

CUTTING EDGE DESIGNS

CNC ROUTING SERVICE



AT THE
CUTTING EDGE
FOR OF ALL YOUR
CNC ROUTING NEEDS

ABOUT US

CUTTING EDGE DESIGNS are CNC Routing Specialists with over 22 years experience in shaping , profiling , carving and engraving MDF , Chipboard , MFC Composite panels , solid surfaces a full range of acrylics, plastics and metals plus many more. We operate from Newry right on the border from the north and south so access couldn't be easier , with over 22 years experience in this field our primary goal is to provide a CNC Routing service which is second to none with the cheapest rates possible, we have worked with a wide array of clients and trades from one of jobs to repeat orders with varying demands always with an eye on quality of product and quality of service



THE SERVICE WE CAN OFFER

ROUTING

CUTTING EDGE DESIGNS offers an extensive range of high quality CNC Routing services to clients both large and small throughout all industries. Offering simple or complex shaping, profiling, cutting and routing on a wide range of materials, we are able to carry out one off production or large batch runs

DESIGN

CUTTING EDGE DESIGNS has a dedicated design team where our designers are highly skilled not only in the design aspect but also in CNC router operation and set up , this ensures that we can translate your design onto the routing machines , guaranteeing perfect results time and time again

MATERIALS

CUTTING EDGE DESIGNS holds an extensive range of materials which helps reduce lead time and hassle , We are also happy for you to send you own materials. With our large knowledge of materials and how they should be machined we ensure quality workmanship every time

FABRICATION

In addition to our CNC machining service we can provide a fabrication service where we can build and finish your product or components to your exact specifications providing a one stop shop from concept to finished products

SHIPING & LOGISTICS

Based in Newry with direct access to the main motorway network we are perfectly positioned to send products anywhere with in Ireland and the U.K.

WHY USE US

- 22 years' experience in CNC Routing
- 3 large format Digital CNC routers
- The cheapest hourly rates available
- Overflow and back up service for CNC owners
- Design service for all file types 2d & 3d
- Cad & graphic files fixed or created
- Part assembly and fabrication
- Paint & finishing services
- Trade printing and sign manufacture
- Only High quality workmanship
- All work is guaranteed
- Super-fast turnaround same day in needed
- Massive range of materials
- Supply your own materials If you want
- Next day on materials from other suppliers
- Next day delivery on all orders
- Strictly Trade Only
- Professional, Fast & friendly service always



WHAT WE CAN CUT

Listed below are some of the materials we typically machine.

WOOD:

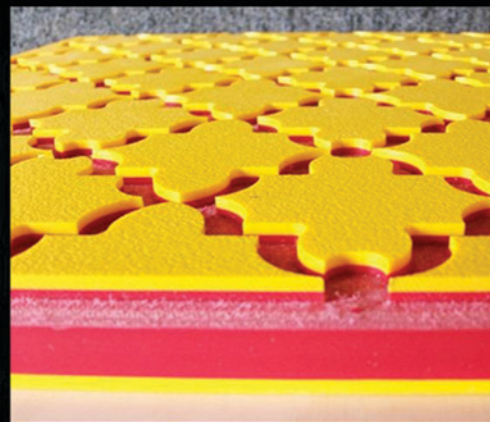
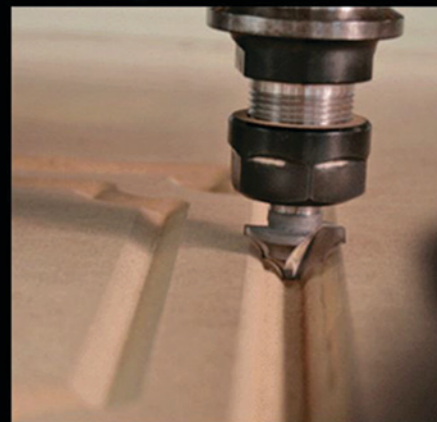
- MDF & VARIATIONS
- PLYWOOD & VARIATIONS
- LAMINATED PANELS
- MFC
- HARDWOODS
- SOFTWOODS
- DENSIFIED WOODS
- FIREPROOF MDF
- WOODEN FLOORING

PLASTICS:

- ACRYLICS
- POLYCARBONATE
- PVC
- PETG
- ABS
- POLYESTER GLASS
- EPOXY GLASS
- PTFE
- ACETAL
- NYLON

OTHER:

