



PRESS RELEASE

PRIMA INDUSTRIE AT THE EMO: THE EVOLUTION CONTINUES

(BOOTH D43 - HALL 015)

19th June, 2007

The visitors to PRIMA INDUSTRIE's booth at the EMO in Hannover will be able to see the most innovative machines on the market for the processing of both bi-dimensional and three-dimensional applications.

"We are proud – states Domenico Appendino, Marketing Director – to celebrate the 30th anniversary of PRIMA INDUSTRIE's foundation exhibiting two products which represent an excellent synthesis of this 30-year experience and which can be unquestionably defined the best and most innovative on the market".

SYNCRONO: *l'enfant prodige* has grown up

It was at the last edition of the EMO that SYNCRONO was presented as world premiere, and it was a complete success. Two years later, the 1000-holes-per-minute *enfant prodige* not only reaffirms the absolute superiority of its performances but, more mature and with greater experience, it also distinguishes itself as an extremely reliable and efficient tool for high volume production. For this reason at the show in Hannover it is exhibited in its most common configuration: equipped with its automation system for the unmanned production.

With its 6 g acceleration SYNCRONO is by far the fastest machine on the market. Thanks to its high dynamics and to innovative technical solutions to eliminate vibrations and to optimize performances, SYNCRONO is the ideal tool for the very fast processing of the sheet metal even with the most complex trajectories.

SYNCRONO is a radically new solution: two machines in one, a highly dynamic and ultra-lightweight head and a machine with a high work volume, move with perfect synchronicity and coordination to optimise processing times. The highest dynamics applied to the smallest masses – a rule that allows a combination of extreme performances, excellent cutting quality and reduced running costs. Special active compensation of masses and control algorithms govern the formation of movements smoothly and without vibrations.

The result is a machine that guarantees hitherto unthinkable processing times: more than 1000 holes per minute, double that of other laser machines available on the market.



At the show in Hannover PRIMA INDUSTRIE will present new solutions, allowing further reduction of the processing times: already a machine beyond comparison, today SYNCRONO overcomes itself.

A machine for high volume production as SYNCRONO is almost always equipped with automatic systems for the loading/unloading/storing of raw and finished sheets for unmanned operation. At the EMO it will be exhibited with TowerServer, the compact, reliable and modular system granting minimum footprint and maximum performances, with an almost unlimited production autonomy.

OPTIMO: a great return

OPTIMO, the biggest machine from PRIMA INDUSTRIE, has not been on the scenes of a European exhibition since many years. At last in September it will be possible to see OPTIMO EVOLUZIONE, the latest generation of this higher class machine, with an original presentation which will further highlight its unique features.

OPTIMO EVOLUZIONE's brightest innovation is the focusing head. It has been designed with direct motors and transducers, with no gears, no complex kinematics, and, consequently, 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 new C-axis has a longer stroke (± 10 mm) and a record-breaking acceleration of 4 g. Moreover, it is not only an adaptive axis which follows automatically any variation of the sheet metal, but also a true 6th NC axis.

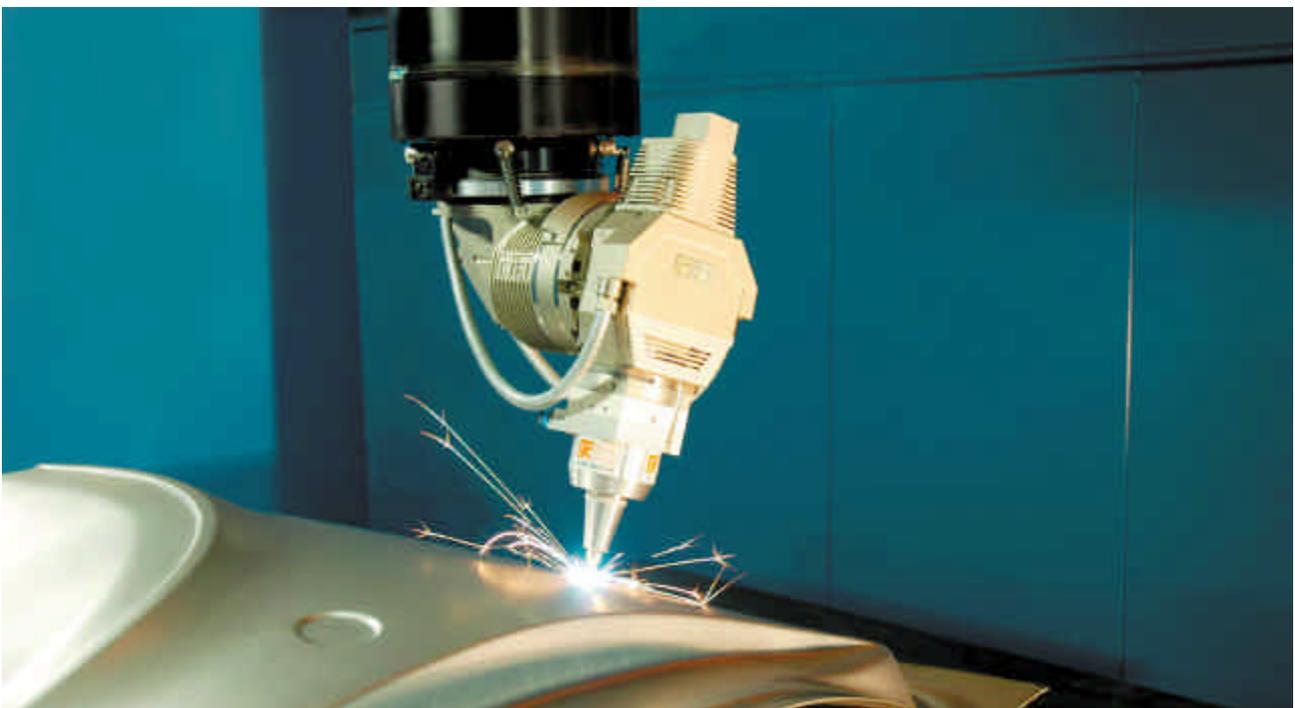
The magnetic safety joints are not a novelty (indeed they have been adopted for a decade on OPTIMO and RAPIDO), but in this case PRIMA INDUSTRIE obtained a further result: the whole head collapses and "breaks away" in the event of accidental crashes, and its restore is immediate.

OPTIMO EVOLUZIONE is equipped with a new numeric control, more powerful and user-friendly and a new programming handbox, with joystick and graphic interface.

"Other interesting novelties – declares Domenico Appendino – will be revealed only at the show, in the best tradition of PRIMA INDUSTRIE. We are looking forward to meeting you on September 17th at our booth."



SYNCRONO WITH TOWERSERVER FOR HIGH VOLUME PRODUCTION



THE NEW PRIMA INDUSTRIE'S 3D HEAD

For further information:

PRIMA INDUSTRIE S.p.A. - www.primaindustrie.com

Via Antonelli, 32 - 10097 Collegno (TO) - ITALIA

Tel: +39.011.4103.1 - Fax +39.011.411.28.27 - E-mail: prima.marketing@primaindustrie.com