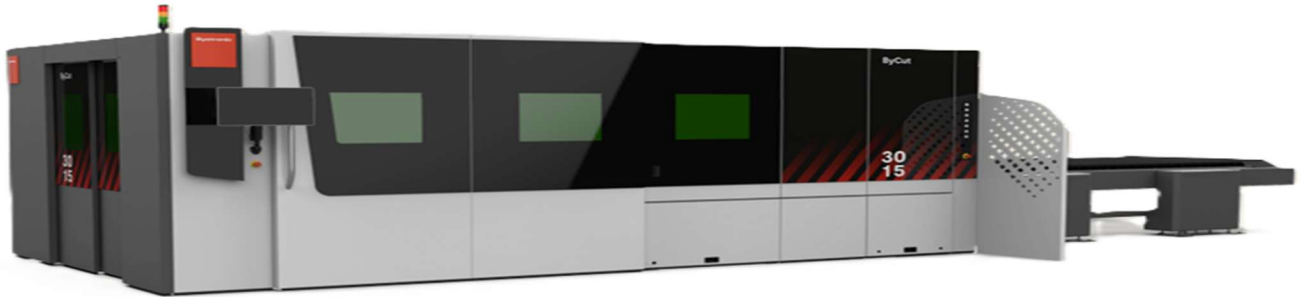




SevenHills
FABRICATION

Engineering Excellence
Since 1926



20kW Bystronic ByCut 3015 Flatbed Fibre Laser Cutting

High capacity for faster turnarounds, cleaner cuts, and greater materials flexibility.

Now available at SevenHills Fabrication

Key Capabilities & Benefits

- **High power (20kW):** Supports faster cutting and improved productivity, especially on heavier gauges.
- **Smart Assist-gas:** Mixed-gas cutting improves speed and cut quality whilst reducing cleaning/fettling.
- **Automatic Beam Shaping:** Optimizes the beam profile to improve cut quality on medium and thick material.
- **Intelligent Cutting Process (ICP) Camera:** In-process monitoring through the nozzle helps protect cut quality and detects issues early.
- **Linear Drive Technology:** High dynamics for complex geometries and repeatable accuracy.
- **Automatic Nozzle Centering:** Maintains stable cutting performance and consistency.
- **Automation-Ready:** Designed to integrate with loading/unloading and support reliable, unmanned operation.

Why it Matters

- Shorter lead times on laser-cut parts.
- Consistent quality that reduces rework.
- Better throughput for repeat and batch work.
- Ideal for prototypes, one-offs, and production runs.
- Automation-ready to keep jobs moving.

Sheet Size

- 3015 format (3m × 1.5m sheets)

Max Cutting Thickness

- Mild steel: 30mm
- Stainless steel: 40mm
- Aluminium: 40 mm
- Brass: 20mm
- Copper: 20 mm

Get a Quote

Send: DXF / STEP / PDF drawings

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