

KOMBO TH

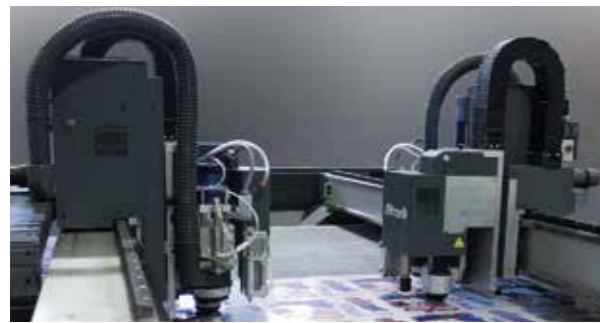
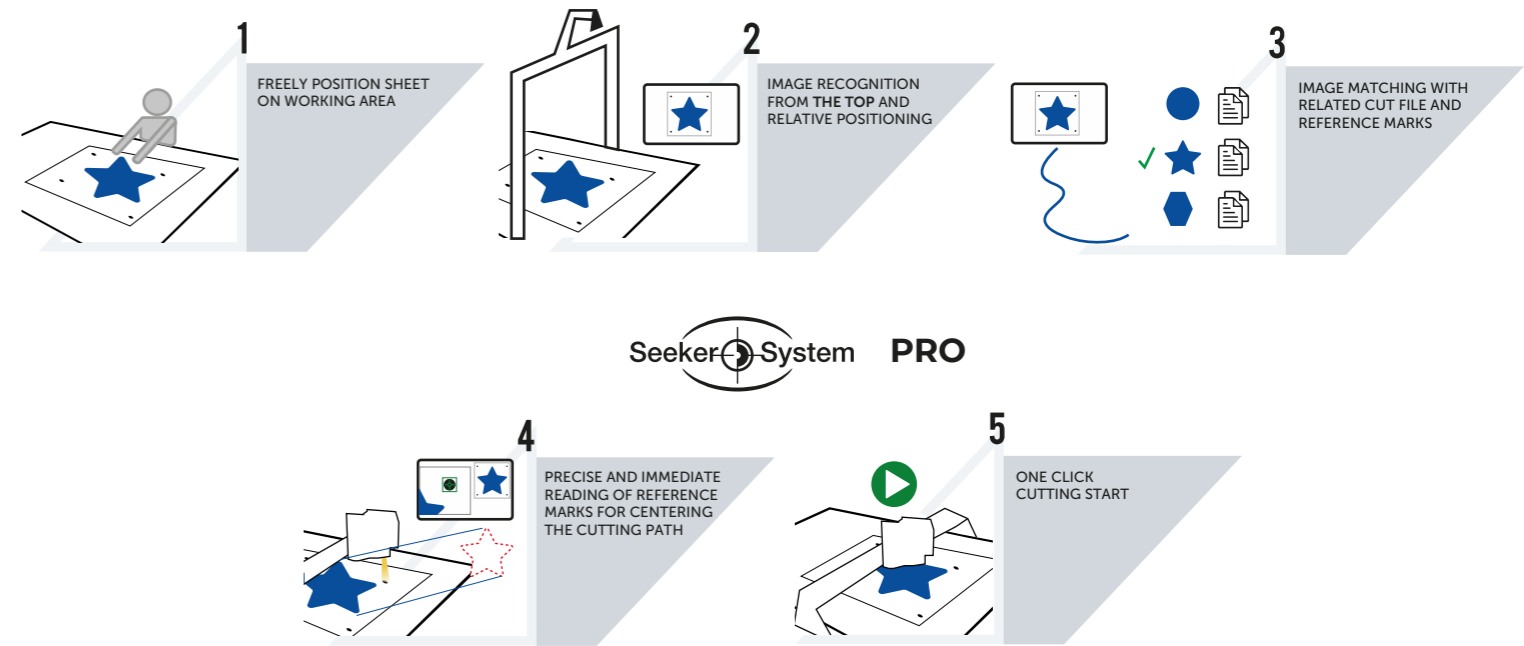
AUTOMATIC MULTI-FUNCTION
DIGITAL CUTTING SYSTEM
TWO CUTTING HEADS

KOMBO TH DOUBLE PRODUCTIVITY

Kombo TH is the flatbed digital cutting solution with **two independent gantries and two cutting heads** designed for high level production workloads and demand top performance cutting and finishing. Precision motion mechanisms made by racks and inclined pinions ensure high quality finishing. Precision motion mechanisms, using rack and inclined pinions, ensure high quality finishing time after time. **TwinCut** software divides the workload between the two cutting heads in order to balance the production evenly and seamlessly, to ensure overall throughput **is optimized and production times reduced to a minimum.** Prize-winning technology and Italian craftsmanship for higher tier productivity.

