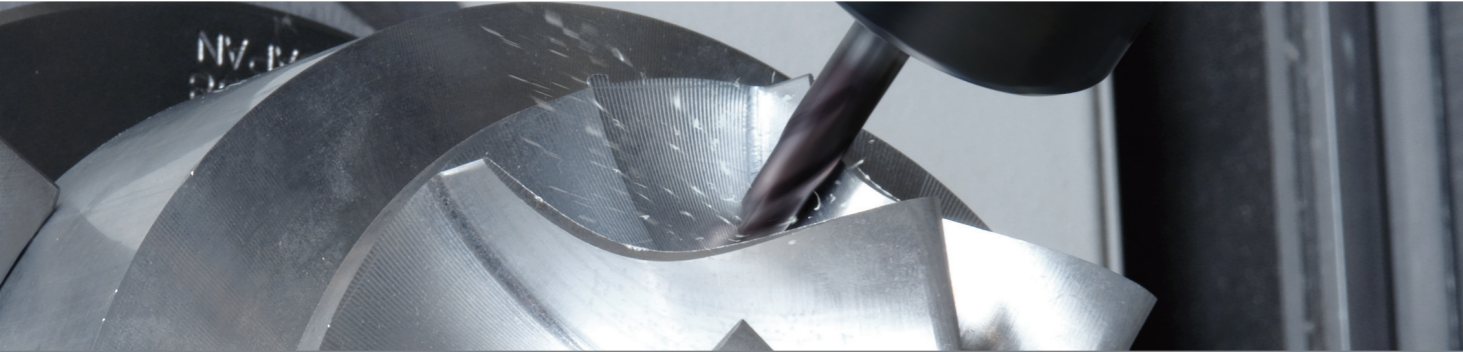


Integrex-i

Mazak launches its all-new next generation Integrex



Yamazaki Mazak has launched the seventh generation of its phenomenally successful INTEGREX range of multi-tasking machines, the i-series.

Mazak was the first company to produce a machine that could complete all turning and machining operations from raw material to finished component in one hit, one set-up and on one machine – Done-In-One.

The INTEGREX has become by far the most successful multi-tasking machine in its class, with more than 10,000 machines being sold across the world, since the first generation machine was introduced in 1983.

The new INTEGREX i-series, one of the first Ken Okuyama designed machines available in Europe, is a complete redesign of its fore-runner, the INTEGREX IV series, and boasts a series of enhancements and added functionality designed to improve productivity and efficiency.

The machine is available in three different sizes and comes equipped with a significantly larger working area, particularly in the Y-axis which has a range of up to 250mm, along with 615mm in the X-axis and B-axis range of 240o.

Each axis is also equipped with rigid linear roller guides to give improved positioning accuracy with lower friction. Crucially, the main and milling spindles are equipped with heat countermeasures which work by circulating cooled oil around the spindles, to ensure consistent accuracy and dimensional positioning.

Power has been increased in both the main (turning) and milling spindles. The main spindle is available with either 22kW (i-200) or 30kW (i-300, i-400) of power based on a 30-minute rating, while milling spindle power has been increased to 22 kW for a 30-minute rating and is capable of 12,000 revs per minute speed (an optional 20,000 rpm 15kW is also available).

The new INTEGREX i-series is more convenient for the operator and is equipped with ergonomic features, including a larger viewing window following customer feedback, and a 19 inch display panel on the Mazatrol Matrix control, which is also height adjustable for ease of operation.

Significantly, on the previous INTEGREX IV series machine, the tool magazine was located at the back of the machine. With the i-series the tool magazine has been moved to the front which, in turn, has created a more compact footprint for the machine. Furthermore, the number of tools available has been increased from 20 to 36 (an optional 72 tool magazine is available).

The INTEGREX i-series is equipped with Mazatrol Matrix conversational programming to ensure easy programming capability. The machine is also available with a series of environmentally friendly options, including personnel sensors, power consumption display and automatic power-off chip conveyor.

Richard Smith, Group Product Director Europe for Yamazaki Mazak, commented: "The new INTEGREX i-series is a complete redesign of the previous INTEGREX machine, not just a cosmetic makeover. We have listened and consulted with INTEGREX users to ensure that the new i-series responds to all of their machining requirements. The new machine offers best-in-class multi-tasking capability with a series of enhancements to the existing highly popular INTEGREX IV series machine which will ensure that the i-series is the first choice for those wanting to get into multi-tasking and realise the enormous productivity benefits of Done-In-One."

He continued: "We are confident that the new INTEGREX will prove as successful in the European market as its predecessor."

For more information on the INTEGREX i series please contact sales@mazak.co.uk or visit www.mazak.eu or telephone 01905 755755.

MULTI-TASKING

Welcome to the new level of multi-tasking machining.

Complete every one of your machining operations from raw material to finished component in one hit, in one setup with the ultimate DONE-IN-ONE machine from Mazak.

Ergonomic, environmentally efficient and excellent value, the all new Integrex i-series incorporates the very latest technologies, Mazak quality and total support.

Choose exponential growth for your productivity.

ALL NEW INTEGREX i - series



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