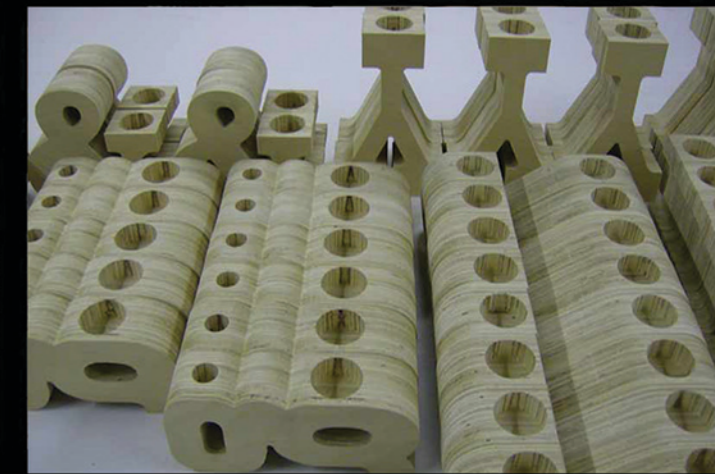
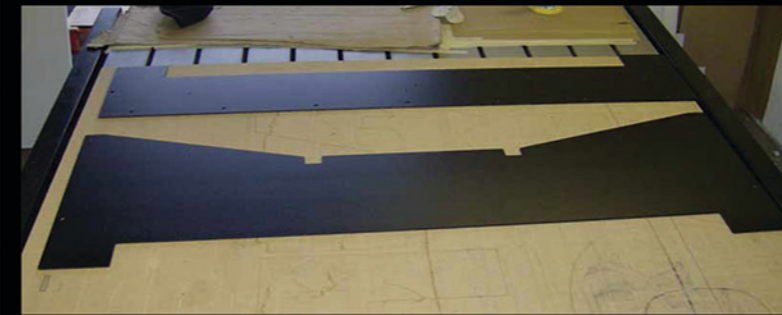
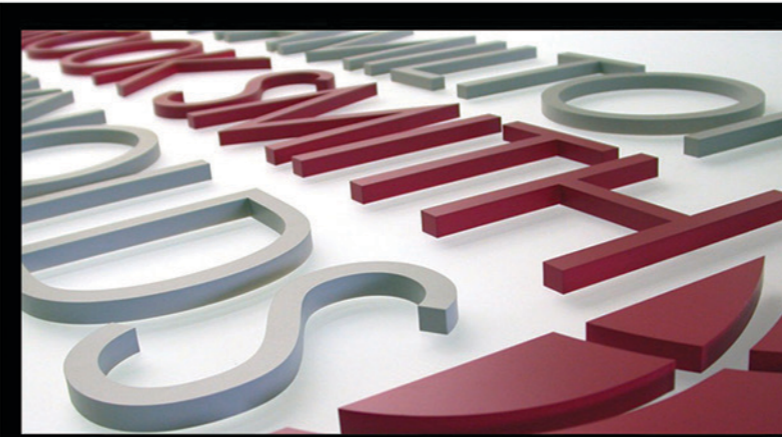
- ALUMINIUM
- BRASS
- STEEL
- COPPER
- DIBOND
- CORINNE
- FOAMEX
- RUBBER
- CORK
- CARBON FIBRE



CNC ROUTER APPLICATIONS

Listed below are some of the applications we do on the cnc routers

- FLAT CUT LETTERS & LOGOS
- BUILT UP LETTERS & LOGOS
- ENGRAVING
- SIGNS BLANKS
- INLAYED FOLDED PANELS
- CARVED 3D LETTERS
- CARVED PANELS
- P.O.S DISPLAYS
- ACRYLIC DISPLAYS
- MACHINE GUARDS
- 3D CARVING
- WOOD COMPONENTS
- DOORS AND PELMETS
- FRET WORK PATTERNS
- FIREPLACE SURROUNDS
- RADIUSSED HANDRAILS
- PANEL WORKS
- SLAT WALL
- GLAZING BARS
- V GROOVED BOARDS
- CORBELS
- INLAYS
- PRECISION PROFILING
- PRECISION DRILLING
- UNDERCUTTING
- RECESSING – POCKETS
- COMPLEX 3D SURFACES
- MILLWORK
- MOULD MAKING
- FLAT PACK PARTS
- 2D CHIP CARVING
- BAS RELIEF
- FULL 3D CARVING



