

## COMPLEX MACHINING OPERATIONS

Our machining capacity includes the Okuma Multus multifunction CNC machine shown at right. This machine is equipped with double ended spindles for complete machining of parts in one set up. This five axis machine; C, X, Y Z and B; allows operations such as turning, milling, drilling and tapping to be performed at any angle. The machine tool capacity is 80 stations and automatic bar feed up to 100mm diameter. Single work pieces up to 710mm diameter or 1500 mm in length can be accommodated in the machine. The capacity and versatility of our CNC machines enable work pieces of considerable complexity to be produced with a minimum number of operations. Such versatility permits considerable reduction in cost whilst maintaining a high degree of quality and accuracy.



### PRODUCTION OF SPLINED COMPONENTS IS OUR SPECIALITY

We are specialists in the production of splined components. External splines are produced either on our hobbing machines or gear shapers. We have a large range of external splined hobs and external spline shaper cutters.

Internal splines are produced either by broaching or by gear shaping. We have a very extensive range of broaches and internal shaper cutters for imperial and metric involute splines as well as a large range of tools for the production of straight sided splines.



### PRODUCTION OF GEARS

We manufacture external and internal spur and helical gear components for a wide range of applications and have available a large range of hobs for gears and sprockets. External and internal gear shaper cutters are also available for the generation of gears by the gear shaping method. Gear tooth rounding is also carried out at our facility.

## RECONDITIONING SERVICE

OEM Dynamics offers a reconditioning service on all OEM power transmission components as well as other manufacturer's pump drives, transfer boxes and right angle drives.

We stock a large range of Durst & Technodrive pump drive spare parts.

## CAD MODELLING

Using the latest *Solid Edge* CAD modelling programme from Siemens PLM, OEM Dynamics can offer fast, efficient and accurate modelling of parts & assemblies. OEM can provide customized solutions for all requirements. From projects costing \$100 to \$1M, we can provide a solution to your requirements.

We can import/ export most common formats including DXF, DWG, STP & IGES.

We can also export drawings in pdf format and 3d models in 3d pdf format.

