

World leading innovation in  
fluoropolymer processing



## Machining Capability

Fluorocarbon offer a wide range of modern manufacturing services which can be utilised in the production of high precision machining. We provide machined plastic solutions in the form of prototype, components and assemblies for many industries including Oil & Gas, Marine, Defence, Telecommunications and Aerospace.

We can supply low to medium batch quantities to large batch runs and long term specialised contracts. The materials machined are PTFE, PCTFE, PEEK, Nylons, Plastics Rigid Form, Ferrous and Non-Ferrous metals and other high performance specialist materials.

Fluorocarbon has EdgeCam cad/cam software which is now fully functional in our both our milling and Turning departments.

We can now program online and generate CNC programs from 3D models; we can also convert 2D drawings to 3D to use the software option.

Working in partnership we aim to provide innovative solutions to your requirements. Our value proposition includes technical advice on material selection through to a full design service, making it easy for our customers to do business with us.

CNC Machine	Description	Capacity DIA (max)	Length
Doosan Lynx 220LSY	X, Y, Z & C + sub spindle with B Axis	300mm	600mm
Doosan Puma GT2100	X, and Z Axis- Lathe	300mm	600mm
Doosan Puma 2600M with Live Tooling	X,Z and C Axis -Lathe	300mm	800mm
XYZ Protturn SLX 1630	X and Z Axis -Lathe	200mm	600mm
Colchester Tornado A90	X and Z Axis -Lathe	240mm	600mm
Colchester Tornado 210	X and Z Axis -Lathe	240mm	600mm
Colchester T8MSY with Live Tooling	X, Y, Z & C + sub spindle with B Axis	300mm	600mm
Hurco VM1 with Spindle probe	(655mm x 355mm) 4 <sup>th</sup> Axis- Mill		
Hurco VMX42 with Spindle probe	(1060mm x 610mm) 4 <sup>th</sup> Axis- Mill		

Manual Machine		Capacity	
Colchester Triumph 200		320mm	1000mm
Colchester Mastiff 1400		450mm	900mm
Shizuoka	Manual Mill x2		
Grinding			
Jones Shipman 500	Surface Grinder		
Jones Shipman 1320	Cylindrical Grinder		
Doosan Lynx 220B	X & Z Axis -5346	320mm	
Doosan Lynx 220B	X & Z Axis -5405	320mm	
Doosan Lynx 280M	X, Z & C Axis	400mm	
Doosan Lynx 220G	X & Z Axis	250mm	
Tornado A50	X & Z Axis	170mm	
Tornado 80	X & Z Axis	170mm	
Tornado 10	X & Z Axis	360mm	
Tornado 100	X & Z Axis	190mm	
Tornado T8M	X, Z & C Axis	290mm	
Tornado T4	X & Z Axis	230mm	
Bins & Berry 1	X & Z Axis	1500mm	
Bins & Berry 2	X & Z Axis	700mm	
Multiturn 4000	X & Z Axis	600mm	
Tornos Deco			

## Fluorocarbon Brands

Fluoroglide® Fluorinoid® Fluoroetch® Fluoroflex® F-LON®

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