

CNC-Cutter – cuts (almost) anything. Even several layers.

**High velocity,  
consistent precision  
and durability**

cut **expert** ecocam 2



ENGLISH

# cut **expert** ecocam 2

- Multi-functional tool head for holding 2 interchangeable tools
- Low-wear cutting through electronically controlled Z-axis
- High positioning speed of up to 90 m/min



## Easy-to-use function

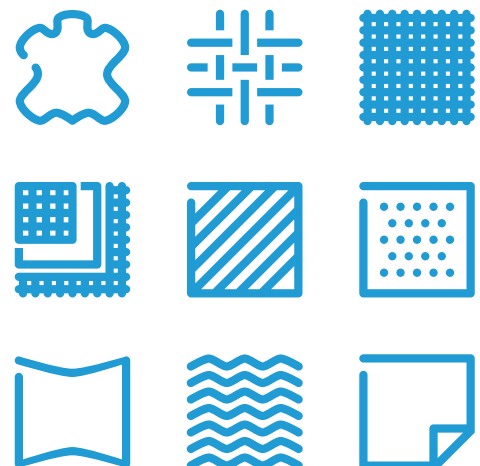
- Easy exchangeable cutting tools, „PLUG & PLAY“
- Intuitive user interface
- Easy blade exchange
- Activate vacuum zones by click

## Reduce payback time

- Minimize material waste by using nest **expert** software
- No foil to fix in place
- High velocity
- Consistant precision

## Fields of application

Cutting of different materials, such as: **Leather, technical textiles, foam, plastics, rubber, composite materials, Prepregs, Sealing- and insulation materials, spacer fabrics, foil, cardboard, corrugated board, packaging material**



# Options



**EOT**  
Oscillating Tool



**KCT**  
Kiss-Cut Tool



**PRT**  
Rotating blade



**UCT**  
Universal blade



**Printer head**



**Milling head**



**Glue nozzle**



**Laser welding head**



**Printermark-  
detection**



**Camera  
registration**



**Unwinder**



**Driven rotating blade**

up to 11,000 rotation/min



**Straight knife**

tangentially controlled



**Oszillating blade**

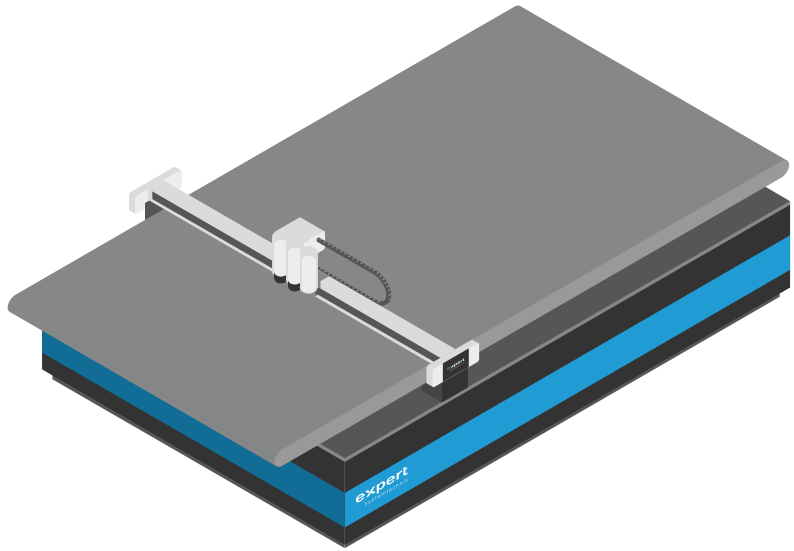
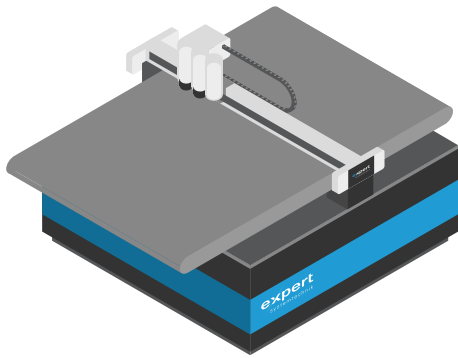
up to 15,000 rotation/min



**Milling head**

exhaust unit included

## Cutting dimensions



### Standard sizes

1600 x 2500 mm

2100 x 3500 mm

3200 x 5500 mm

### Further sizes

1500 x 1000 mm

1500 x 1600 mm

Based on the standard sizes the Workspace can be adapted to customer-specific requirements. An extension of the clearing area is possible according to the cutting length.

## Technical specifications

Positioning speed	90 m/min
Material thickness	up to 50 mm
Elektrical requirements	depending on machine size
Vacuum unit	selectable vacuum zones
Operating system	PC-based NC control software
Compressed air	6 - 8 bar
Repeatability	+/- 0,25 mm
Layer	single-ply or multi-ply
Precision	0,1 mm

Innovative Software from **expert** guarantee an efficient production

**PPS – Production Planning System**

## pattern **expert**

- Data acquisition of the stencils
- Clearly structured Model Manager
- Flexible modification of the stencils
- Open interfaces to other CAD systems

### Data acquisition



## order **expert**

- Simple combinations of models and types
- Clear selection of the material
- Connection to external ERP- and PPS- software such as SAP possible

### Compilation



## nest **expert** textilnest

- Best possible material utilization through optimal placement of the stencils
- Automatic and interactive nesting
- Open interfaces to other systems

### Nesting



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ES/07/2020

## **Customized solutions, modular technology, agile working practices**

Every company and every manufacturing process is unique. Our appreciation of this is found in our drive to develop a simple and practical solution for every technical challenge. For more than 25 years we have been designing and developing innovative automated CAD/CAM controlled cutting systems using waterjet and CNC technology – always implemented in combination with the most up-to-date digital technology, our in-house software.

we think in **cutting** solutions.