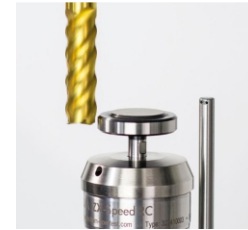


Available machine sizes

Modell No.	X Axys	Y Axys	Z Axys
IX 1505	500 mm	1.500 mm	200 mm
IX 1510	1.000 mm	1.500 mm	200 mm
IX 1515	1.500 mm	1.500 mm	200 mm
IX 1518	1.800 mm	1.500 mm	200 mm

Standard Machine

- Solid structure with metal housing
- Aluminum table with tap holes
- CNC control and servo motors from FANUC with HMI 21" touch screen
- Schneeburger transmission
- Precision gearboxes from Neugart
- Automatic lubrication of all axes
- Minimal cooling with air or spray and 9 liter tank
- Tool measurement from BLUM - ZX Speed
- Tool magazine with 24 places
- Warranty extension possible for a further 12 months



Optional equipment

- _H01_Spindle Type
- _H02 Direct measurement system
- _H03 Vacuum system _100, _200, _300 Cubic meters per Hour
- _H04 Tool magazine with 48 places
- _H05 Touch probe from BLUM Tc52 IR

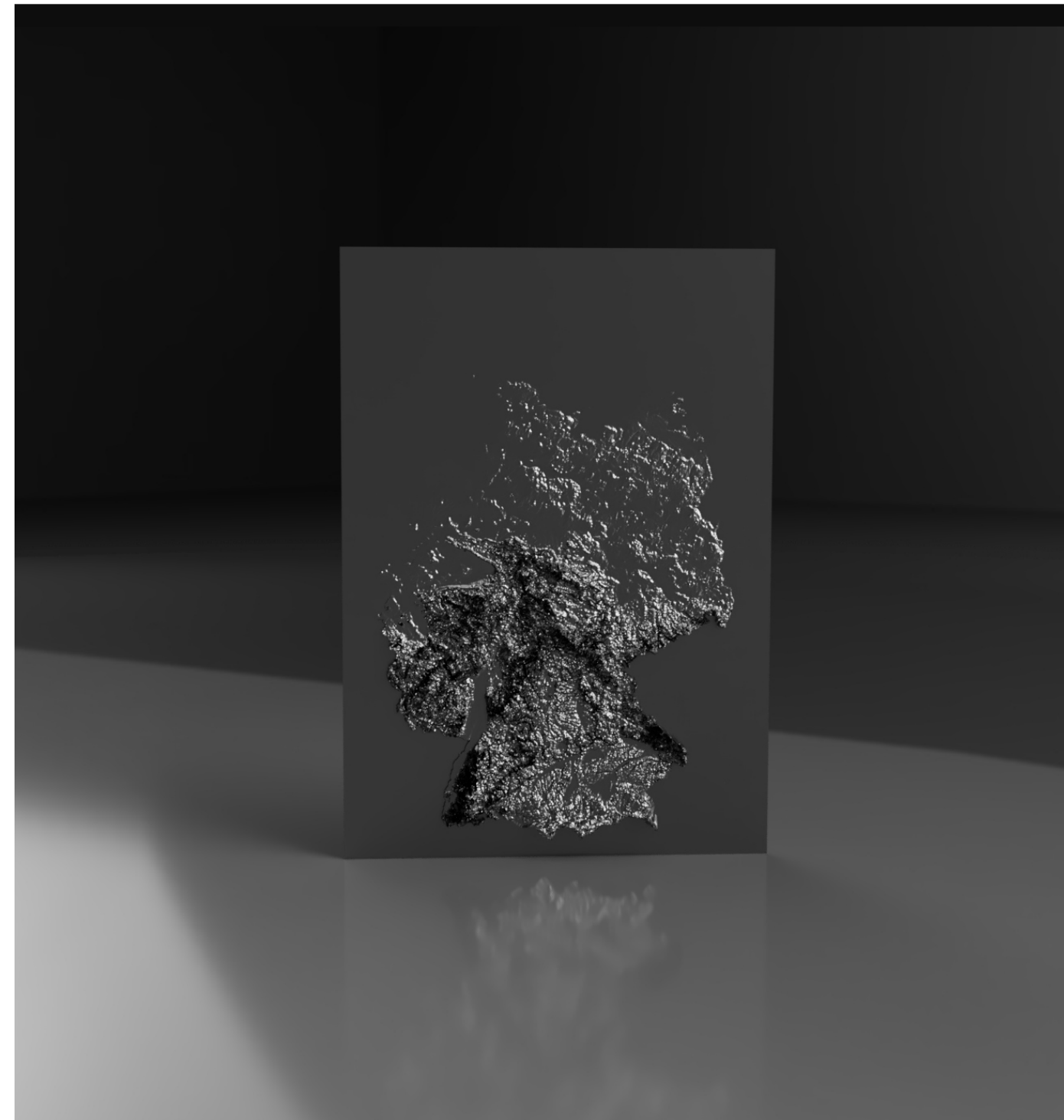


Environmental benefits

Monitoring option installed on each machine
It monitors the energy consumption of servo motors, spindle, vacuum pump, cooling system, compressed air, etc. in real time.
The device can calculate the energy consumption in watts and the CO2 emissions for each program executed.



www.swiss-dynamics.com



Swiss Dynamics GmbH | Echterdinger Strasse 57 | DE-70794 Filderstadt | Deutschland

Tel: +49-152-56980234 | office@swiss-dynamics.com | www.swiss-dynamics.com



High Speed Milling Machines IKON



www.swiss-dynamics.com

IKON

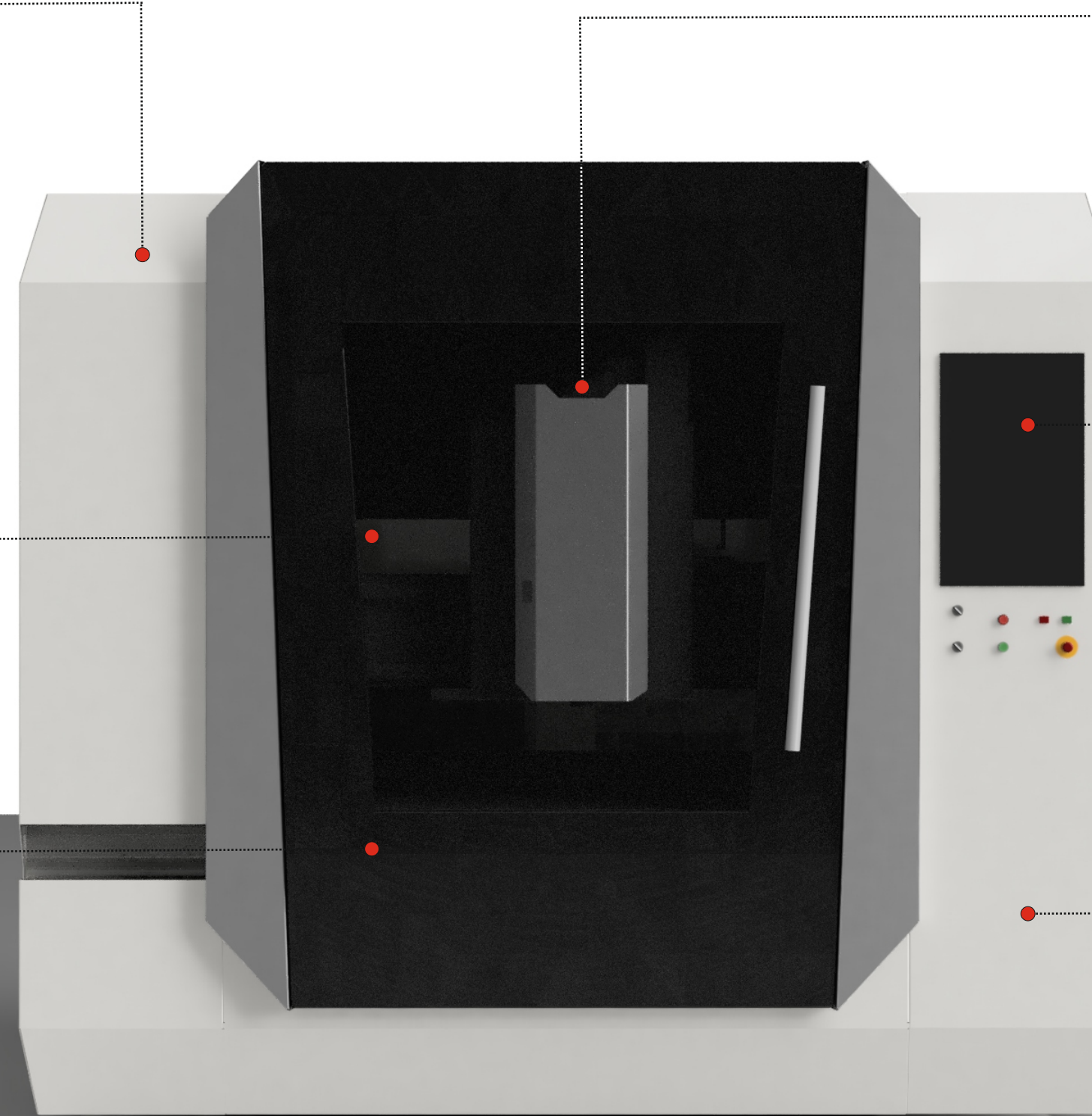
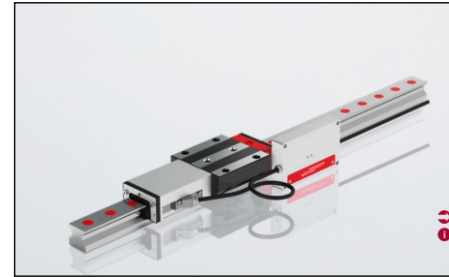
High-speed milling machines

