



XL Precision Technologies – The Company

Remove Watermark Now

Medical component & sub-assembly contract manufacturer

Serving the medical device industry for +20 years

100% focused on the Medtech industry

ISO 13485 certified

Specialising in
Laser Technology
Micro Machining



Development Services

XLerator Service

Quick turn prototyping – 2 to 4 weeks for components

Development XLerator Day

One day on site development – rapidly develop your design on site at XL PT

3D Metal Printing Studio

Quick turn 3D metal printing – incorporating our additional core capabilities to gain the ideal customer component



www.xlpt.com



Core Capabilities

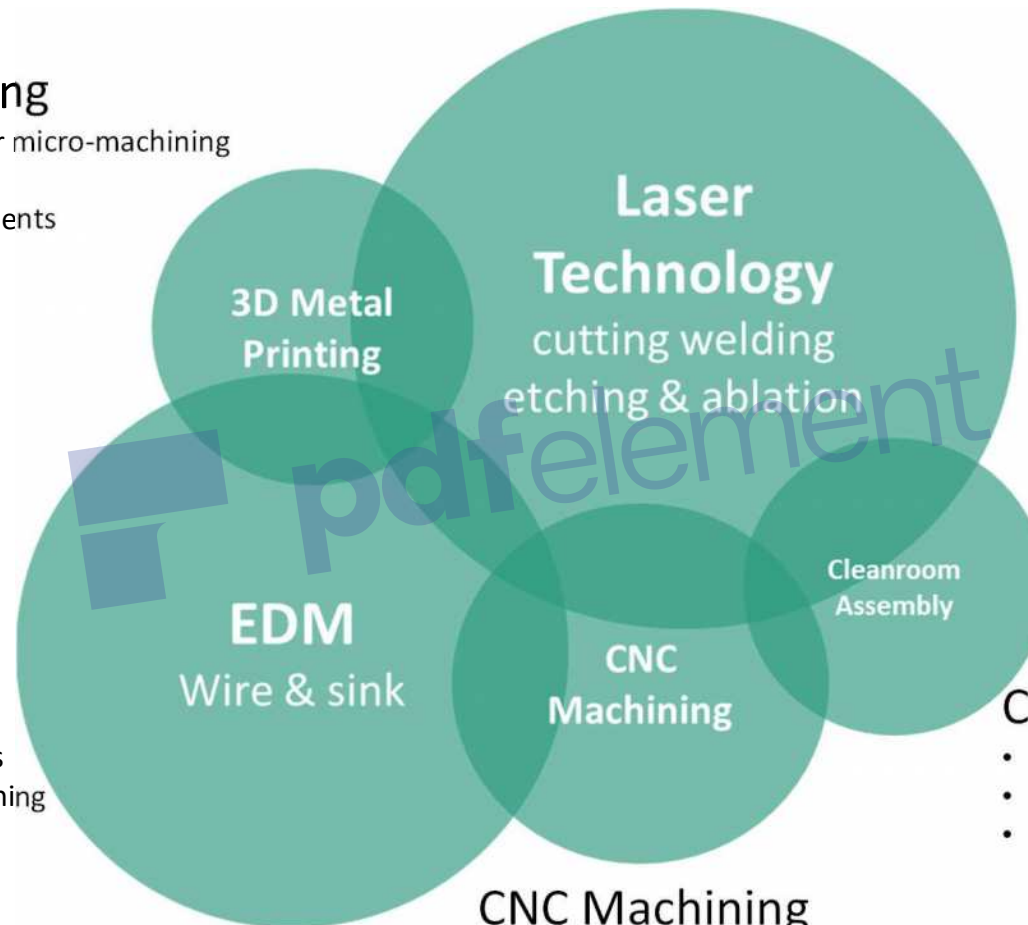
Medical components

3D Metal Printing

- Aligns with our other micro-machining capabilities
- Complex 3D components

Laser Technology

- Laser cutting, welding & marking
- Tubular & complex 3D machined components
- Laser ablation of tube wall



EDM

- 13 sink & wire machines
- 20 years medical machining experience
- Complex 3D machined components

