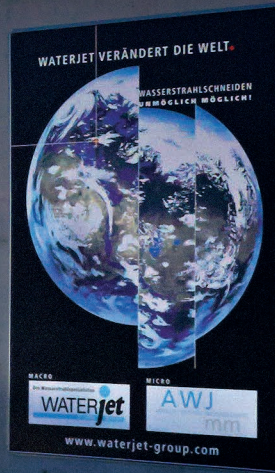


micro|waterjet®



5 STEPS TO SUCCESS

Successful cutting with a CNC processing center from microwaterjet®

5 STEPS TO SUCCESS

From the purchase decision to investment

The step from the investment decision by a CNC processing center to successful production is long. We will support and assist you from the purchase decision to start-up.

We therefore minimize your risk and optimize your investment process up to successful production – to your own satisfaction and the satisfaction of your customers.

STEP 01

PROCESS DEVELOPMENT

We develop your processes even before the purchase.

STEP 03

KNOW-HOW TRANSFER AND BACK-UP

We support you after the purchase.

STEP 05

SEAL OF APPROVAL

Your processes receive the *awjmm@-seal of approval.

STEP 02

EDUCATION AND TRAINING

We train your people.

STEP 04

GROWTH STRATEGY

We assist you with your growth strategy.

* The patented AWJmm @-Technology (Abrasive Waterjet Micromachining) was developed by micromachining AG. It is part of the Waterjet Group.

MICROWATERJET

The competence center – you will profit from 25 years of experience.

HANDLING + PROCESSING

We have been continuously refining the handling of the various technologies and production procedures for 25 years and we have created a first-rate knowledge database.

SOFTWARE ENGINEERING

We use the Microwaterjet tool to continuously improve the CNC processing centers with maximum mechanical precision. Our internally-developed, patented software application is available with 6 specialized modules.

MATERIAL KNOWLEDGE

We cut all kinds of materials, whether organic ones such as woods, hard ones such as tool steel or composites and alloys. Broad material knowledge gained from research and application is put directly into the handling and development of processes.

WATERJET KNOW-HOW

Our R&D department develops all of our cutting heads and pump systems in collaboration with senior technical colleges and universities. This enables Microwaterjet to currently cut according to a specific process, using the finest water jet (0.2 mm) and the utmost precision (+/- 0.005 mm).

INVESTMENTS

Sustainable investments over 25 years in research, development and machinery have transformed the waterjet cutter into the current high-tech company known as Waterjet. Together with subsidiary Microwaterjet, the enterprise now has extensive machinery with more than 30 systems.

microwaterjet® F4

Efficient and cost-effective serial production thanks to a high level of flexibility

SIMPLE AND INNOVATIVE:

The transparent management system including AVOR (preparatory work) with live monitoring of all processes.

Remote management using a Smartphone app is also possible. Intelligent pump control.



Travel range X/Y axis: 1000 x 600 mm
Travel range Z axis: 140 mm

Rotation axis for rotational processing.
Boring axis for starting bore holes in fiberglass material and much more.

ALL OF THE ADVANTAGES

Cost-saving

- Fast, easy clamping operation
- Few rejects
- No mechanical force on tools
- Optimal material utilization

Perfect quality

- Burr-free
- No distortion of tool
- Narrow catwalks possible
- Free of micro-cracks
- Free of thermal effects
- Free of structural changes
- Small saw kerf width
- Minimal post-processing

Extras

- Quickly manufactured prototypes
- Low mechanical load
- No dust, smoke or vapors

microwaterjet® C4

Optimal for specific applications and in research and laboratory work.



5 STEPS TO SUCCESS

Successful cutting in 5 steps using CNC processing centers from Microwaterjet



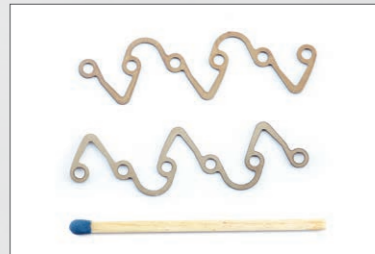
STEP 01
PROCESS DEVELOPMENT
We develop your processes even before the purchase.

STEP 02
EDUCATION AND TRAINING
We train your people.

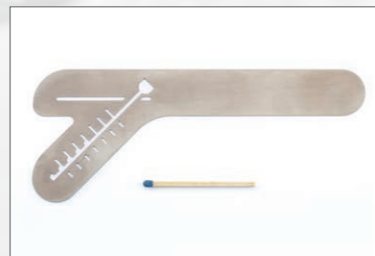
STEP 05
SEAL OF APPROVAL
Your processes receive the *awjmm®-seal of approval.



Bone plate made of titanium



Titanium fixation implants



Surgical tool



SUCCESS

STEP 04
GROWTH STRATEGY
We assist you with your growth strategy.

STEP 03
KNOW-HOW TRANSFER BACKUP
We support you after the purchase.

SUCCESS WITH PRECISION

To the competence center in 5 steps



STEP 01

PROCESS DEVELOPMENT

We avoid risk to you in the procurement of a CNC processing center. Even before the purchase, we develop the right production process for your first cutting order together with you, and produce the first order in your name as needed.



STEP 02

EDUCATION AND TRAINING

Your CNC processing center is always only as efficient as your team keeps working on it. To that end, we train your programmers and operators at our laboratory and within the company. This increases your competence and your production safety.



STEP 03

KNOW-HOW TRANSFER AND BACK-UP

We will assist you in the installation and startup of your new CNC processing center at your site. This ensures know-how transfer to your company as well as flawless production. If the orders should exceed your capacity, we are here to provide reliable backup.



STEP 04

GROWTH STRATEGY

Your newly acquired competence and the high-quality, top-notch production will mean growth for your company. To prevent your growth from becoming too risky, we will supervise your growth strategy. Together with you, we will develop new processes for additional orders. We will educate your employees and coach you in the acquisition of an additional CNC processing center.



STEP 05

CERTIFIED TECHNOLOGY PARTNER

With a CNC processing center from Microwaterjet, you own the patented AWJmm[®] technology, which combines 25 years of experience in micro-waterjet cutting. The unique process is guaranteed through updates of the similarly patented AWJmm[®] software – this advantage provides your products with the AWJmm[®] seal of approval.

WATERjet AG

Mittelstrasse 8
CH-4912 Aarwangen

Tel: +41 62 919 42 82
Fax: +41 62 919 42 83

info@waterjet.ch
press@waterjet.ch
www.waterjet.ch