

BRANTWOOD STEEL

Capability sheet

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Structural steel fabrication and erection, Sheffield. Portal frames, commercial frames and secondary steel, 20 to 400 tonnes. Detailing, fabrication, finishing and erection under one contract.

CAPABILITY	FIGURE	NOTES
Maximum section length	18 m	Longer members spliced on site
Maximum piece weight	12 t	Two 10 t overhead cranes, tandem lift
Throughput	60 t per week	Single shift, typical mixed work
Bay 1	48 m x 18 m x 9 m	Fabrication and assembly
Bay 2	36 m x 15 m x 8 m	Plate work, painting, despatch
Beam line	Up to 1,100 mm deep	Saw, drill and cope in one pass
Plate processing	3,000 x 12,000 mm, 100 mm thick	Plasma and oxy-fuel cutting
Drilling	3-axis CNC, 40 mm dia.	Flanges and webs
Welding	MAG, MMA, SAW	BS EN ISO 9606-1 coded welders
Surface treatment	Blast to Sa 2.5, prime and paint	Galvanising by partner, 7-day turnaround
Execution class	EXC2 and EXC3	BS EN 1090-2, UKCA and CE marked

ACCREDITATIONS AND INSURANCE

- UKCA and CE marking to BS EN 1090-1, EXC3
- ISO 9001:2015, UKAS-accredited certification
- Constructionline Gold
- SSIP through CHAS Advanced
- Welders coded to BS EN ISO 9606-1; procedures to BS EN ISO 15614-1
- Employers and public liability GBP 10m; professional indemnity GBP 2m

PLANT

CNC beam line to 1,100 mm deep; CNC plasma and oxy-fuel plate table 3 m x 12 m; 3-axis CNC drilling line
Two 10 t and two 5 t overhead cranes; shot blast cabinet to Sa 2.5; heated paint bay 20 m x 8 m
Tekla Structures detailing with IFC and DSTV exchange; connection design to BS EN 1993 in house