Cleanroom Assembly

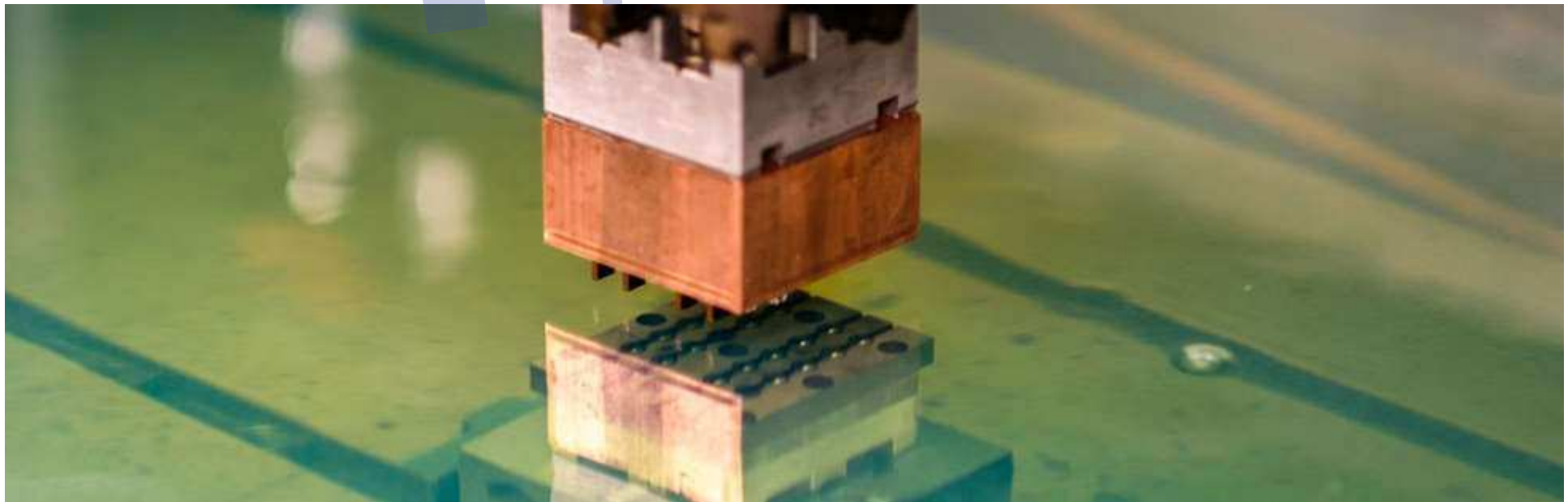
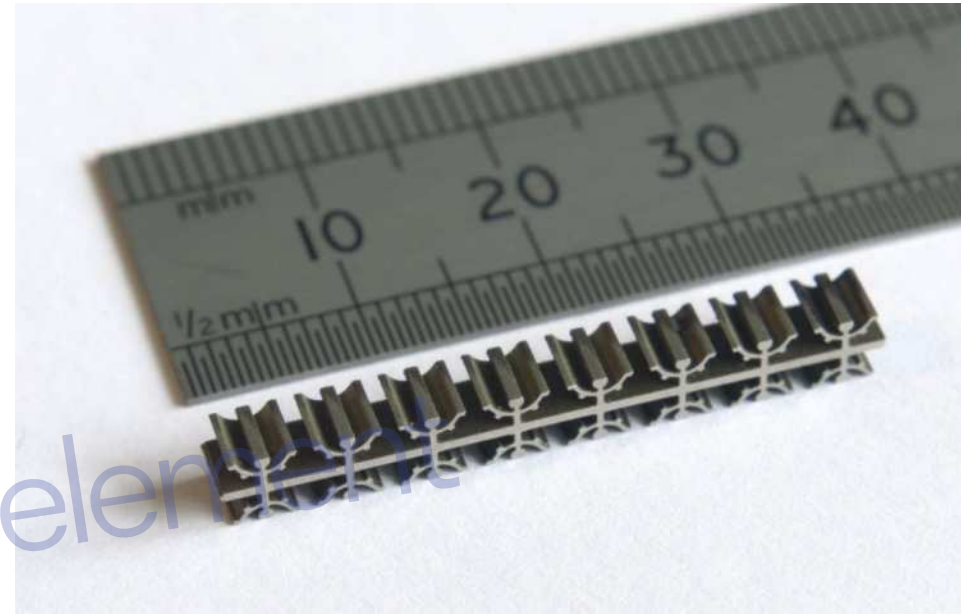
- Class 7 cleanroom
- Hypo tube assemblies
- UV and air curing bonding

