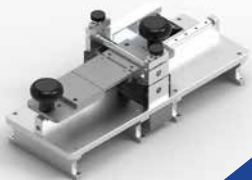


ece

Carlow Toolmaking Services



Providing top quality and efficient toolmaking services to the oral, medical, pharma, food and automotive industries.

www.carlowtoolmaking.ie

Who Are We?

Carlow Toolmaking Services (CTS) is a niche market company which produce high quality and innovative precision components for a range of multinational customers. We provide a very flexible service to allow the completion of work to the highest accuracy, including projects with automation, PLC and electrical work.

Established in 1994, Carlow Toolmaking Services have been providing top quality efficient tool making services to the oral, medical, pharma, food and automotive industries for over two decades.

Operating from our purpose built facility in Carlow, our range of work includes special purpose machines, jigs and fixtures, press tool, prototypes and precision components.

Our Design Department

Our in house design department works with our clients to provide accurate and efficient products, ensuring we always achieve the clients desired requirements.

Solid Edge is our main CAD package but we can also import DXF, Step Files and all common CAD files. We also use Alpha CAM in conjunction with the EDM Wire Eroders and the CNC Milling Machines.

Machines in Our Workshop

- Mitsubishi MV 2400 R Wire Eroder
- Mitsubishi MV 1200 S Wire Eroder
- Fanuc Robocut oic Wire Eroder
- Mitsubishi FX10K Wire eroder
- Hurco VM 20 Milling Machine
- Hurco VM 10 Milling Machine
- Semco 185 VS Milling Machine x 2
- Microcut 837 Milling machine
- XYZ SMX 2000 Milling Machine
- Okamoto 450 DX Surface grinder
- Okamoto 450 AV Surface Grinder
- Joemars EDM Spark Eroder
- Oscar Max SD350ZNG Hole Blaster
- Harding HLV Lathe
- Harrison VS330TR Lathe
- Blue Acre Quantum – Laer Engraver
- Mitutoyo PJ – A300 Projector
- Deltronic DH 214 Projector
- Mitutoyo LH – 600 E Linear height gauge
- Sindoh 3DWOX 2X 3D printer
- Minda Client – CRM & Job management system



Our Clients

Here is just some of our valued clients below:



Client Testimonials



"I have dealt with Carlow Toolmaking Services Ltd. services for the last 24 years and they provide an excellent service to our company. The quality of their work is first class and the staff are friendly, innovative and resourceful. Deliveries are prompt and they have always been willing to expedite urgent jobs if required. I have no hesitation in recommending them to others".

JIM BURKE
Operations Manager
P&G Manufacturing Ireland



"We have worked with Carlow Toolmaking Services (CTS) on a variety of projects for Medical Device manufacturing processes for over 20 years. CTS have designed and built a number of items from concept to completion from catheter manufacturing equipment, tooling, poka-yoke tools and lean fixtures.

They have a great capability in design/ problem solving and bring an open mind to each project with a positive attitude to tailor their capabilities to meet our needs from machine design, tool building and equipment modifications. They work hard to make sure our needs are met with a professional attitude, expertise, on time delivery and competitive pricing"

DAVID CLERKIN
Engineering Manager
ClearStream Technologies / CR BARD

Our Working Process

1

Define

We meet with the client to discuss requirements.

2

Design

We agree a design draft with the client.

3

Develop

We receive input from the toolmaker and begin the manufacturing process.

4

Debug

We perform a FAT- Factory Assessment Test.

5

Document

We ensure that the CE marking is achieved.

6

Deliver

We deliver the final product to the client.



CTS Safe-Cut | Medical Device

Case Study

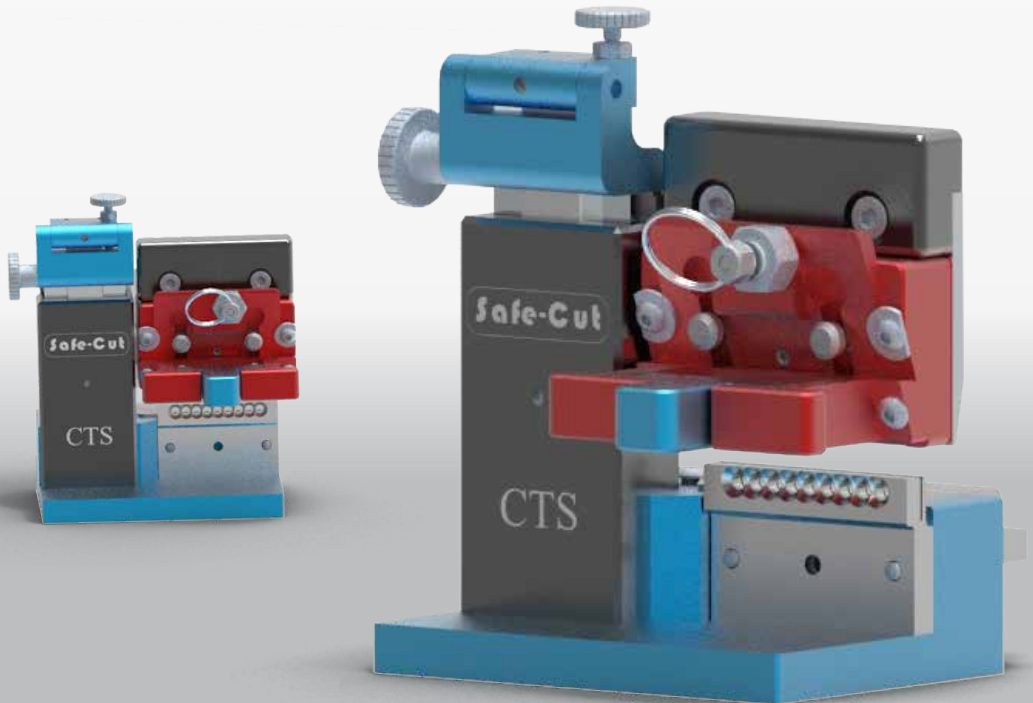
1. CTS were approached by a large multi-national medical device company who discovered problems during the cutting of medical tubing.

2. Direct communication was established between the on-site engineers and CTS.

3. CTS proposed a new design to the on-site engineers of the large multi-national medical device company. As a result, 'Safe Cut' was created for the client.

4. The 'Safe Cut' design allows for maximum safety, cost reduction, increased quality and productivity.

5. 'Safe Cut' is now an integral part of production for our client eliminating problems and significantly increasing the safety, efficiency and quality of the product.



Why Choose CTS?



Over 35 years Experience



Highly accurate products



Improve production & safety



Highly flexible



On time service



Design to Delivery



Practical Solutions



One Stop Shop



Quick Turnaround



Direct Contact



Open Door Policy

For more information, contact:

Pat Amond

pat@carlowtoolmaking.ie
+353 (0)85 723 3487

John Whelan

john@carlowtoolmaking.ie
+353 (0)86 827 6931



+353 (0)59 913 3314

Carlow Toolmaking Services Ltd.
Pollerton Industrial Estate, Carlow,
R93 F8N9, Ireland .

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www.carlowtoolmaking.ie