



Posalux is a Swiss machine tools manufacturer offering outstanding micro machining solutions to its worldwide customers.

Through our three core technologies (Femto-LASER, EDM and Mechanical machining), we develop drilling, routing/milling, cutting and turning applications for the Electronics, the Automotive and other industries requiring our know-how.

Our high-performance machines are well known for their long-lasting quality and reliability in mass production environment.

Founded in 1943, Posalux is headquartered in Switzerland. With our subsidiaries based in Taiwan, South Korea, USA and Germany, together with our worldwide network of sales and service agents, we are close to our customers and serve them locally.

HQ Switzerland

Posalux SA
18, F. Oppliger
P.O. Box 6075
CH-2500 Biel/Bienne 6
+41 32 344 75 00

Germany

Posalux GmbH
Am Zeller Pfad 1
D-75242 Neuhausen/Enzkreis
+49 7234 947026

Korea

Posalux Korea CO LTD
301, Goldtown 194-4
Gwangdeok 2-Ro
Danwon-gu
Ansan-Si
Gyeonggi-do
+82 31 319 5860

Taiwan

Posalux (Taiwanese branch)
1F, Hung Pei Road No. 71
Chung-Li
TW-Taoyuan
+886 491 57 72 / 3

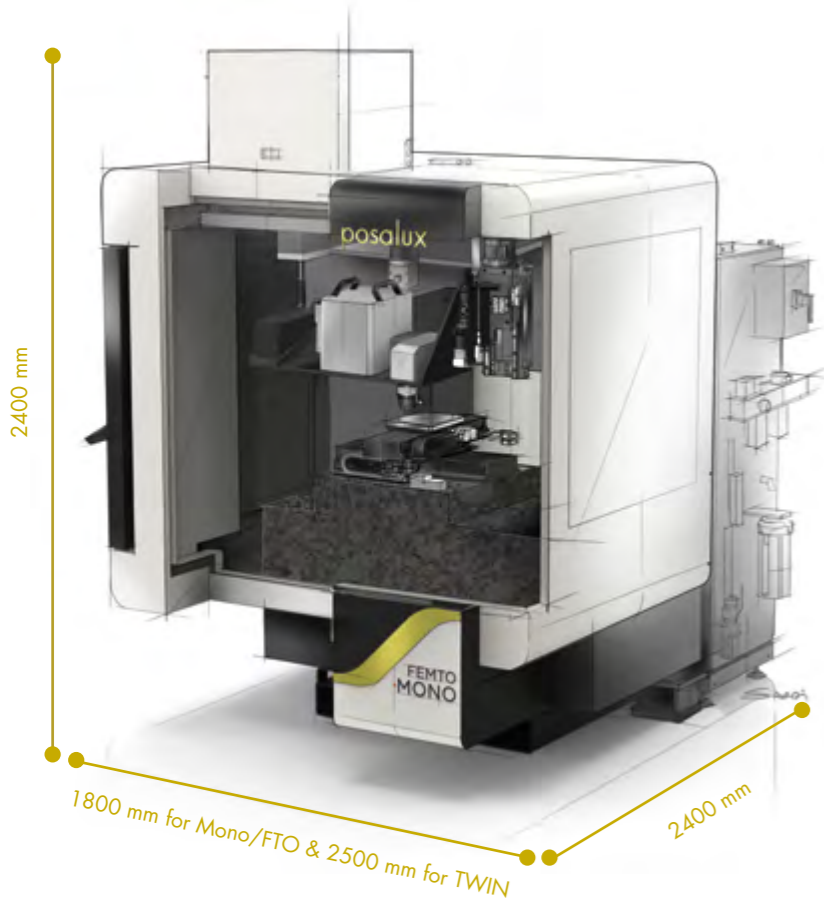
USA

Posalux North America, Inc.
142 Hickory Hill Road
 Mooresville, NC 28117
+1 704 775 0046



FEMTO • MONO
• TWIN
• FTO



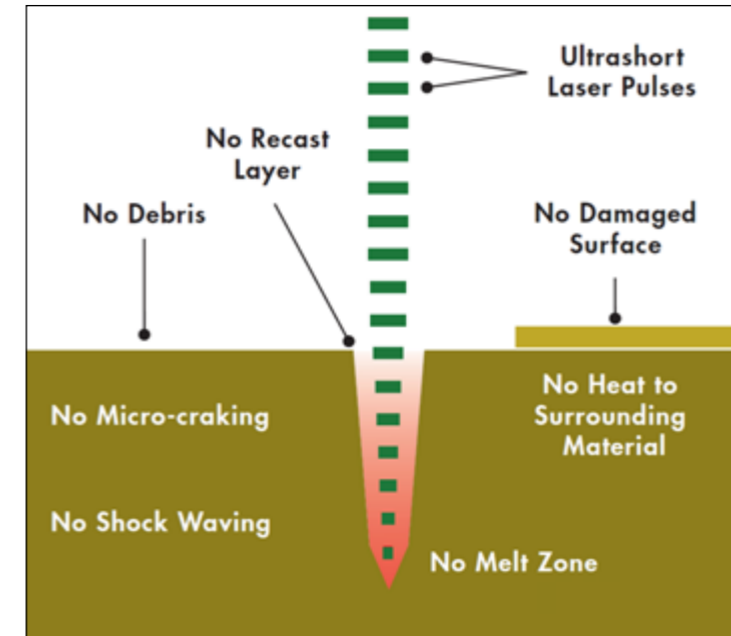


FEMTO Laser Technology:

- nIR & green light pulses available
- Scanner up to 5 axis
- UV light pulses possible (with 2D scanner)

Modular Machine Configuration:

- Standard 5 to 14 axis
- Flexible work piece supply, handling & chucking
- Available with renowned Numeric Controller brands Beckhoff, Siemens,...)
- TWIN version for enhanced productivity (part handling & measurement in hidden time)



Key facts:

- Contact free machining
- Machining geometries down to 20 micrometers
- Ratio up to 1/10 (diameter / Depth)
- High positioning accuracy
- Excellent surface roughness down to 50 nm for turning operations
- Tapered and reverse holes possible

Scope of applications

- Compatible with various materials (metals, polymers, ceramics, precious & bio-compatible metals,...)

- Flexible material feeding (parts, bars, wires,...)
- Suitable for micro-machining operations (drilling, turning, cutting, surface finishing,...)

