



PRESS RELEASE

PRIMA INDUSTRIE AT THE EUROBLECH 2006 HALL 11, BOOTH B55

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Through alternate revolutionary and evolutionary steps, the progress boosts a steady competition among its protagonists.

This time PRIMA INDUSTRIE demonstrates its innovation leading spirit by showing two machines at Euroblech Exhibition in Hannover.

1. SYNCRONO, a true revolution in 2D laser cutting

After one year from its *première*, this machine featuring unparalleled concept and performances is now also well established thanks to the experience gathered through several units operating in production all over Europe and the USA.

Last year, at the EMO Exhibition, SYNCRONO showed its superior abilities cutting a fancy workpiece, called Virtuoso (a kind of benchmark purposely invented to demonstrate very fast 2D cutting). SYNCRONO proved unprecedented performances thanks to its featuring dynamics (6 g in trajectory!), the masses balancing system which eliminates the vibrations, the control algorithms distributing the movements among the local and the main axes.

During these months PRIMA INDUSTRIE obtained orders, appreciations and recognitions (like the Best Metal Fabrication Machine Tool Award at the Mach in Birmingham, for instance). This time, SYNCRONO will be shown while working on real Customers' components and it will be equipped with the CompactServer, the first step in loading/unloading automation which is an almost essential complement of such a highly productive machine.

2. RAPIDO EVOLUZIONE, the new generation of a 3D laser processing protagonist

The name "Rapido" was born almost 15 years ago: hundreds of machines installed everywhere show this machine is deemed as synonym of flexibility, productivity, reliability.



Many periodic and steady improvements have been carried out during these years (new heads, motors, controllers, performances) and, at the same time, many imitations prove how the chosen solutions were unquestionably original and proper.

Today, PRIMA INDUSTRIE introduces RAPIDO EVOLUZIONE, a radically new machine with a well known name and well experienced components: a true product evolution, forced by the market requirements and achieved thanks to PRIMA INDUSTRIE's long established experience.

RAPIDO EVOLUZIONE is larger ($X = 4000$ mm); faster and, above all, more dynamic (double acceleration); it takes advantage from a new, powerful and user-friendly control.

The brightest innovation is however the focusing head. Its motors and transducers are totally direct, with no gears, no complex kinematics, no backlash. It has 3 independent axes with higher dynamics and accuracy (speed: 1.5 rev/s; rotating axes accuracy 0.005°).

Its peculiar design is completely modular (each axis is an independent unit), which goes to the advantage of reliability and maintainability.

The magnetic safety joints are not a novelty (indeed they have been adopted for a decade on OPTIMO and RAPIDO), but in this case PRIMA INDUSTRIE obtained a further result: the whole head collapses and "breaks away" in the event of accidental crashes, and its restore is immediate.

RAPIDO has always been appreciated for its ergonomics (retractable arm "flying" overhead, round column, compact head, total accessibility).

RAPIDO EVOLUZIONE keeps and enhances these features also with a new safety cabin, designed with a touch of Italian style common to SINCRONO, which is typical of PRIMA INDUSTRIE's product line.



SYNCRONO



RAPIDO EVOLUZIONE

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