



MILLING | TURNING | FABRICATION | INSPECTION | CAD CAM | ROUTING

Vaplas is a family-run company established in 1993 which is built on a good, solid and very British principle; **if a job's worth doing, it's worth doing well.**



Vaplas currently reside in a 10,000sq ft building which houses state of the art machinery. From **CNC mills, routers and lathes**, constant reinvestment is evident in the addition of new machinery every year.

# Industries Vaplas supply

Food processing, Pharmaceutical, Packaging, Beverage, Water Treatment, Textiles, Public/Private Utilities, Automotive, Chemical processing, Agricultural, Aerospace, Printing, Engineering, Construction, OEMs

amazon

Argos

BT

Coca-Cola

Mars

HARIBO

Virgin

Cott

Nestlé

British Gas

Tikmax



# CNC Plastic and Aluminium Machining

## Milling

Our CNC mills are able to machine intricate, precise one-off parts, or batch quantity of thousands, both from plastic or aluminium. The strictest quality control standards are operated throughout every stage of manufacture.

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## Routing

Our investment in CNC routers with full CAD-CAM operation and 5th axis capabilities ensures a routing service which delivers a professional, prompt and precise service.

Vaplas are able to produce almost any cut shape from an extensive range of industrial plastics achieving an exceptional standard of finish and accuracy every time.

Skilled machinists will work with the customer, assisting with problem solving during the design process and recommending cost saving options.

## Turning

Plastic turning is one of the key stages of the CNC plastic machining process. It is a form of machining used to produce rotational, asymmetric parts such as holes, threads and grooves. It is also ideal for prototyping several solutions.

We have expanded our machine shop from one NLX 2500 SY/700 Mill Turn machine to include two brand new DMG Mori CLX 450 Universal Turning Centres.

## CAD-CAM

Vaplas uses CAD (Computer Aided Design) CAM (Computer Aided Manufacturing) software to generate toolpaths that drive machine tools to turn designs into physical parts. CAD/CAM software is used to design and manufacture prototypes, finished parts, and production runs.

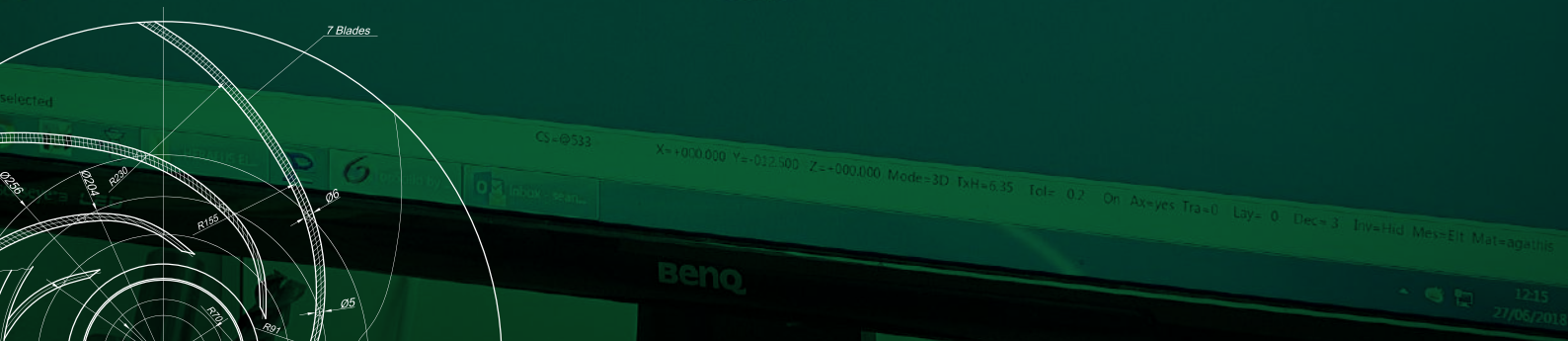
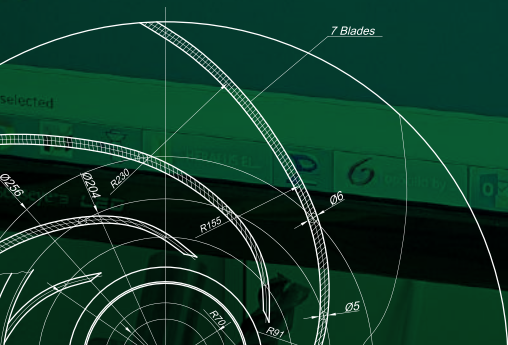
## Fabrication

Whether it's a machine guard or a plastic tank, our skilled engineers will bend, weld and bond quality stock plastic to perfection.

## Materials

We can use and supply quality approved materials to withstand extreme temperatures, chemical reactions and to suit all applications for water, food, drink or to reduce friction and display physical and mechanical properties for industrial environments and commercial requirements.

**PLASTIC ROD | SHEET | BLOCK | BILLET | STANDARD OR CUSTOM SIZES IN PERSPEX PVC  
PETG | NYLON | ACETAL | PEEK | ALUMINIUM**



# Quality and Service

With stringent quality procedures in place for all aspects of production, an **ISO 9001 accreditation** and other demanding testing procedures, Vaplas also invests in employee training and development to ensure both a service and a team which inspires customer loyalty.





# We believe good customer service is a necessity, not a luxury, and quality is key

To our customer, that means an accurately made product, of the highest quality, delivered on time.

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To enable Vaplas to supply this level of service, we have a highly knowledgeable team who speak to customers using plain Yorkshire, and make recommendations using our extensive knowledge of the industry.

We invest in the newest and most cutting edge machines and technologies to provide the highest finish of parts, exceeding customer expectations every time.

**Why choose anything less?**

