

## **Press Release**

Rapperswil, October 12, 2026

### **URMA Expands Machine Tool Portfolio with High-Precision EDM Technology by Seibu**

#### **Launch of Seibu Electric & Machinery Wire EDM Machines in Switzerland and Liechtenstein**

**The Seibu portfolio adds powerful solutions for high-precision manufacturing to URMA's machine tool offering – from tool and mold making to medical technology and micromechanics. The technology will make its debut at the URMA Experience Day.**

With the addition of Seibu, URMA AG is expanding its machine portfolio to include a Japanese manufacturer with decades of experience in electrical discharge machining (EDM). In 1972, Seibu built the world's first CNC-controlled wire EDM machine and has continuously advanced its EDM technology for more than 50 years.

The focus is on applications where tight dimensional accuracy, repeatable surface finishes, and stable processes are critical. These include precision tooling and mold making, components for the watch and medical industries, as well as other demanding applications and complex contours.

#### **Precision Built into the Design**

A key feature of Seibu machines is their cross-table design. The column remains stationary while the work tank moves, so the position of the upper and lower wire guides does not change. The highly rigid structure and low center of gravity help maintain stable accuracy across the entire work envelope.

The machines also incorporate the traditional Japanese technique of kisage. Guide elements and mating surfaces are hand-scraped to produce highly precise planes and maintain long-term geometric stability. Seibu combines this traditional manufacturing expertise with modern CNC, generator, and automation technology.

#### **Seibu Wire EDM Benefits at a Glance**

- **High Precision for Demanding Applications**  
EDM technology enables complex geometries and hard materials to be machined with high dimensional and form accuracy. It is particularly well suited to precision tools, medical technology, micromechanics, and other demanding applications.
- **Fine-Wire Technology for Intricate Geometries**  
The combination of precise machine kinematics and fine-wire technology enables small radii, fine contours, and complex geometries. Seibu's ultra-precision models support wire diameters starting at 0.05 mm.

- Process Conditions Tailored with Water-Based Dielectric**  
 Water as the dielectric allows the technology to be tailored to the material, geometry, and requirements for precision and surface quality.
- Stable Results During Long Machining Cycles**  
 The rigid machine structure, cross-table design, and stable wire guidance help maintain consistent machining quality over extended run times. For users, this means repeatable results and predictable production processes.
- Cost-Effective Process Control**  
 Stable machining conditions and reliable wire feeding reduce unplanned intervention and support the efficient use of consumables. This helps lower cost per part, particularly for recurring and automated machining tasks.
- Less Scrap and Rework**  
 High repeatability and stable processes help prevent quality deviations at an early stage. This reduces scrap, manual corrections, and rework – a key advantage for high-value components and tight tolerances.

#### Overview of Machine Types

|                                       | <b>M50HP</b>              | <b>MM50UP</b>               |
|---------------------------------------|---------------------------|-----------------------------|
| <b>Max. workpiece dimensions (mm)</b> | 850 × 730 × 300           | 850 × 730 × 300             |
| <b>Max. workpiece weight (kg)</b>     | 800                       | 800                         |
| <b>Axis travel (mm)</b>               | Axis travel (mm)          | 500 × 400 × 310             |
| <b>U-V axis travel (mm)</b>           | ±60 x ±60                 | ±60 x ±60                   |
| <b>Wire diameter (mm)</b>             | Standard 0.2 (0.07 ~ 0.3) | Standard 0.2 (0.05 ~ 0.3)   |
| <b>Applications</b>                   | Toolmaking                | Microprecision, Watchmaking |

With the addition of Seibu, URMA AG is expanding its precision manufacturing portfolio with a technology designed for applications where conventional machining processes reach their limits due to complex geometries, very hard materials, or extremely tight tolerances. At the same time, customers in Switzerland and Liechtenstein gain a local partner for consulting, applications support, training, and service.