CASE STUDIES

GAME OF THRONES

3D CARVE 8 DOORS IN 8 WEEKS

- Product concept initial drawings
- Amend 3d designs for machining
- Set up CNC routers for initial carving pass
- Final cutting of 3d design
- Fix any problem areas within door structure
- Complete 1 door per week (60 hours each)
- Hand finish ready for set painter to stain

THE BURNING TEMPLE

Machine over 300,000 parts in 2 months

- Meet with the Temple designer
- Process the designs and sort deadline
- Source 300+ birch plywood sheets
- CNC Cut over 300,000 separate pieces
- Meet deadline of 2 months for machining
- Keep all of-cuts for temple extras
- Palletize panels & pieces for onsite delivery

FERRARI

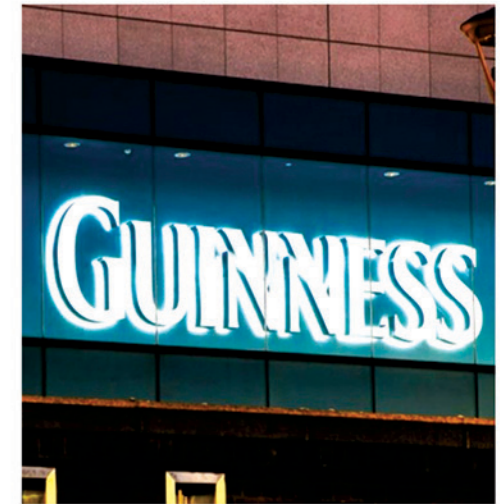
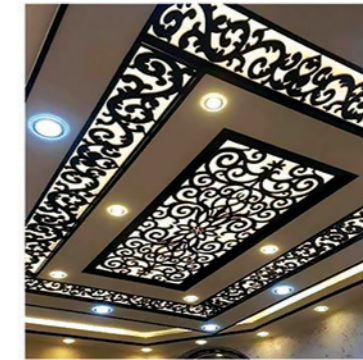
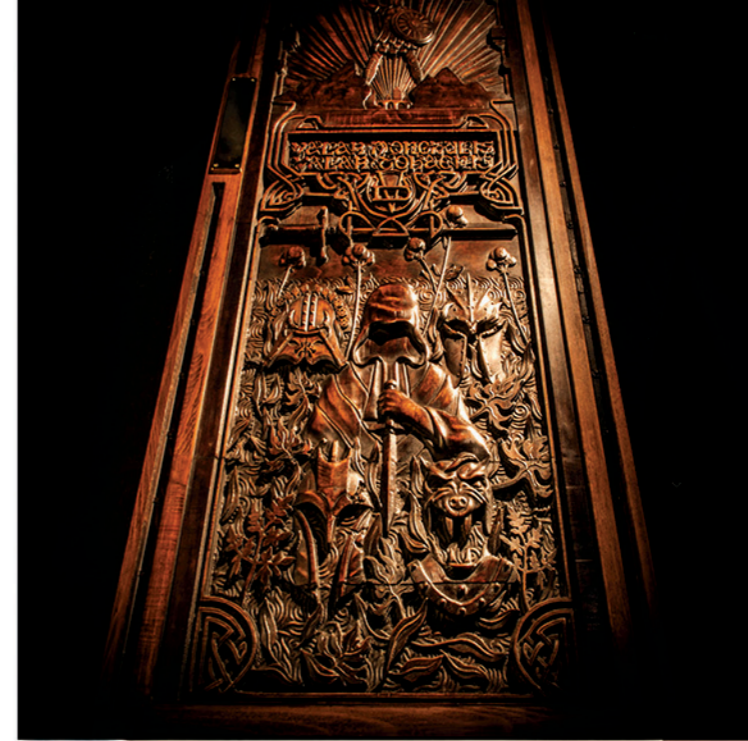
Build acrylic displays for new showroom

- Review and checking initial drawings
- Site survey with contractors
- Digitizing templates in Cad software
- Machining core components and all fixtures
- Heating and building of the acrylic displays
- Final finish , inspection and detailing
- Installation and sign off by client

GUINNESS

3m high channel letters Halo & face lit

- Talk with client about project
- Draw up plans for letter manufacture
- Source material and start CNC work
- Hand make each 3m letter
- Add leds source to internal sub frame
- Test letters & close up back
- Palletize letters ready for fitting team



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