.com)





## Mikron Service Solutions

### Business Support

To guarantee continuous use of your investment

### Customer Training



## Operator Multistar™-mec



### Who should come ?

This course is of interest to production personnel running the Multistar™-mec machine:

- Machine operators
- Production managers
- Project managers

**Multistar™-mec machines:** . LX-12  
no CNC units . LX-24

. CX-24

### Objectives:

- To acquire knowledge for correct production operations on the machine.

### Contents:

- Machine concept
- Components of the machine and periphery
- Use, diagnostics and settings of the machine
- Machine documentation
- Machining process: units and tools
- Settings and regular controls on:
  - base machine
  - loading / unloading / handling
  - machining and process control units
  - collets
  - periphery equipment and service fluids (pneumatics, hydraulics, lubrication)
- Employee and environmental safety
- Know your partners at Mikron SA Agno/Mikron Tool

### Important remark:

- The training will be tailored to the prerequisites of participants and configuration of the machine.

### Type of Training:

- Basic Mikron Training

### Languages:

- English
- German
- Italian
- French
- Dutch
- other languages upon request

### Duration:

- 1 day

### Location:

- at Mikron SA Agno or
- at Customer's facility

### Number of participants:

- maximum 4 people from the same Company

### Prerequisites:

- none

### In the price included:

- Customer specific training setup
- Training documentation
- Lunch in the Mikron Restaurant
- Refreshments

### Training Certificate:

- each participant will receive a Training Certificate

### Contact :

Local Serviceline

**Mikron SA Agno**  
Casella Postale 115  
CH – 6903 Lugano 3

Tel +41 91 6106 161

Fax +41 91 6106 681

[service.mag@mikron.com](mailto:service.mag@mikron.com)

Our complete Service Solutions  
under [www.mikron.com](http://www.mikron.com)





## Mikron Service Solutions

### Business Support

To guarantee continuous use of your investment

### Customer Training



## Electrical maintenance Multistar™-mec



### Who should come ?

This course is of interest to everyone involved in performing electrical maintenance and keeping up the Multistar™ CX/LX machine:

- Electrical maintenance personnel
- Maintenance managers
- Advanced setters

**Multistar™-mec machines:**

- LX-12
- LX-24
- CX-24

no CNC units

### Objectives:

- To acquire knowledge for an efficient electrical maintenance

### Contents:

- Machine concept
- Components of the machine and periphery
- Introduction to the use, diagnostics and settings of the machine
- Machine documentation
- Electrical settings, replacements, regular controls and maintenance on:
  - base machine
  - loading / unloading / handling
  - machining and process control units
  - peripheral equipment
- Machine control: software and hardware
- Controls and settings on electrical equipment (PLC, converters, sensors)
- Modem
- Employee and environmental safety
- Know your partners at Mikron SA Agno/Mikron Tool

### Important remark:

- The training will be tailored to the prerequisites of participants and configuration of the machine.

### Type of Training:

- Basic Mikron Training

### Languages:

- English
- German
- Italian
- French
- Dutch
- other languages upon request

### Duration:

- 2 days

### Location:

- at Mikron SA Agno or
- at Customer's facility

### Number of participants:

- maximum 4 people from the same Company

### Prerequisites:

- none

### In the price included:

- Customer specific training setup
- Training documentation
- Lunch in the Mikron Restaurant
- Refreshments

### Training Certificate:

- each participant will receive a Training Certificate

### Contact :

Local Serviceline

**Mikron SA Agno**

Casella Postale 115

CH – 6903 Lugano 3

Tel +41 91 6106 161

Fax +41 91 6106 681

[service.mag@mikron.com](mailto:service.mag@mikron.com)

Our complete Service Solutions  
under [www.mikron.com](http://www.mikron.com)





## Mikron Service Solutions

### Business Support

To guarantee continuous use of your investment

### Customer Training



## Mechanical maintenance Multistar™-mec



### Who should come ?

This course is of interest to everyone involved in performing mechanical maintenance and keeping up the Multistar™ CX/LX machine:

- Mechanical maintenance personnel
- Maintenance managers
- Advanced setters

**Multistar™-mec machines:** . LX-12  
no CNC units . LX-24  
. CX-24

### Objectives:

- To acquire knowledge for an efficient mechanical maintenance

### Contents:

- Machine concept
- Components of the machine and periphery
- Introduction to the use, diagnostics and settings of the machine
- Machine documentation
- Mechanical settings, replacements, regular controls and maintenance on:
  - base machine
  - loading / unloading / handling
  - machining and process control units
  - collets
  - periphery equipment and service fluids (pneumatics, hydraulics, lubrication)
- Employee and environmental safety
- Know your partners at Mikron SA Agno/Mikron Tool

### Important remark:

- The training will be tailored to the prerequisites of participants and configuration of the machine.

### Type of Training:

- Basic Mikron Training

### Languages:

- English
- German
- Italian
- French
- Dutch
- other languages upon request

### Duration:

- 3 days

### Location:

- at Mikron SA Agno or
- at Customer's facility

### Number of participants:

- maximum 4 people from the same Company

### Prerequisites:

- none

### In the price included:

- Customer specific training setup
- Training documentation
- Lunch in the Mikron Restaurant
- Refreshments

### Training Certificate:

- each participant will receive a Training Certificate

### Contact :

Local Serviceline

**Mikron SA Agno**  
Casella Postale 115  
CH – 6903 Lugano 3

Tel +41 91 6106 161

Fax +41 91 6106 681

[service.mag@mikron.com](mailto:service.mag@mikron.com)

Our complete Service Solutions  
under [www.mikron.com](http://www.mikron.com)