#### See Seibu Live at the URMA Experience Day

At the URMA Experience Day in Mägenwil on October 21, URMA AG will present Seibu technology in Switzerland for the first time. Attendees will be able to experience the machines and their functions in operation and discuss specific applications with URMA's EDM specialists.

## About Seibu Electric & Machinery

Seibu Electric & Machinery Co., Ltd. was founded in 1927 and is headquartered in Fukuoka, Japan, where its manufacturing operations are also located. The Precision Machine Division develops and manufactures ultra-precision and high-precision wire EDM machines as well as precision grinding machines. Its EDM development dates back to the 1960s. According to the company, Seibu developed the world's first CNC wire EDM machine in 1972. The machines are manufactured at the company's main plant in Japan.

## About URMA AG

URMA AG develops and manufactures precision tools used worldwide for precision boring and milling applications across a range of industries. URMA has maintained its headquarters and production facility in Switzerland since 1962. The family-owned company employs approximately 150 people and operates globally through multiple subsidiaries, OEM partnerships, and an extensive distribution network.

For more than 20 years, URMA has been the exclusive distributor of HAAS Automation CNC machine tools in Switzerland and Liechtenstein. During this period, it has sold and serviced more than 3,500 machines. URMA's strong sales and service organization has earned it recognition as the world's leading HAAS dealer. As the general representative for EMCO machines, URMA also offers CNC equipment that meets the manufacturing industry's demanding high-precision requirements. Through the exclusive distribution of ZORN microone, URMA complements its CNC machine portfolio with micromachining solutions, providing a comprehensive offering for metal cutting. For wire EDM applications, URMA offers Seibu EDM machines.

In recent years, URMA has significantly expanded its expertise in 3D printing through applications in its own production operations and the development of a broad machine portfolio. In Switzerland, URMA distributes 3D printing systems from EOS, Markforged, and Formlabs, as well as a wide range of equipment for post-processing and finishing 3D-printed parts. The Experience Center, which opened in 2026, is URMA's second location in Switzerland. The modern showroom brings together a broad portfolio of subtractive and additive manufacturing technologies – from high-precision tooling applications to industrial 3D printing solutions.

More information: [www.urma-group.com/en](http://www.urma-group.com/en)

## Media Contact



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## Photos and Captions

The Seibu logo is written in a stylized, blue, italicized sans-serif font.

logo-seibu

The URMA logo features the word "URMA" in a bold, blue, sans-serif font. Above the letters "U" and "M" are two curved, teal-colored lines that suggest a circular or orbital path.

logo-urma

Japanese manufacturer Seibu has developed and produced high-precision wire EDM machines since 1927. A pioneer in the industry, Seibu developed the world's first CNC-controlled wire EDM machine in 1972.

Source: URMA AG

URMA AG has developed and manufactured precision tools for metal cutting since 1962 and has more than 20 years of experience in machine sales and service.

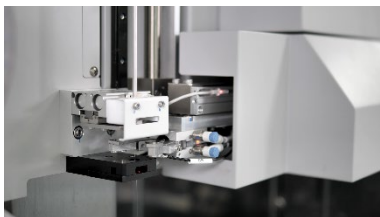
Source: URMA AG



seibu-mm50up

The Seibu M50HP is designed for productive precision machining, while the Seibu MM50UP is intended for ultra-precision applications.

Source: URMA AG



Seibu wire EDM machines are designed to provide a high level of operating convenience, flexibility, and process reliability—from entry-level models to high-end machines.

Source: URMA AG

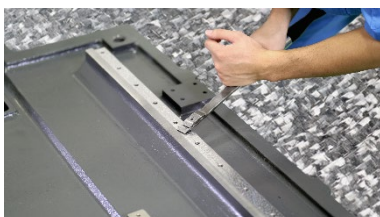
seibu-edm-machining



seibu-cross-table

In Seibu's cross-table design, the column remains stationary while the machining tank moves.

Source: URMA AG



At Seibu, manual hand scraping (the kisage technique), combined with advanced CNC technology, ensures highly precise, durable machine beds.

Source: URMA AG

seibu-kisage