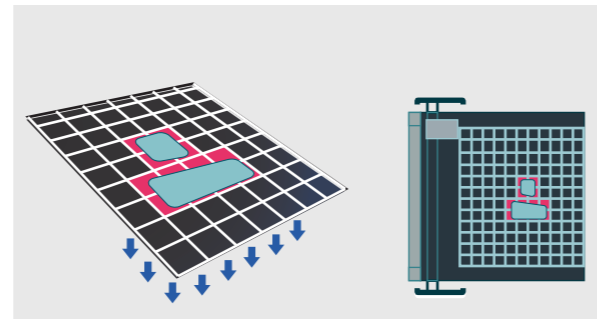
MAIN CHARACTERISTICS

- High productivity thanks to the **two cutting heads**
- Easy and quick process initialization thanks to **Seeker System**
- Material consumption optimization thanks to **Video projection System**
- Multi-material handling** thanks to the multi tool cutting head
- Perfect material hold thanks to dynamic **vacuum power**
- Compatible with **Industry 4.0**



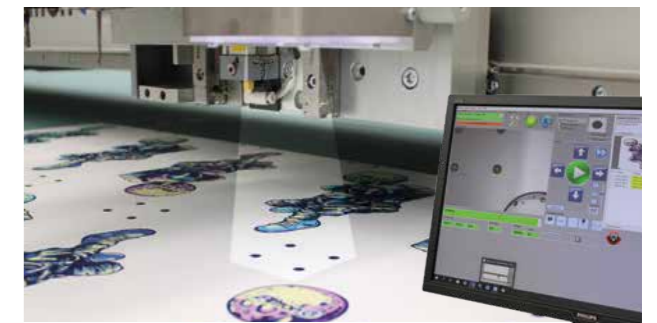
Double multi-tool head

Two independent multi-tool cutting heads with automatic pre-setting. Each head can be configured with **up to 5 tools simultaneously** so that **multiple materials** can be processed at the same time.



Powerful Vacuum System for perfect adhesion

Divided into **40 independent vacuum sectors**, automatically activated and deactivated where material is detected to ensure vacuum is only concentrated where necessary. **High quality finish starts with perfect material adhesion.**



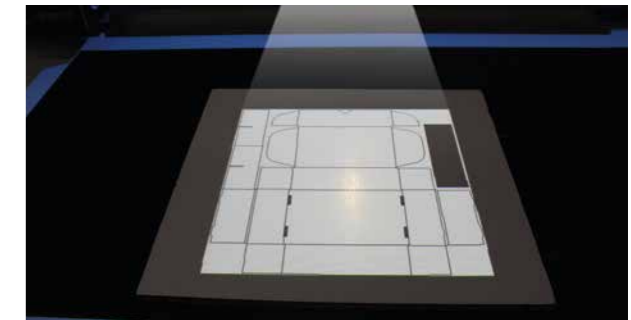
Seeker System

Innovative vision system that identifies the position of print reference points on materials. This technology **enables the cutting path to be precisely positioned and aligned on the printed material.** A sensor system housed inside the cutting head recognises print reference points and uses them to synchronize and manage the cutting path.



3D Milling

EliCNC software Interface imports, reads and converts the **3D ISO file** into a cutting path for the **3 interpolated axes (x,y,z).** Multi-materials including PVC, wood, foam, UREOL, etc. can be 3D milled into a multitude of objects and signs.



Stressless Working Technology

Yield optimisation using the new Stressless Working Technology which **projects virtual dies** onto the material. The operation is **extremely fast** and safe for the operator, with considerable material and cost savings **thanks to the possibility of reusing otherwise waste materials.**

TOOLS

A complete range of easy-to-configure tools, depending upon the material to be processed, with automatic pre-setting.

- Fixed or oscillating knife, electric and/or pneumatic
- 1 kW Electro spindle milling module with manual or semi-automatic tool change
- Creasing wheel kit with different diameters and profiles
- Kiss-cutting knife (half cut)
- V-cut, 45° knife (other cutting angles also available)
- Cut & Crease knife
- Circular knife
- Pen module
- Laser pointer



MATERIALS

Precision cutting and flexibility to cut a wide variety of materials:

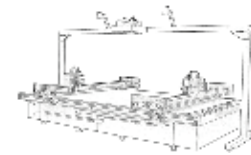
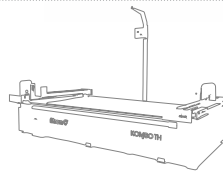
- Forex
- Dibond
- PVC
- Plastics
- Films
- Re-board
- Paper
- Cardboard
- Corrugated
- Plexiglas
- And many more



APPLICATIONS

Limitless creativity for visual communications and packaging:

- Packaging
- POS displays
- Transparent containers
- Publicity banners
- Folders
- Files
- Boxes
- Embossed logos
- Trade fair stand panels
- Promotional flags
- Brochure holders
- And many more



TECHNICAL INFORMATION	KOMBO TH / THC 32.16	KOMBO TH / THC 32.20	KOMBO TH 40.25	
Version	-	-	Standard	Video projection *
Working area (mm)	3200 x 1600	3200 x 2000	4050 x 2500	
Vacuum sectors on working area (N)	32	40	60	
Machine dimensions (mm)	TH 5300 x 2600 / THC 5600 x 2600	TH 5300 x 3000 / THC 5600 x 3000	5260 x 3450	6180 x 3450
Machine height (mm)	3160**	3160**	1460	2900**
Working area height (mm)	900	900	900	
Electric power supply 1kW	400V 50Hz 17 Kw	400V 50Hz 17 Kw	400V 50Hz 17 Kw	
Electric power supply 3kW	400V 50Hz 20 Kw	400V 50Hz 20 Kw	400V 50Hz 20 Kw	
Pneumatic power supply	8/10 bar 1600 l/min	8/10 bar 1600 l/min	8/10 bar 1600 l/min	

* Optional.

**If the Seeker System PRO is provided, the height is 3360 mm.

Weights and measures are indicative parameters

The technical specifications given in the table can be updated and modified as a result of any improvement and technological development of the systems.

