



Multi-functional cutting

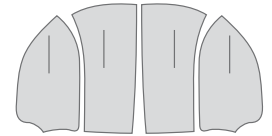
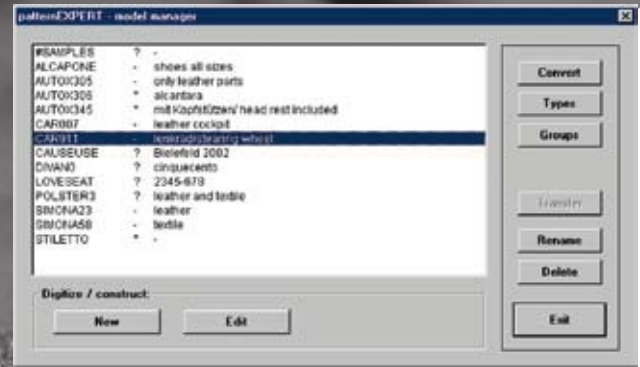
High speed and
constant precision

Industrial Materials
English

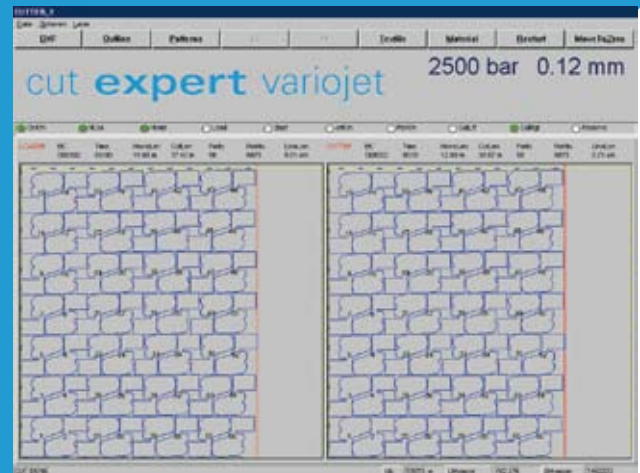
expert
systemtechnik

pattern expert:

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



Increase yield of material by software module nest expert varionest, optional automatic or interactive nesting modes



cut expert data:

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

Description	V [cm ²]	A [m ²]	P [bar]	Nozzle [mm]
CR 0.3 mm DIA Slaggl	15 000	1 000	2500	0.12
Cr 0.3mm dia 10 lagg	15 000	1 000	2500	0.25
Cr 1.1mm wolk 1lagg	15 000	1 000	2500	0.12
Cr 1mm dia 2lagg	10 000	1 000	3500	0.12
CR 1mm gerade 4lagg	13 000	1 000	3000	0.25
CR diagonal 0.7	30 000	3 500	1800	0.10
Cr 0.7mm 3lagg	15 000	1 000	3200	0.12
CR-FI Hornes (Trampf)	10 000	1 000	3000	0.12
CSM 700 0.5mm	20 000	3 500	2000	0.15
CSM 700 1.0mm	35 000	3 500	2500	0.15
Mischgewebe 1lagg	15 000	1 000	2500	0.12
MVO 1mm dia 10lagg roh	4 000	0.665	3500	0.20
MVO 1mm dia 10lagg roh	4 000	0.665	2500	0.20
MVO 1mm dia 3lagg roh	6 000	1 000	3700	0.12
MVO 1mm dia 4lagg roh	4 000	1 000	3700	0.12
MVO pink vulkanisiert 1.2mm	10 000	1 000	3500	0.12
MVO-HT roh dia	20 000	3 500	1900	0.20
NBR 1.1Cr dia 1lagg	15 000	1 000	2500	0.12
MVO pink vulkanisiert 1.2mm	10 000	1 000	3500	0.12
MVO-HT roh dia	20 000	3 500	1900	0.20
NBR 1.1Cr dia 1lagg	15 000	1 000	2500	0.12
NBR 1.5mm 1lagg	15 000	1 000	2500	0.12
NBR/CR 1.5mm 10lagg roh	2 000	0.665	3500	0.20
NBR/CR 1.5mm 10lagg roh	4 000	0.665	3500	0.30

Achieve maximum results by an efficient CAD/CAM system

cut **expert** variojet offers multiple features:

- Automated cutting powered by waterjet technology with constant accuracy and high velocity
- Cutting of single or multi-layer
- Increase of production output
- High flexibility
- Adjustment to changing output-requirements
- With customized spreading device
- Multiple cutting heads available



Spreading Device:

- NC controlled
- Automatic tension control
- Edge guide control
- Ply counter



cut **expert** minijet:

- Designed for prototyping
- Useful for small material runs
- Laboratory testing jobs



One tool
for numerous
materials

With the waterjet nozzle of cut **expert** variojet and cut **expert** minijet you cut any contour no matter how complicate it is out of almost any materials.

The material feeding system of the cut **expert** variojet is flexible: material rolls of max. 180 cm width or plates.



Fields of application:

- Prepregs
- Laminates
- Polymers
- Foams
- Rubber
- Composites
- Leather
- Foils
- Plastics
- Cardboard
- Cork
- Wood
- Lining
- Acoustic insulation
- Thermo insulation
- Industrial fabrics

Technical data

Repeatability	± 0.2 mm
Velocity	70 m/min
Acceleration	max. 4,5 m/sec²
Software	Windows 7
Main supply	Power supply, compressed air, water

individual formats on request



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we think in **cutting** solutions.

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