

PRESS RELEASE

SYNCRONO: A GIANT LEAP FORWARD IN THE LASER MACHINES EVOLUTION

At the EMO in Hannover PRIMA INDUSTRIE presented SYNCRONO in world preview, a fully ground breaking and revolutionary laser machine.

With an acceleration two times higher than benchmark machines and with innovative technical solutions allowing to eliminate vibrations and to combine maximum performances with maximum efficiency, SYNCRONO represents a giant leap forward in the evolution of laser machines.

Reality beyond 1000 holes per minute

SYNCRONO reaches an effective acceleration (i.e. during cutting) of over 6 g. More than 1000 holes per minute, twice as many as the fastest machines on the market, are an excellent demonstration of its performances.

VIRTUOSO: a piece of excellence for a higher class machine

High productivity is not the only strength of this machine. Thanks to a smart active anti-vibration system, SYNCRONO can execute the most complex trajectories with dynamics and quality beyond comparison. Furthermore, adaptive optical devices allow optimal and homogeneous quality in the whole working area.

VIRTUOSO, the EMO 2005 demonstration piece (a saw blade with 65 cm diameter containing an uninterrupted pattern of holes, slots and a wide variety of shapes) is a piece of excellence that highlights SYNCRONO's superiority.

Two machines in one for an unequalled efficiency

Thanks to an absolute unique solution, everything is optimised in SYNCRONO. There are in fact two machines in one, perfectly synchronized: one small and light, with very high dynamics and minimum moving masses and one larger, with a wide working area (3000x1500 mm). The two machines are coordinated by patented algorithms, for the most advantageous distribution of the movements throughout the axes. This also allows minimizing electrical consumptions.

Quality, efficiency and versatility

SYNCRONO is equipped with high quality lasers of the CP series, manufactured by Prima North America - CONVERGENT LASERS Division, a Company of the PRIMA Group. The CP lasers are well known on the market for their efficiency, versatility and low running costs.

The machine is also equipped with interchangeable optics, allowing to pass from the lowest to the highest material thickness.

As for all PRIMA INDUSTRIE 2D product range, the complete PrimaServer line for automatic material handling is also available on SYNCRONO, allowing to fully exploit its great productivity.

For further information:

*PRIMA INDUSTRIE S.p.A.
Via Antonelli, 32 – 10097 Collegno (TO)- ITALIA
Tel. +39.011.4103.1 – Fax +39.011.411.28.27
www.primaindustrie.com
E-mail: prima.sales@primaindustrie.com*