

Metalwork designed, made, finished and assembled under one roof.

A UK manufacturing partner in Chard, Somerset, for fabricated, finished and powder-coated metal products. One-off projects, repeat batches, rollout programmes and urgent work.

 Everything we do is confidential. Your designs stay yours.

1991

ESTABLISHED

20,000 sq ft

CHARD FACILITY

ISO 9001

CERTIFIED

In-house

POWDER COATING

ONE ACCOUNTABLE PRODUCTION ROUTE

From drawing to finished product, without passing between suppliers

01 Design	02 Cut	03 Punch	04 Fold	05 Machine	06 Weld	07 Coat	08 Assemble
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HOW WE SUPPORT BUSINESS CUSTOMERS

One-off projects

New products and bespoke metalwork, designed and checked before production.

Repeat batches

Scheduled runs and call-off supply from stored drawings and agreed specifications.

Rollout programmes

Multi-site metalwork produced in batches to match your installation schedule.

Urgent and overflow work

Extra capacity when deadlines are tight or another supplier is stretched.

01 • MANUFACTURING CAPABILITIES

Every process in one 20,000 sq ft facility

Cutting, forming, machining, welding, powder coating and assembly in one place, so your parts never leave the building until they are finished.

01

Design & technical support

- 3D CAD in SOLIDWORKS
- Drawing and design review
- Feasibility and route planning
- Brief or sample to drawing

02

Sheet metal work

- Panels, brackets, housings
- Cabinets, frames and supports
- Display and POS components
- Repeat sheet metal parts

03

Laser cutting

- Parts cut to your drawings
- Panels, plates and profiles
- Components for fabrication
- Repeat batch and project runs

04

CNC punching

- Holes, slots and vents
- Formed features
- Enclosure and panel parts
- Production batch work

05

Metal saw cutting

- Tube, bar and section
- Stock cut to size
- Repeat cut lengths
- Preparation for welded frames

06

CNC milling

- Precision machined features
- Drilling and profiling
- Machining of fabrications
- Accurate fit components

07

Press brake folding

- Folded panels and brackets
- Housings and covers
- Formed metal sections
- Repeat folded parts

08

Fabrication & welding

- MIG and TIG welding
- Welded frames and structures
- Welded assemblies
- Built to supplied drawings

09

Laser welding

- Clean, controlled welds
- Ideal for visible weld areas
- Finished metal products
- Repeat assemblies

10

Powder coating

- Automated in-house line
- Pre-wash and drying
- Manual spraying for small runs
- Up to 3000 x 1500 x 850mm*

11

Assembly

- Fabricated product assembly
- Assembly after coating
- Repeat product assembly
- Finished units, not loose parts

MATERIALS

We work in

Mild steel
Stainless steel
Aluminium

* Maximum powder coating size, subject to item geometry, condition and process suitability.

02 • WAYS WE WORK WITH YOU

Built for one-off jobs, repeat supply and national rollouts

Repeat batch manufacturing

- Scheduled production runs
- Call-off supply arrangements
- Stored drawings and agreed specifications
- Consistent finish, batch after batch

Rollout programme support

- Metalwork for multi-site rollouts
- Fixtures, display frames, shelving and brackets
- Batch production by release
- Planned around your installation programme

Urgent and overflow support

- Fast review of urgent requirements
- Extra capacity when a supplier is under pressure
- Route planned on live capacity

New products and one-off projects

- Design before manufacture
- Fewer prototyping mistakes
- Improvements to existing products

03 • SECTORS WE SUPPORT

Retail and shopfitting

Display and POS

EV charging equipment

Forecourt equipment

Lockers and secure storage

Material handling

Gym and leisure

Hospitality fit-out

Self-service equipment

Agriculture and infrastructure

Industrial and OEM supply

WHAT WE MAKE

Retail, shopfitting and display

Display frames and stands, shelving systems, retail brackets, POS metalwork, fixture components, high street fit-out metalwork

Commercial and industrial

Equipment panels, mounting brackets, fabricated frames, metal housings and cabinets, support structures, repeat OEM components

EV, forecourt and infrastructure

EV charger housings, equipment and forecourt cabinets, site equipment metalwork, installation programme metalwork

Storage and handling

Lockers, secure storage cabinets, cabinet doors, internal storage structures, material handling and warehouse metalwork

Gym and leisure

Gym equipment frames, leisure equipment parts, repeat welded structures, powder-coated gym components

04 • WHY CUSTOMERS USE TECHRAIL

One partner, one route, one point of accountability

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|--|--|
| ✓ UK manufacturing partner, established 1991 | ✓ One accountable production route |
| ✓ Design, fabrication and finishing under one roof | ✓ In-house powder coating |
| ✓ ISO 9001 certified | ✓ 20,000 sq ft facility in Chard, Somerset |
| ✓ Made to your drawings and specifications | ✓ Repeat batches, rollouts and call-off supply |
| ✓ Practical review of urgent and overflow work | ✓ Trade and business customers |

05 • SEND US YOUR BRIEF

Whatever stage you are at, we can review it

Drawings or CAD files

Samples or part information

Material specification

Finish requirement

Quantity and delivery date

Repeat, rollout or urgent needs

1

Send us your drawings, sample or brief.

2

We review material, finish, quantity and required date.

3

You receive a quote and a clear production route.

**Everything we do is confidential**

Your drawings, CAD files, samples, pricing and product designs are handled in strict confidence and never shared. We are happy to sign your NDA before you send anything.

Talk to us about your next project

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