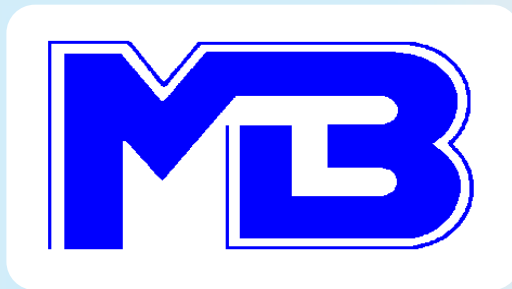


Morris Brothers

(Tunstall) Limited



CAPABILITY / CAPACITY

***Morris Brothers (Tunstall) Ltd, Phoenix Works, Scotia Road,
Burslem, Stoke-on-Trent, ST6 4HB, England.***

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MORRIS BROTHERS

A privately owned company incorporated in 1948, Morris Brothers has a wealth of experience in the engineering industry. For many years it has led the field in the supply of tooling and specialised handling machinery to the precast concrete industry coupled with associated work on the hydraulic presses utilised in this sector. To maintain its market position capital investment has been ongoing and modern machining/fabrication facilities along with computer aided design and manufacture are a particular feature. Through recent years this experience and expertise has enabled Morris Brothers to broaden its scope and other industries are now benefiting from purpose designed/built machinery, control systems and the extensive sub-contract capabilities.



MORRIS BROTHERS FLUID POWER

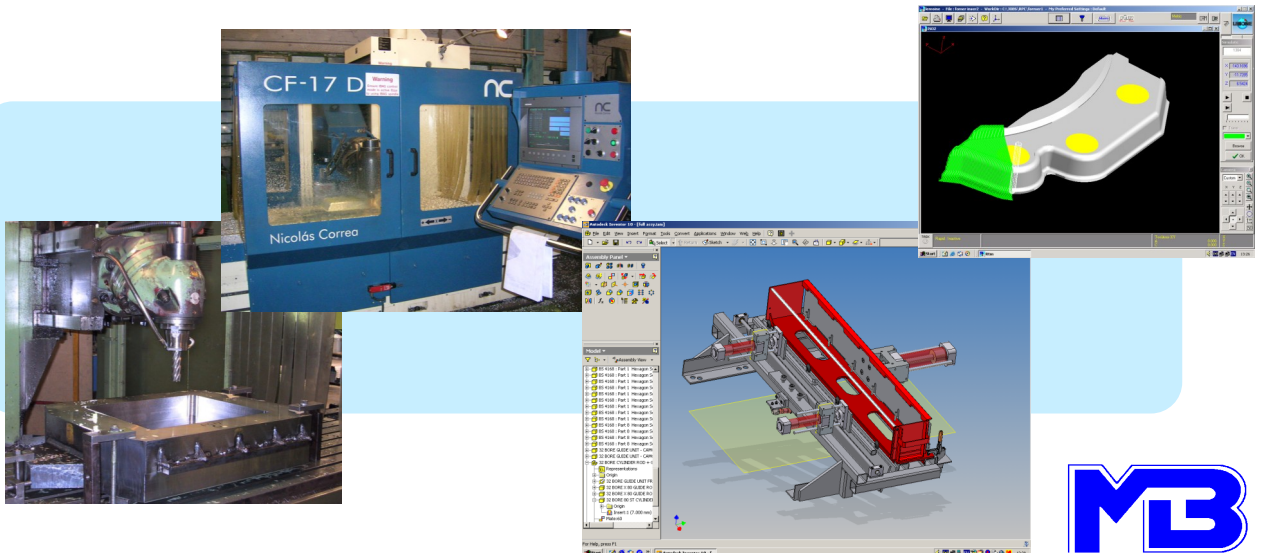
Morris Brothers Fluid Power is a subsidiary of Morris Brothers (Tunstall) Ltd., formed in 1987 to formalise the involvement with pneumatics and control systems, which began in the 1960's. The consequence has been to focus activities in areas of expertise with key personnel, experienced in the actual use and application of the product offering. Associations with major manufacturers are a feature of the operation and the distribution platform.



CAPABILITY



- Precision Milling - CNC, High Speed and Conventional
 - Turning - CNC & Conventional
 - Shaping
 - Vertical Boring
 - Fabrication
 - MIG Welding
 - Drilling/Tapping - CNC, Radial and Pedestal
 - Profile Cutting
 - Sawing
 - Inspection
 - Fitting
 - Guillotining
 - Special Purpose Machines - Design and Build
 - Site work
-
- AutoCAD Inventor & Mechanical Desktop 3D System
 - RTM 3D CAM System



CAPACITY

MACHINE	X mm	Y mm	Z mm
1 No-Huron SX Bed Type CNC Milling Machine	3000	1000	1050
1 No-Huron SX Bed Type CNC Milling Machine with Auxiliary IBAG High Speed Milling Head (Max 30,000)	2400	730	1050
1 No-Correa CF17D Bed Type CNC Milling Machine with IBAG	2000	800	800
1 No-Haas VF6:Vertical Machining Centre with Electronic Tool	1626	813	762
3 -Haas VF4 Vertical Machining Centres with Electronic Tool (20) Changer. 1 No Fully programmable 4th axis module.	1270	508	635
1 No-Haas TM2 Vertical CNC Milling Machine	1016	406	406
1 No-Huron MU6 CNC Milling Machine with Auxiliary IBAG High Speed Milling Head (Max 30,000 RPM)	1500	800	600
1-Huron NU5 Milling Machines with D.R.O.	1300	700	500
2 – OMZ CNC 6 Turret Drilling/Tapping Machines	1000	400	500
1 No-Haas SL 30 CNC Turning Centre. 1 No-Haas ST 30 CNC Turning Centre	<ul style="list-style-type: none"> • Chuck Size.....254mm (10") • Bar Capacity76.2mm (3") • Between Centres.....990.6mm (39") • Max Cutting Dia.....431.8mm (17") • Max Cutting Length...863.6mm (34") • Turrets.....12 • Automatic Bar Puller • Programmable Tailstock • Rigid Tapping 		



AFFILIATIONS

The Engineering Employers Federation – West Midlands. Established in 1897. An employers' organisation providing support and advice to member companies and representing the engineering and manufacturing industry's interests.



The North Staffordshire Engineering Group Training Association Ltd., formed in 1966 to assist the engineering industry with training. The NSEGTA provides a professional service to member companies and a consultancy service to non-members in all aspects of training.
www.nsegta.co.uk



The Science, Engineering, Manufacturing Technologies Alliance. The Sector Skills Council for engineering, formed in 1996 through a merger of the Marine and Engineering Training Association and the Engineering Training Authority (EnTra). Morris Brothers was a founder member of EnTra.



The North Staffordshire Chamber of Commerce and Industry. Established in 1851, its primary function being to promote and protect the interests of the business community in North Staffordshire and South Cheshire.
www.northstaffs-chamber.co.uk



The British Precast Concrete Federation Ltd., promotes precast concrete in the construction market, disseminates information to its members and their customers and, through a range of industry representation and sharing of information enables its member companies to expand their business.



Interpave – The Precast Concrete Paving and Kerb Association. A product association of the British Precast Concrete Federation Ltd., representing producers and suppliers to the industry.



The National Precast Concrete Association is an international trade association representing the manufacturers of plant produced concrete products and the suppliers of the industry. NPCA began in 1965 and today represents members in all U.S. states, six Canadian Provinces, and seven other countries throughout the world.

