



Design

For over seven years we have worked closely with our key customers to refine the manufacturing detail of the lift cars primarily to ensure that once they arrive on site, they can be assembled simply and easily, minimising site labour and installation issues. Through standardisation of design elements it has also given us the template to easily vary the size and finish of the cars to best reflect what the end customer wants.

Manufacture

Our assembly line is flexible which enables us to switch to glass cars, stainless finishes or large industrial cars without disruption. The frame work of the car is manufactured using the latest turret punch and laser cutting machines, interfaced through CAD/CAM computer controlled systems to give consistency, accuracy and speed.

We have a core range of subcontractors to complete the wiring looms for example and the myriad of finishes that a demanding market requires.

The skills we have developed in recent years are one of assembly line manufacturing, which can be applied to a wide range of products, not just lift cars. This is backed up by a busy range of the latest component manufacturing machinery that gives economies of scale that local manufacturers sometimes struggle to achieve.

Factory

10 skilled staff in a 1000m² workshop serviced by a 5 tonne over head crane.

Supporting machinery

Laser

A 4kw Amada FO-4020 NT model with a 4m by 2m operational bed.

Thickness, up to: 22mm mild steel
 16mm stainless steel
 12mm aluminium

Turret Punch

Three Amada and one Wiederman turret, linked to CAD/CAM computer design and control systems.

Size: Up to: 5m x 1.5m sheets, 8m x 1.2m sheets
 Thickness: Up to: 6mm mild steel, 3mm stainless steel.

Brakepress

Three Amada and one Scott Brakepress with full CNC control

Capacity: Up to: two hundred tonne

Guillotine

One Amada with DNC control.

Thickness: 6mm mild steel, 4mm stainless.

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Farra divisions

Farra Lift Components is one of seven divisions of Farra Engineering Limited. The other divisions are:

- Farra Access Equipment
- Farra Casting
- Farra Sheetmetal Components
- Farra Fabrication
- Farra Machining
- Farra Stainless