CNC Machining

- High speed machining centres, ideal for complex & precision machined components
- All components machined for medical use, incl. class III implant devices

Micro Machining

EDM Wire & Sink



Micro Machining

Flat-bed laser cutting

Custom built flat bed
laser cutting capability

pdfelement



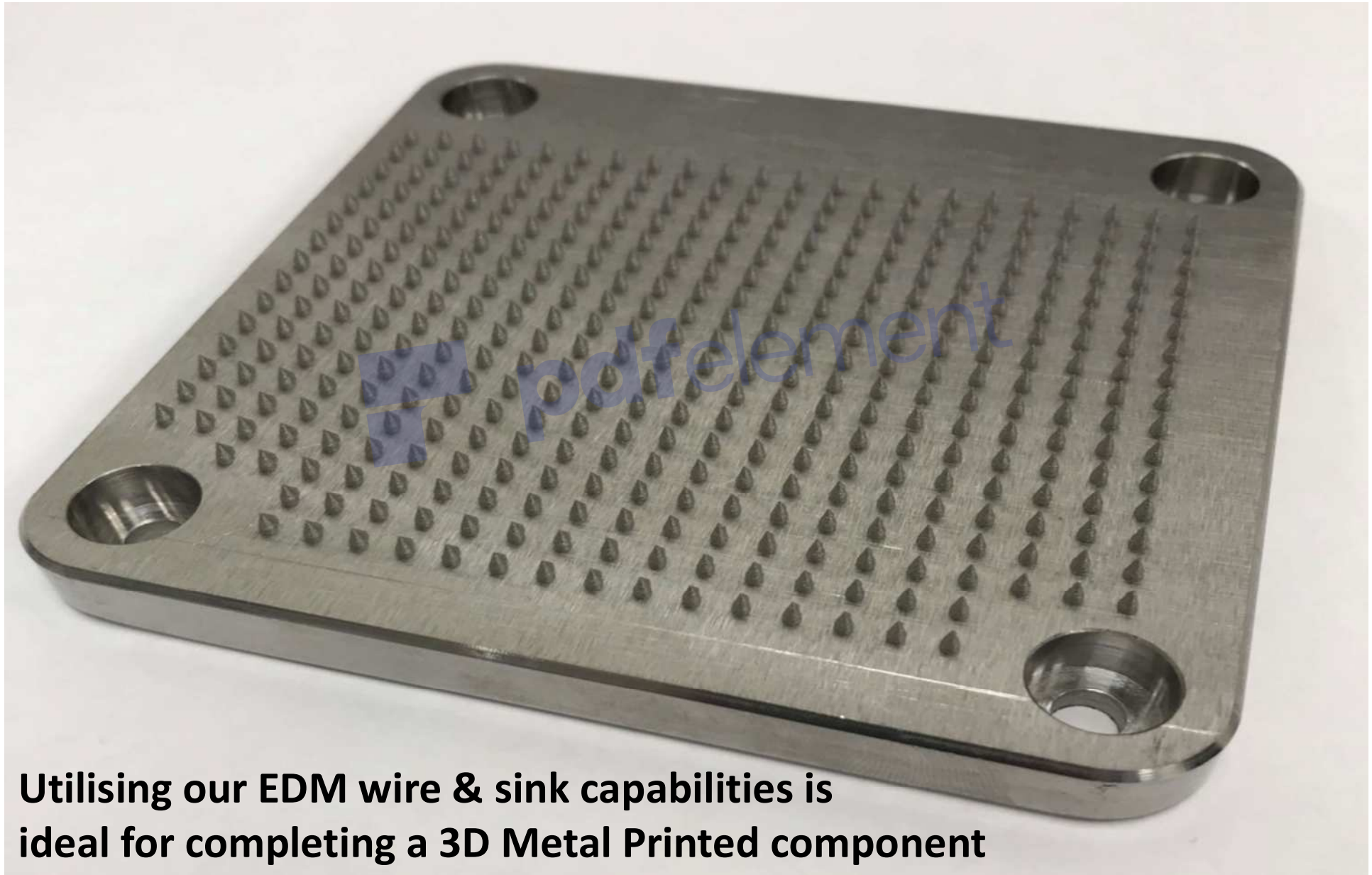
Micro Machining

Laser tube cutting



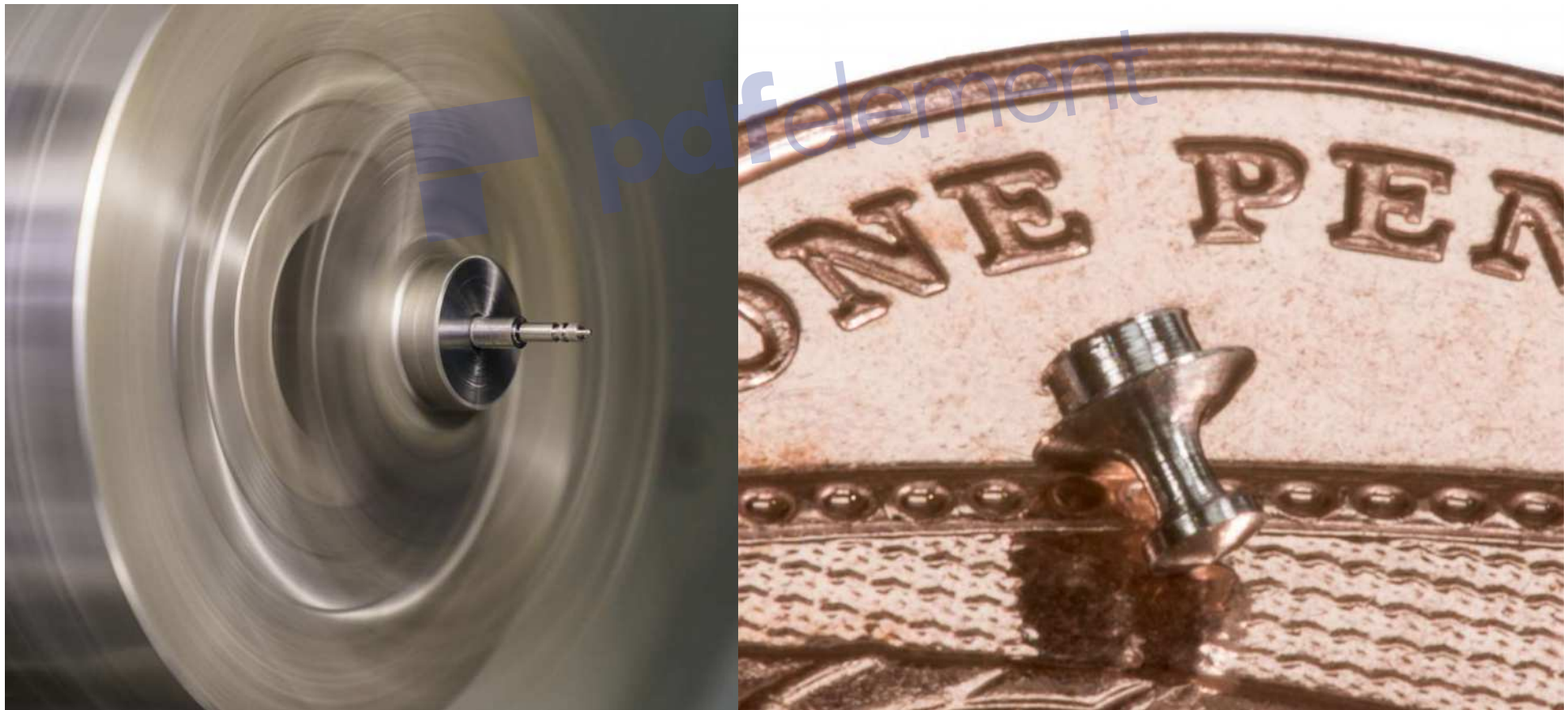
Laser tube cutting capabilities include;

- Kerf widths of 20 to 25 μ m
- Off axis cutting
- Ablation into tube wall
- High volume production +100,000pcs annually



