

Build envelope – Self-checkout counters

Enclosures, work surfaces and frames for self-checkout – screen-agnostic, scanner-agnostic, terminal-agnostic. We build the furniture. You keep the intelligence.

What we are tooled for

	Compact	minimum footprint, basket-sized transactions.
	Standard	full bagging area, the volume envelope.
	Bulky-goods	deep well and reinforced load path for DIY, garden and station formats.

These are envelopes, not products. You draw the counter; we tool for the family.

Build envelope

Sheet	1–15 mm
Materials	carbon steel and stainless (about 90% of our work); aluminium (about 10%)
Welding	MIG-MAG, TIG, stud, resistance and handheld laser for thin sheet – certified to ISO 3834-2:2021
Preparation	vertical-track chamber shot blasting
Finish	powder coating in-house, any colour and texture. Galvanizing and KTL through certified partners
Assembly	mechanical and electronic assembly, with testing
Series	200–10,000 a year, from batches of ten

The numbers, before you ask

4 weeks From order to delivery. Series production, no special requirement.	10 pieces Minimum order.	200 a year Minimum annual volume to keep your tooling live.	6-8 weeks Validated first article, with a measurement report.
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Tooling appears as a separate line in every quote. You always see what the changeover costs, and what it buys.

Cut → Bend → Weld → Blast → Coat → Assemble → Test

Cut	Bend	Weld	Blast	Coat	Assemble	Test
Laser cutting	CNC press brake	Robot welding, ISO 3834-2:2021	Shot blasting	Powder coating, in-house	Assembly	3D scan measurement

What we don't build

- One-offs and prototypes
- Machining and milling – we are not a machine shop
- Plastics
- Structural steel over 250 kg
- On-site construction work
- Product design – that stays with you

How switching goes

Estimate · quote	You send the file. We estimate what it takes to build it.
Initial Sample · 6-8 weeks	We integrate your part into our production system.
Validation · measurement report	We validate the first article – not just build it.
Manufacturing · 4 weeks from order	Series production begins.

Product design stays yours while we optimize the manufacturing process along the way. We build to your construction and hand you a measurement report against it.