

CNC Machine

with linear motors

ModuFix®

- maximum dynamic
- high precision
- backlash- and maintenance-free



Figure:
ModuFix® 150 D
with x/y/z-unit as an example of use

General

ModuFix®-CNC machines are built modular, with high operating comfort for a variety of tasks and applications at an ideal price/performance ratio.

The basis is a frame with an x/y/z-unit with linear motors as well as a integrated control cabinet, monitor, touch screen and a keyboard.

ModuFix®-CNC machines are available as compact units in 4 standard sizes:

ModuFix® 10D
ModuFix® 15D
ModuFix® 150D
ModuFix® 200D

The x / y / z-unit can be individual used for all assembling, machining and testing tasks.

This affordable machine concept allows you maximum flexibility in production with very short amortisation time.

ModuFix®-CNC machines are according to the use, with stepper motors (series P) and servo motors (series V) and mixed (combination of servo + direct) available.

ModuFix®-ModuFix®-CNC machines have a multitude of use, e.g. for:

- Test and test set-ups of any type
- CNC technology (didactics) for education and training sector
- Flexible manufacturing technology

Technical specifications subject to change.



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Applications

ModuFix®-CNC Machines serve as the basic equipment for test and test set-ups as well as CNC technology for:

- Drilling and milling
- Assembling and mounting
- Imprinting and engraving
- Metering and Fastening
- Buring and polishing
- Bonding and casting
- Soldering and welding
- Measuring and testing
- Scanning
- ... etc.

Options

For ModuFix®-CNC machines, mechanical components (linear units, rotary units) and electronic components (step controller or servo controller) as well as equipment and tools for different requirements and applications are available:

- Drilling and milling spindle
- Frequency converter
- Toll changer
- Cooling / spraying device
- Extraction
- I/O-Module
- Protective cover

- Step motors
- Servo motors
- Pneumatic accessoires
- Vacuum clamping plates
- Applications
- Other dimensions (x/y/z)

Please let us help you to find the optimal configuration for your applications.

Technical specifications

	<i>ModuFix</i> 10D	<i>ModuFix</i> 15D	<i>ModuFix</i> 150 D	<i>ModuFix</i> 200 D
Total sizes WxDxH (mm)	1000 x 732 x 1560	1500 x 732 x 1560	1500 x 1082 x 1560	2000 x 1082 x 1560
Traversing range x/y/z (mm)	600 x 350 x 150	1100 x 350 x 150	1000 x 650 x 150	1500 x 650 x 150
Z-throughput (mm)	300			
Process speed (mm/s)	max. 2500 (depends on the application)			
Repeat accuracy (mm)	≤ 0,01			
Control	monitor with keyboard, touchscreen, function keys and emergency OFF switch			
Mechanical components	isel-Linear unit iLD with direct drive and bracket			
Electronic components	integrated cabinet			
Software optional	PAL-PC, Remote ProNC, isy CAD/CAM, SolidCAM, Windows			
Item.-No.*	248552 0005	248552 0006	248552 0007	248552 0008

* Applies to the basic equipment with protective cover. The single components can individually deviate for each customer.

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made by **isel**®

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