

# VARIOPRINTAG

## News

### New investment in an UltraSpeed mono for the machining of metal-core PCBs

Up to now the mechanical machining of metal-core boards was carried out in two individual operations. The adding tolerances of the individual mounting and production steps resulted in a loss of positioning accuracy. But things have changed with the new drilling and routing machine Posalux mono – the new, flexible solution for the drilling and routing of metal-core PCBs.

With this first system in Europe, which was developed in close cooperation with Varioprint according to our requirement specifications, we are able to offer our customers valuable support in the design and construction of new products.

The accurate machining of metal-core PCBs, whether they are with copper, brass or aluminum metal cores, will allow you new and improved options in the area of heat management.



### True to our motto Trust – Responsibility – Reliability

we will continue to keep the ball in play in the future, so that we can offer you challenging and innovative PCB solutions! Our experts look forward to receiving your requests. Please contact us.



“Our new Posalux Mono allows accurate and process-optimized operations in the high quality that is the usual reliable standard for Varioprint!”

Bruno Dobler  
Process Owner Mechanics

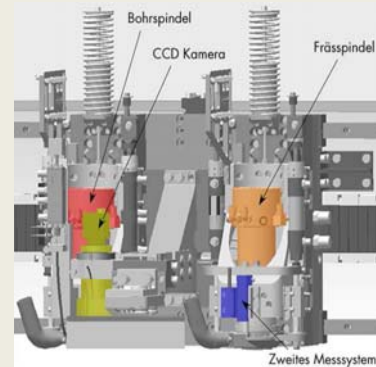
### September 2014

#### Combi concept with two spindles

A ball-bearing spindle 5k – 70k rpm with oil mist lubrication for metal machining as well as for efficient roughing with large volume material removal, combined with an air-lubricated bearing spindle 20k – 125k rpm for finishing and for conventional PCB processes.

#### Linear motor drives for X-, Y- and Z-axis

Positioning accuracy up to  $\pm 15\mu\text{m}$  in X- and Y-axis, as well as  $\pm 10\mu\text{m}$  in the Z-axis in contact drilling, respectively  $\pm 15\mu\text{m}$  in contact depth routing.



#### CCD Sensors for optical registration

allow the accurate measuring of targets and fiducials, as well as the calculation of correction factors and surface detection for perfect results in depth routing of cavities and channels.

We look forward to meeting you at the

**Electronica in Munich**  
**11 - 14 November 2014**



**Hall A2**  
**Booth 628**