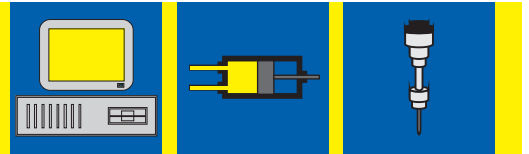


# Compact Cutting Systems



## Compact Cutting Systems JETMax H

You are considering to use a Waterjet Cutting System for the manufacturing of small parts and you have only limited space for the machine ?  
You want a closed system to minimize the noise and the environmental pollution?  
You need a cutting system with high accuracy?

We offer the solution to your requirements !

Our Compact Cutting Systems unite the high accuracy of ball screws with minimal dimensions.

The cutting systems are available with protective hoods or with light curtains. The systems are expandable with many options.

### Advantages:

- Compact dimensions
- High accuracy because of ball screws with direct measuring system
- Ergonomic control rack
- Individual demands possible
- Protective hoods or light curtains



Compact system JET H0705 with protective



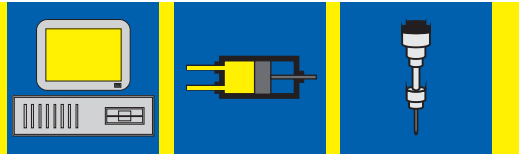
Compact system JET H0705 for light barrier

We supply your system completely operational with high pressure pump and all accessories for cutting with water or abrasive waterjet. Of course you also get special solutions adapted to your needs from us. Become acquainted with the many advantages of the waterjet technique. Use these profitably!



### Contact:

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### Technical Data:

Working area (x, y, z):	800 x 500 x 150 mm
Dimensions (w x d x h):	1550 x 1250 x 2000 mm
Feed rate:	10 m/min
Repeat accuracy:	± 0,05 mm
Max. working area:	1000 x 1000 x 150 mm

### Scope of supply:

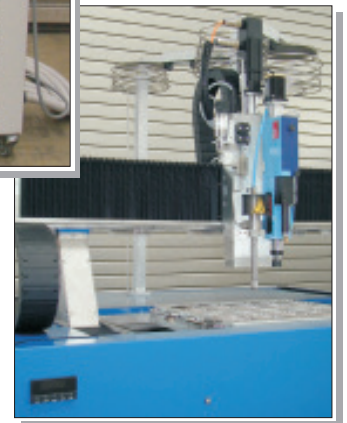
- Welded machine rack
- x-, y-, z-axis with totally enclosed ball screws
- Catcher made of high grade steel with integrated flushing device
- Brushless AC-Servomotors
- Servo-drive system with superordinate PC-control including control terminal with monitor, keyboard and mouse
- CAD/CAM-Software CutCAM to generate and process your cutting data
- High-pressure pump, flow rates according to your needs
- Complete high-pressure tubing between cutting table and pump
- Cutting valve with abrasive mixing chamber and accessories
- Abrasive dosage system with storage vessel and sensor
- Pressure sensor and indication at the machine
- Protection hood or light barrier as safety system

### Optionally available:

- Non-standard workpiece support
- High-speed drilling spindle as parallel working head
- NC controlled high-pressure pump and abrasive dosage
- Water processing
- Separation of abrasive material and cutting water
- Multi-stage waste water processing systems
- Supervision of process-specific parameters for wear control and increased process security



Control rack



Pressure indicator,  
Cutting heads



Light barrier