High speed machining for aluminum, titanium and stainless steel

- Accuracy of positioning in all axes with linear scales.
- Thermal compensation ensures stable, precise and high quality manufacturing process
- Swiss Made gears – precision with a hardened surface
- Sophisticated design and large work area – combined in the IX series Improved
- ergonomics for easy handling and loading of heavy workpieces T
- Huge table up to 1800 x 1500 mm for cutting parts up to 800 kg
- Small space requirement of 6.72 m² for IX1518
- Milling feed speed up to 20,000 mm/min

Direct measurement system - optional system

- Swiss Dynamics uses high-precision profile linear guides, rollers and planetary gears to achieve excellent accuracy in the machining processes.
- DIRECT measuring system installed
- Precision up to 1µm



High speed spindle motor option for every application

■ HSD MECHATRONICS	S1-6 KW 24000 rpm HSK F63	S1-10 KW 24000 rpm HSK F63	
■ Jäger High Performance Spindles	S1-2.6 KW 45000 rpm HSK E25	S1-3.8 KW 45000 rpm HSK E25	S1-5.5 KW 40000 rpm HSK E32
■ FISCHER	S1-6 KW 40000 rpm HSK E32	S1-15 KW 42000 rpm HSK E40	

NEW! CNC control made in Japan

- The new iHMI from FANUC is designed to be extremely user-friendly and makes operating CNC machines simple and efficient.
- The new panel is flat, features ergonomically positioned buttons, completely redesigned hardware and a brand new user interface.
- File display and note function for access to operating instructions, drawings and texts
- User-friendly operator guidance display with clear machine status display
- Increased transmission speed up to 120 m/min
- Increased accuracy with nanometric technologies



Vacuum system on all standard IKON machines - optional system

- High-performance vacuum system based on the Oerlikon SogeVac vacuum pump with a total output of 300 cm³/h and a pressure of up to 0.8 mBar Abs.
- Vacuum table divided into up to 16 areas with full electronic control.
- IK1505 - 100m³/h ~ IK1510 - 180m³/h ~ IK1515 - 280m³/h
- Suitable for milling aluminum, stainless steel and titanium.
- Long oil life and easy maintenance.
- Suitable variants for every purpose.



- The laminated profiles welded in argon gas offer the benchmark for maximum rigidity
- The improved structure concept for the X-axis provides a large free space for the work table.
- Rigid Y-axis concept throughout the entire travel range
- FEM optimized design and construction
- Precision in every component and every detail
- Standard tool magazine 24 pieces. / 48 pcs optional

