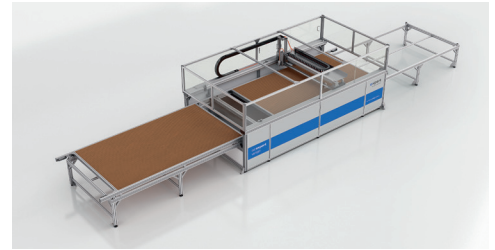


## Product description



### cut expert variojet

Multi-functional CAM cutting system using pure-waterjet technology without abrasive with 1 cutting bridge and 1 cutting head for the 2D cutting of foam, plastic and other flat, flexible, non-metallic materials

#### Product features

- Field of application: cutting of foams, plastics, technical textiles and other flat, flexible, non-metallic materials
- Cutting area in various sizes: S, M, L and XL with customised sizes possible if required
- 1 moveable cutting table, optionally extendible by 1 additional cutting table
- 1 cutting bridge and 1 cutting head, extendible to several simultaneously operated cutting heads
- Cuts single or multiple layers

#### Strengths, added value

- Suitable for rolled goods and for flat sheets of material
- Short cutting times thanks to a high cutting speed of up to 70 m/min
- High cutting precision
- Environmentally friendly waterjet technology
- Extremely low water consumption of approx. 0.2 l/min
- No geometry influence for holes, contours, etc.
- No vacuum required
- Soundproof thanks to the complete enclosure of the cutting zone
- Easy to clean
- Easily extendible for coping with increased capacity requirements thanks to the modular design

#### Technical details

- Cutter:
- Highly dynamic servo drives for a cutting speed of up to 70 m/min
  - Acceleration up to 5 m/s<sup>2</sup>
  - Repeatability +/- 0.2 mm
  - Cutting tool: waterjet nozzle with diameter of 0.08 up to 0.25 mm
  - 1 cutting bridge with 1 cutting head, extendible as required
  - 1 cutting table, with 360-degree access to the centre of the table, extendible as required
  - Cutting table covered with steel honeycomb structure with integrated splash back protection
- Water collection tray of stainless steel with water drain
  - Soundproof enclosure of the cutting zone
  - Machine frame constructed of stainless aluminium profile system
  - CE compliant
- Hardware:
- expert-PC with latest version of Microsoft Windows
- Software:
- Licence for 1 cutter
  - PC-based NC control software