

PRIMA INDUSTRIE S.p.A.
Via Antonelli, 32
10097 Collegno (To)
ITALIA
Tel. 011/4103.1 - Fax 011/411.28.27
<http://www.primaindustrie.com> -
E-mail: prima.sales@primaindustrie.com



PRESS RELEASE

PRIMA INDUSTRIE AT EMO 21-28 OCTOBER 2003 HALL 11 - STAND E16-G23

EMO, the well-known and important travelling show, is in Milan this year from the 21st to the 28th of October, and is without a doubt a great occasion for the Italian public to view the latest technologies of the machine tool market.

PRIMA INDUSTRIE expects you at stand E16-G23 Hall 11 with three laser cutting machines PLATINO HIGH SPEED with automatic loading and unloading storage system, RAPIDO and DOMINO.

The performance and characteristics of PRIMA INDUSTRIE's machines have been further improved and today these products for sheet metal working are presented as ideal solutions for high production, perfectly combining high productivity and reliability with the great flexibility typical of PRIMA INDUSTRIE systems.

The first machine exhibited at the EMO is PLATINO HIGH SPEED, in which both speed and acceleration have been improved.

Today PLATINO reaches 140m/min with an acceleration of 12 m/sec². These results are also due to the excellent performance of the **PRIMACH-20L** numerical control.

PLATINO is on show with **TOWERSERVER**: the compact and reliable automatic loading/unloading and storage system, one of the solutions of the PrimaServer automation line.



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With TowerServer, sheet metal stacks are stored on the different shelves of the tower and each raw sheet is taken out and loaded on the automatic pallet changer by a robotic arm integrated in the system. The robotic arm is equipped with adjustable suction cups for operating different sheet sizes and an unloading fork for the handling of processed sheets and scraps.

An automatic sheet separation system and a device for measuring the thickness ensures that no more than one sheet is picked up at a time, ensuring system reliability during unmanned operations.

The TowerServer management unit allows the programming for batch production of different sheet metal materials and thicknesses and consents the association of different programs to different materials and thicknesses thanks to the focal axis.



RAPIDO, the machine for the processing of medium and large three-dimensional components, is presented with the **Split Cabin**. "The laser solution" by PRIMA INDUSTRIE is shown in a production application: the fast cutting of automotive components. The machine work volume is divided into two parts to avoid idle times for loading and unloading.

The RAPIDO is not only a fast and reliable tool for high production, but also an extremely flexible one. In fact, RAPIDO is typically used in the most diversified industrial fields (automotive, aerospace, energy, food, household appliances, just to quote

some) and by first class jobshops and subcontractors, who can exploit the machine versatility to the full extent.

Finally, DOMINO is presented in an application of bevel cutting.

DOMINO HEAVY DUTY is a highly versatile laser machine: a single system can be used for 2D parts, 3D components processing and for bevel cutting.

Boasting the structure and performance of a "flat-bed" machine, limited overall dimensions to save on workshop space,



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and a large work volume (3000 x 1500 x 370 mm), DOMINO is a true 5-axis machine that cuts three-dimensional pieces up to a height of 160 mm, with any head orientation.

DOMINO HEAVY DUTY allows the working of different materials and thicknesses and the accurate process control in the entire work volume without manual intervention of the operator. This is made possible by the numerical controlled F-axis for the automatic and programmable management of the lens position independently of the stand-off (distance between nozzle and workpiece surface).

Thanks to its ability to perform multiple applications and its excellent performances, DOMINO HEAVY DUTY is the perfect tool for those laser job shops who want to differentiate themselves on the market by offering a complete range of top quality services to their Customers.

Both PLATINO and DOMINO are shown with the new-generation laser CP 3500 by the CONVERGENT LASERS Division of PRIMA N.A., a Company of the PRIMA Group. The CP 3500 utilizes the latest technology and meets the highest standards in quality and reliability.