


# Mikron MultiX

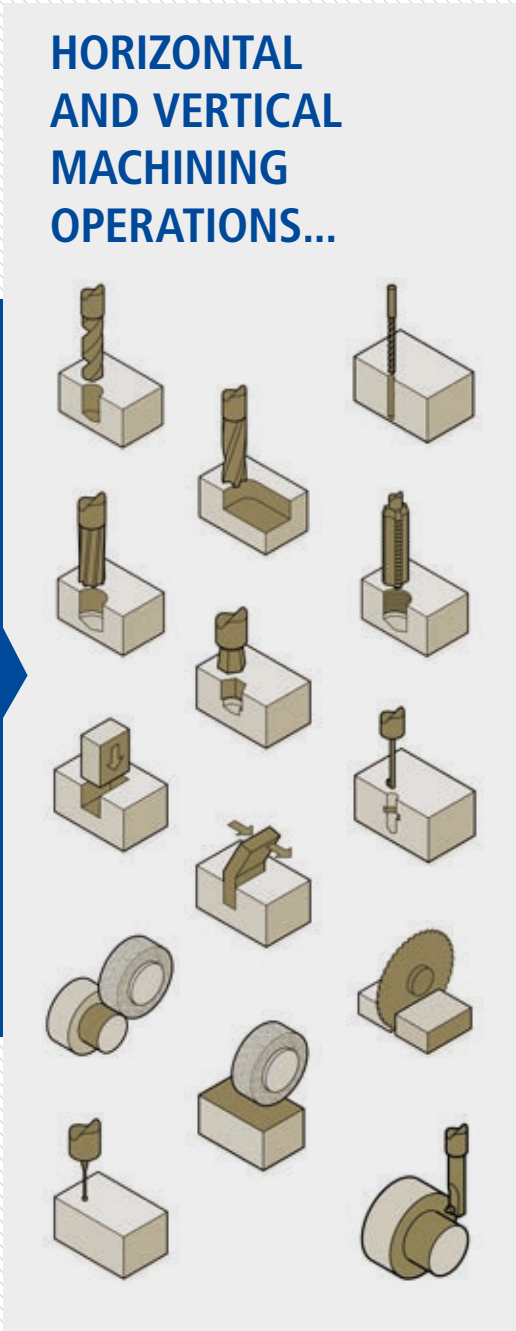
New unrivalled possibilities - The platform for dedicated easy reconfigurable machining solutions

We build your dedicated machining solution for the production of 50 up to 5'000'000 parts.

YOUR APPLICATIONS




HORIZONTAL AND VERTICAL MACHINING OPERATIONS...




Configured for your specific needs such as: productivity, precision, stiffness, reconfigurability, size, cost, power... Freely combine the platform elements according to the Mikron MultiX rules and set up your machining solution.

MACHINE BASIS



TRANSFER TABLES


8 - up to 24 stations for different machine basis with optimized mass to reduce the transfer time.



MACHINING UNITS

A set of diverse machining units in different sizes to serve all your requirements.

All standard machining-units are exchangeable and very precisely repositionable on all MultiX types in a very short time - they fit for any configuration you need.

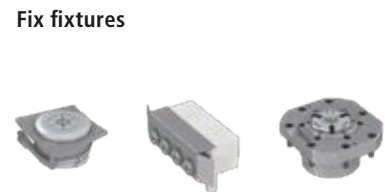


FIXTURES


A full set of workpiece clamping and positioning systems for all requirements

- » 3-axis and 4-axis operations with vertical or horizontal clamping axis
- » 5-axis operations (swiveling axes) with very fast exchangeable clamping interface in 'workpiece-axis'.


Fix fixtures




Indexing fixtures  
(with motor on table or onto station)



Rotating fixtures




B- and BC- axis




SPINDLES

Diverse Spindle types like motorspindles, high-power electros spindles, doublespindles, U-axis in diverse diameters.

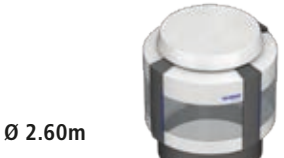


ENCLOSURES

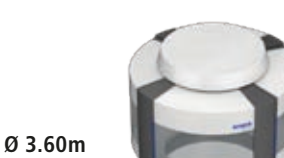
Ø 1.80m




Ø 2.60m



Ø 3.60m




Ø 4.00m




LOADING / UNLOADING

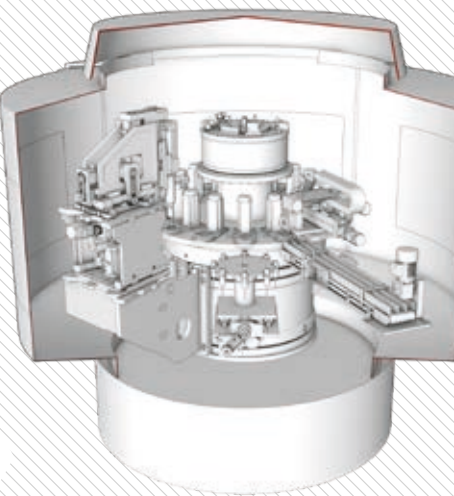
Standard: 3-axis pick and place



Up to 6-axis robot





YOUR DEDICATED MACHINING SOLUTION



Easy reconfiguration

Remove the unit support box (with machining units) and reposition with highest repeatability due to a zero point clamping system (patent pending).



 MIKRON