Utilising our EDM wire & sink capabilities is ideal for completing a 3D Metal Printed component

- High Speed CNC Machining capabilities
- Vast experience in medical component machining
- Development to production track record





- A team of development & process development engineers with tooling making experience
- Many high volume components produced on dedicate pneumatic powered table top platforms
- Tooling and fixturing expertise for high volume production



- Semi automated / manual rotary welding systems
- Plus a fully automated CNC laser welding system
- Tooling and fixturing expertise for high volume production

Cleanroom Assembly

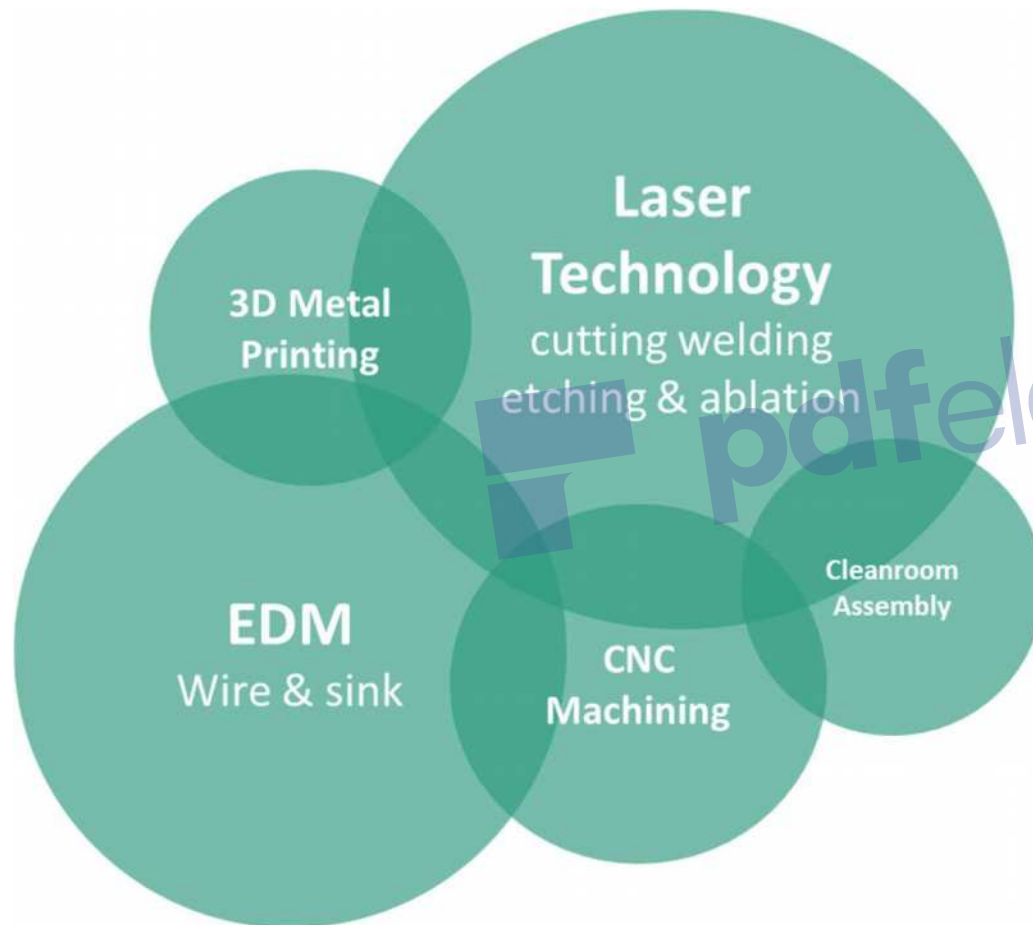


- A small class 7 certified cleanroom
- Two assembly lines in place by end of 2017
- Assembly capabilities include;
 - UV cured bonding
 - Air cured bonding
 - PTFE tube deployment
 - Polymer tube heat shrinking
- A customer specific capability



Combining Our Capabilities

To meet your medical device needs



XL Precision Technologies are well positioned to tackle complex micro-machined & tubular medical device components

Our advantage is having in-house development and production experience of all our micro-machining & laser tube cutting capabilities.

Utilising multiple capabilities to gain your ideal component & sub-assembly design