



Innovation in Motion

Established

1953



- **Gear racks, pinions, screws, nuts and machined components**
- **Broad capabilities and nearly 75 years of experience**
- **High-end equipment, experienced staff and international customer support**

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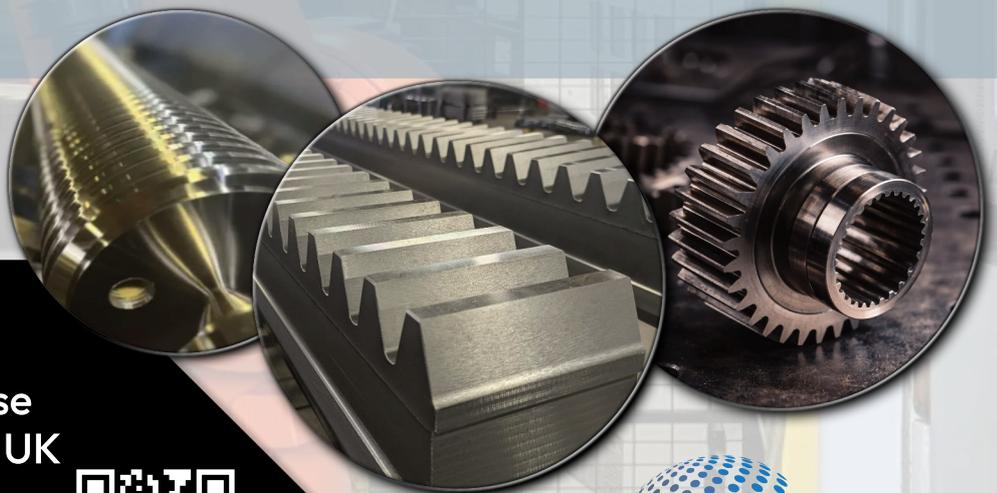
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Innovation in Motion

HRS is one of Europe's largest manufacturers of precision engineered gear racks and pinions, lead and power screws, nuts and subcontracted machining to customer specifications. We are a diverse engineering business of approximately 40 employees established in 1953 based in Brighouse, West Yorkshire UK.

Over the past 10+ years, after making large investments in equipment and increased machining capability, we have become a sophisticated high level machine shop capable of supporting a diverse range of piece part CNC machined and precision metal parts.

Machine	Type	Capacity	Features
DMU 65 FD Monoblock	5-Axis Machining Centre	Ø 840 mm × 500 mm height	Milling + Turning in one setup High-speed spindle FD table
Doosan PUMA 800 XLY	CNC Turning Centre	Ø 750 mm × 5 m length	Live tooling Y-axis Long-shaft machining
Ibarmia ZV4 / ZV5	4-Axis CNC Milling	X 4,000–5,000 mm travel	Rotary tables Large-format structural machining
Haas VF12-50 / VF6-50	3 & 4-Axis CNC Milling	X 3,000 mm × Y 800 mm	High-torque heads Precision tooling Automation-ready
Kesel RMX Rack Milling Machines	Rack Cutting	Up to 3 m length Module 40	Precision rack milling Helical & straight gears
Whirling Machines	Thread Whirling	Ø up to 80 mm × 600 mm length	Acme, Trapezoidal & Modified Square threads
EDM Machines	Wire EDM	500 mm × 350 mm × 300 mm	Complex profiles High-precision tooling No mechanical stress
CNC Lathes & Turning Centres	CNC Turning	Ø up to 450 mm × 2 m length	Multi-tool turrets Bar feed Production turning



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