



## Multi-functional cutting

High speed and constant precision

cut **expert** ecocam  
English

**expert**  
systemtechnik

## cut **expert** ecocam

- Multi-functional cutting head usable for different materials
- Electronically controlled Z-Axis guarantees low-wear cutting and accurate cut parts
- Easy exchangeable tools
- Customized cutting solution for your requirements
- High-end engineering guarantees long-life cycle

### Easy-to-use function:

- Multi-functional cutting head to minimize tool changes
- Intuitive control panel
- Blades easy to change

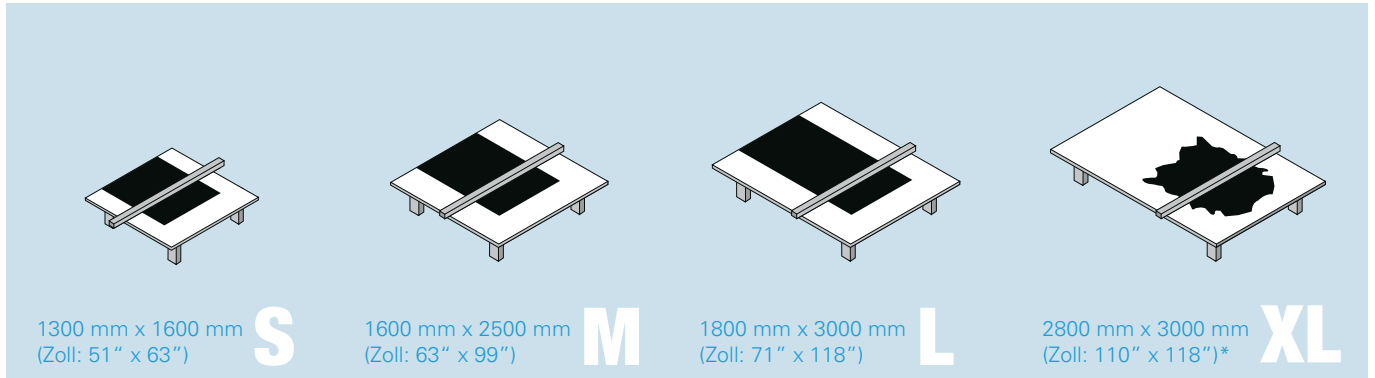
### Reduce payback time:

- Minimize material waste by using nest **expert** software
- No paper or plastic foil required
- High speed and constant precision

## Fields of application

- **Fabrics**
- **Technical textiles**
- **Leather**
- **Composites**
- **Prepregs**
- **Foams**
- **Foils**
- **Insulation**
- **Cardboard**
- **Spacer fabrics**

## Cutting dimensions



\* See options

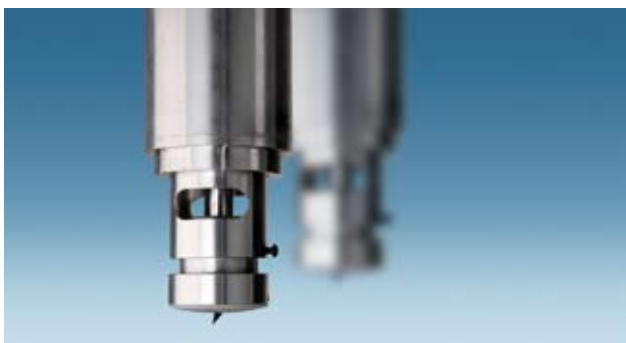
## Tools



**Driven rotating blade** up to 20.000 rotation/minute



**Oscillation blade** up to 20.000 vibration/minute



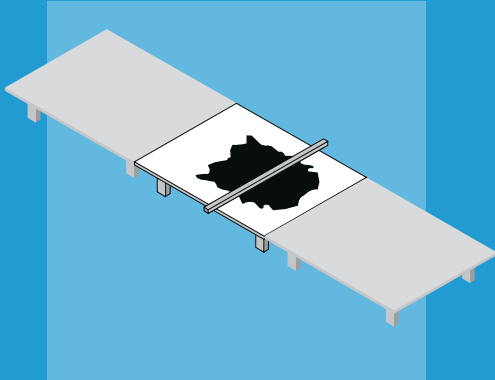
**Tangential controlled straight knife**



**Milling cutter head** exhaust unit included

## Options

- Laser pointer
- Inkjet labeling system
- Marker unit



### Cutter extensions

Flexible extensions, which can be added to the front or back of the machine



### Spreading device

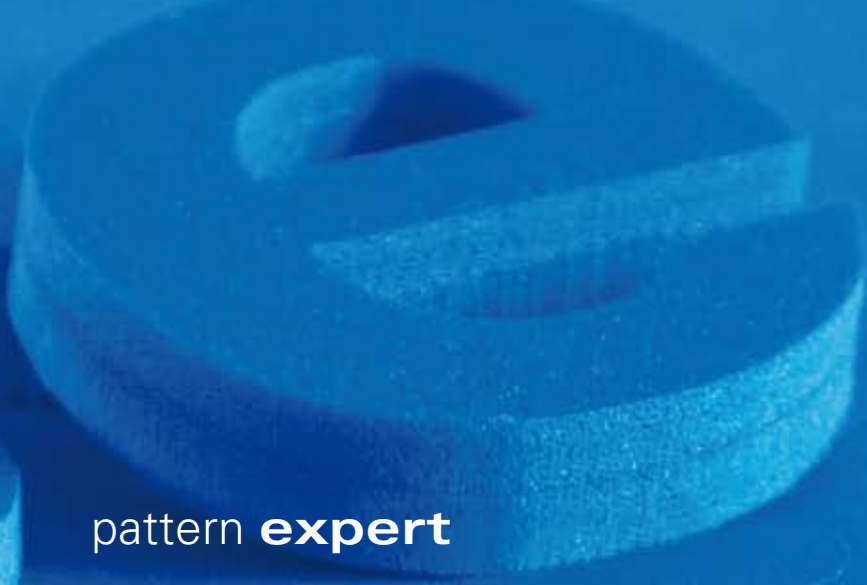


## Technical Specifications

Max. cutting speed	70 m/minute
Material thickness	depending on type of material
Electrical requirements	depending on machine size
Vacuum unit	depending on machine size
Software	Windows 7
Compressed air	5 – 6 bar
Repeatability	± 0,5 mm
Layer	single-ply/multi-ply

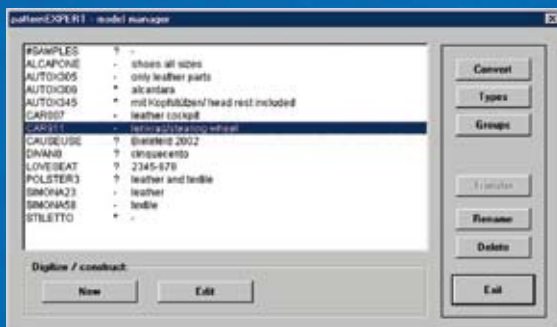
# Production Planning System

**expert's** innovative software modules guarantee an efficient production



## pattern **expert**

- Optimize the data capture of your patterns
- Benefit from the clearly defined model manager
- Be flexible with any modification of your patterns
- Interfaces to other CAD systems



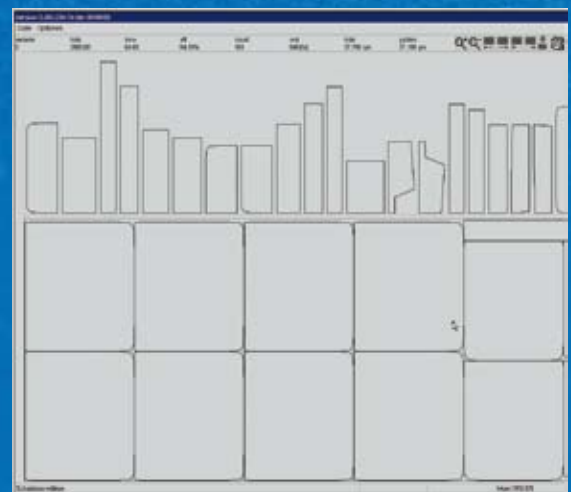
## cut **expert** data

- Save cutting parameter of each material you cut
- Minimise operating error
- Save operating time

Description	V (m²/m³)	A (m²/m³)	P (m²)	Masse (kg/m³)
CR 0,3 mm EA Stoff	15.000	1.000	3600	0,12
CR 0,3 mm da 10 Stoff	15.000	1.000	2500	0,26
Cr 1 mm voll Stoff	15.000	1.000	2500	0,12
Cr 1 mm da 2 Stoff	10.000	1.000	3000	0,12
CR 1 mm gerast Stoff	13.000	1.000	3000	0,26
CR 0,3 mm 2/2	20.000	3.000	1800	0,10
Cr 0,3 mm Stoff	15.000	1.000	3200	0,12
CR FI Nomex (Trennp)	10.000	1.000	3000	0,12
CRM 700 0,5mm	50.000	3.500	2000	0,15
CRM 700 1,0mm	35.000	3.500	2500	0,16
Mechanisches Stoff	15.000	1.000	2500	0,12
MVG 1 mm da 10 Stoff roh	4.000	0,666	3300	0,20
MVG 1 mm da 10 Stoff roh	4.000	0,666	2600	0,30
MVG 1 mm da 2 Stoff roh	6.000	1.000	3700	0,12
MVG 1 mm da 2 Stoff roh	4.000	1.000	3700	0,12
MVG park subansatz 1,2mm	10.000	1.000	3600	0,12
MVG-HT roh da	20.000	3.500	1900	0,20
HBR 1,0m da 1 Stoff	15.000	1.000	2500	0,12
MVG park subansatz 1,2mm	10.000	1.000	3600	0,12
MVG-HT roh da	20.000	3.500	1900	0,20
HBR 1,0m da 1 Stoff	15.000	1.000	2500	0,12
HBR 1,0m Stoff	15.000	1.000	2500	0,12
HBRUCH 1,0m 10 Stoff roh	2.000	0,666	3500	0,20
HBRUCH 1,0m 10 Stoff roh	4.000	0,666	3000	0,30

## nest **expert** textilnest

- Optimized cutting of fabrics
- Placing pattern on rolled material
- Automatic nesting or a combination of manual and automatic nesting





ES032017

we think in **cutting** solutions.

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