

## Structural Steel Manufacturing Lines Lydney, United Kingdom

**LOT 529003:  
FARLEY PLATE PROCESSING MACHINE, YEAR 2007  
TECHNICAL SPECIFICATIONS**



**PRIVATE TREATY SALE  
AVAILABLE FOR IMMEDIATE SALE**

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# Farley Plate Processing Machine (Year 2007)

**Available for Immediate Sale**  
**Location: Lydney, United Kingdom**

Farley Fabricator Plate Processing Machine – (Year 2007)  
Serial No. 2144  
Tool Unit Type: HPR 260 Drill, OXY+PM Marker  
Gas Type: O2, N2 AIR & LPG

Comprising:

- 18x6m water cutting table
- Bridge complete with integrated drill head (8 station ATC)
- Oxy cutting, oxy marking, plasma cutting, plasma marking and hard stamping heads
- HyPerformance Plasma HPR260 Plasma Cutting System
- Serial No. 260-002240, 52KVA. Year: 2007
- Unix based controls with Siemens Drives
- Complete with Pallets of Spares/ Consumables

*Drawings and Manuals Available – Electronic Format*

*Dismantling and Loading Available – On Request*

**Farley Fabricator – 2007:**

Machine power supply	400v 3-PH, 50Hz, 100A
Machine weight	8 tonnes
Overall size	9.6m x 24m
Rail centres	7m
Bed size	6m x 18m
Plate size	Max 4m x 16m

**Oxy-fuel**

Plate thickness (oxy cutting)	1mm to 125mm
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**Plasma**

Plasma unit	HPR260
Plasma power supply	400 VAC, CE, 3-PH, 50 Hz, 75 amps
Recommended fuse	slow-blow 90 amps
Plate thickness (plasma cutting)	1.5mm to 38mm

**Marking**

- Plasma marking
- Oxy-fuel marking
- Dot matrix hard stamping

**Drilling Spindle**

Driving motor	AC Spindle motor
Tool fitting	BT40
Max axial force	10000 N
Maximum spindle speed	4500 rpm
Diameter	9.5mm to 30mm

	<b>Continuous</b>	<b>30 min</b>
Constant torque to 500 RPM	220 Nm	287 Nm
Constant kW above 500 RPM	11.5 kW	15 kW

The spindle motor has a range at constant torque from 450 - 4500 rpm.

Between 0 - 500 rpm the spindle motor applies a constant torque and between 500 - 4500 rpm a constant power.

Farley Fabricator – 2007:



18m water table:





Main bridge with drill head inside:



Oxy cutting, oxy marking, plasma cutting, plasma marking and hard stamping heads:



Operator controls:



Plasma and marking head controls:





Coolant pump:



Plasma unit:

