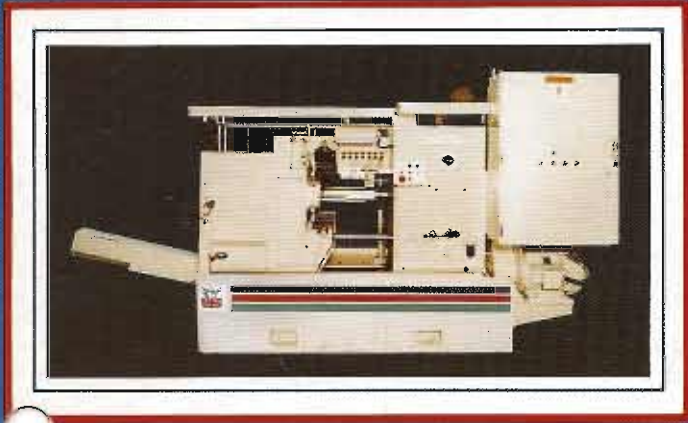


WICKMAN



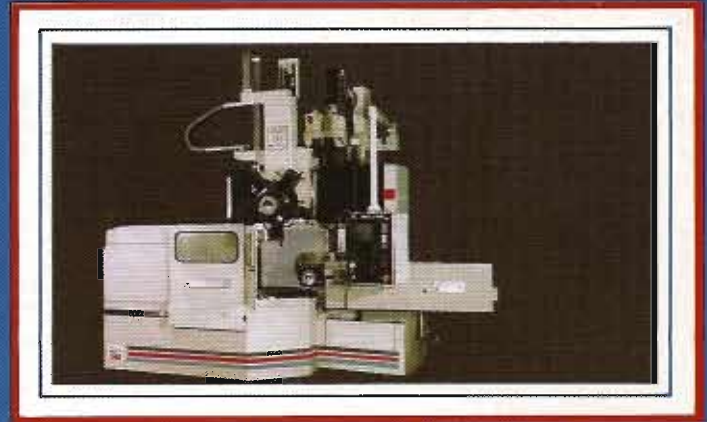
*Wickman Multi Spindle Bar
& Chucking Lathes*



*Wickman Multi Spindle Automatics
with CNC Finishing*



Wickman CNC Optical Profile Grinder



Webster & Bennett Vertical Turning Lathes



Wickman CNC Multi Axis Turning Centres



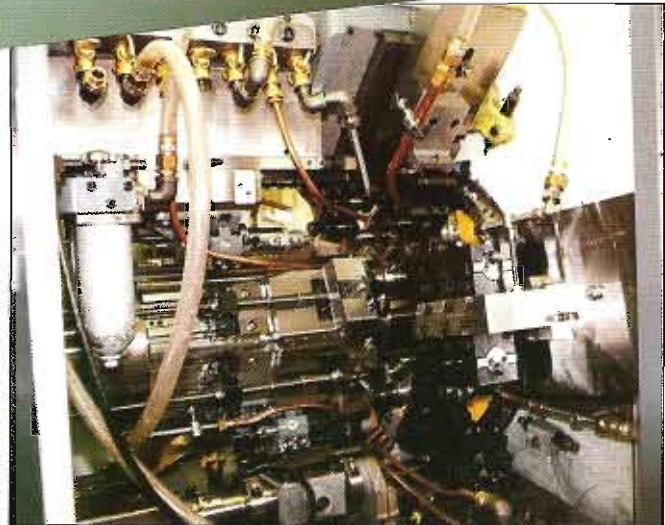
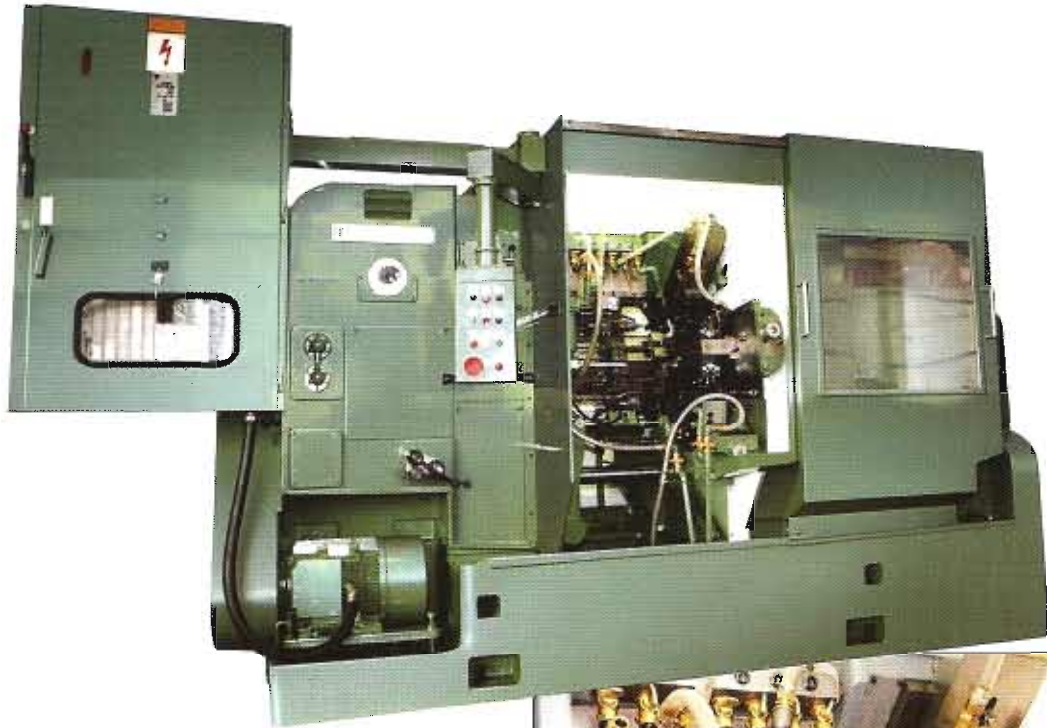
*Wickman CNC 26-130mm Bar
& Chucking Automatics*



MACHINE TOOLS



Wickman Multi Spindle Automatics



With more than 15,000 machines installed throughout the world, Wickman continues to provide its whole range of time-proven, highly reliable, no cam change, 6 and 8 spindle bar and chucking automatics. Refinement to the existing design takes place constantly and new features are incorporated whenever they provide a benefit. The latest Wickman Multi Spindle Automatics are being asked to produce components to finishes and tolerances which, many years ago, would have been produced on grinding machines, with uptime reliability to meet today's requirements.

As well as the standard machine build, the machines can also be offered with variations such as collet chucking, long bar feed, double bar feed, and spindle stopping variations. An extensive range of standard and special tooling and attachments are available. Considerable interchangeability between tooling and attachments within the range is possible.

They can be readily adapted to meet special requirements, including Preset Tooling, Automatic Load and Unloading of Components, Coolant Filtration and Refrigeration, Automatic Bar Magazine Loading and Component Inspection including Statistical Process Control.

RANGE OF MACHINES

Bar Capacity

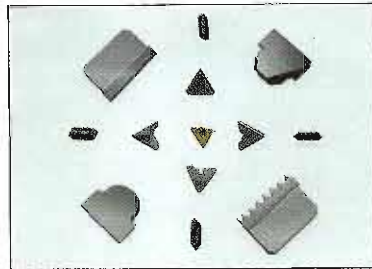
5/8" /16mm x 6 sp.
1" /25mm x 6 sp.
30mm x 6 sp.
1 3/8"/35mm x 6 sp.
1 3/4"/45mm x 6 sp.
2 1/4"/57mm x 6 sp.
2 5/8"/67mm x 6 sp.
3 1/4"/82mm x 6 sp.
1" /25mm x 8 sp.
1 1/4"/32mm x 8 sp.
1 3/4"/45mm x 8 sp.
1/50mm x 8 sp.

Chucking Sizes

5 5/8" /143mm x 6 sp.
6 5/8" /168mm x 6 sp.
7 1/4" /186mm x 6 sp.
6" /154mm x 8 sp.

This range of machines can be supplied with single or double indexing and hydraulic chucking is standard. Can be automatically loaded and unloaded and can be coupled together in production lines or flexible machining systems.

Wickman CNC Optical Profile Grinding Machine



Developed from the well known manual machine to provide an enhanced specification in large screen or pantograph models.

IF YOU ARE GRINDING IRREGULAR SHAPED CONTOURS OR FLAT OR CIRCULAR FORM TOOLS, MALE OR FEMALE PROFILE GAUGES, PUNCHES AND DIE SEGMENTS – YOU SHOULD BE LOOKING AT THIS MACHINE.

- even higher levels of accuracy and versatility
- stores up to 63 programs

Wickman 4 Axis CNC Grinding Machine



This machine was originally developed as part of a Turnkey project. It is now offered as a standard machine capable of simultaneously grinding an outside diameter and a face with automatic wheel dressing between cycles, together with robot loading, prolonged unsupervised production can be attained thus giving high machine utilisation.

Wickman CNC Turning Centres



26/130 Model



76/250 Model

The 26/130 CNC small batch auto supplies, in its innovative design, an ideal production solution to the company manufacturing small, repetitive batches. With detachable tool platens and integral work holding systems, component change-over times can be reduced to a minimum. With the 550mm 'X axis' stroke, comprehensive tooling 'set-ups' can be used including driven tooling enabling the most complex of parts to be manufactured on this accurate and compact machine.

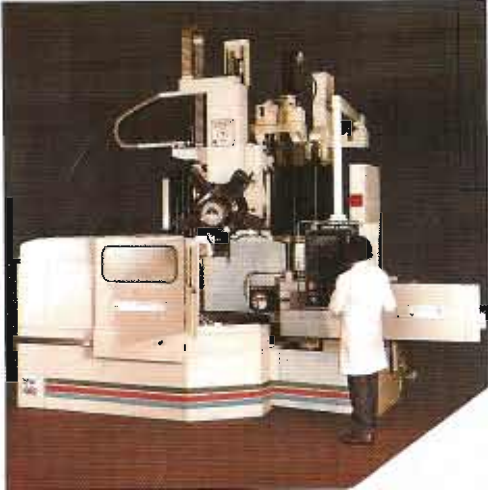
EXCELLENT STANDARD PACKAGES

SIMPLE 'SOLUTIONS' TO
COMPLEX TURNING PROBLEMS

WICKMAN Turning Centres are of heavy construction to give a high degree of stability. With a well proven record of accuracy and repeatability, these machines allow us to cater for a large range of applications, with a choice of 2, 4 and 5 axis models, in addition to spindle positioning at $2\frac{1}{2}^\circ$, or a full 'C' axis on the main spindle and full 'C' axis on the pick up spindle on 5 axis machines, giving a 7 axis facility. Main spindle power options from 11kW to 22/26kW are available. Other options include turrets with power tooling, programmable tailstocks, probing, DNC interfaces and robot loading.

WEBSTER & BENNETT DIVISION

Vertical Boring & Turning Machines



48 inch 'TXE' machine



1st operation on Weld Neck Flange – 48 inch 'TXE' machine

3 Ranges of Vertical Turning Lathes

The 'S' range – modular construction offering 1500-2000mm turning capacity, Ram slide or Turret. Options include live spindle rams, table positioning, automatic toolchanging, pallet loading, tilting and indexing table chucks. Fanuc OT-C or 15T. This is a high power production range of machines.

The 'T' range – the traditional one piece main frame machine. 36"-72" chucks, option of Turret or Ram slide. A variety of options including power chucking, manual chucking, tilting and indexing chucks. Side head. Fanuc 10, 11 and OT. New high speed models. Spindle positioning and live tooling options. This is the machine to simplify complex turning.

The 'DCS' range – double column, heavy duty machines 96"-144" turning capacity. A multitude of configurations – built to the users specific requirements.

REMANUFACTURING FACILITY to current specification. Existing users of Webster & Bennett Numerically Controlled machines produced during the last 25 years will be pleased to know that many of these features can be incorporated into their machines as part of the remanufacturing and retro-build programme.



Remanufactured 60 inch 'FRNC' machine to current TX level



Loading tooling into automatic toolchanger

Spares – Service – Service Contracts:
Telephone: 0203 465231
Telex: 311941 Fax: 0203 464136

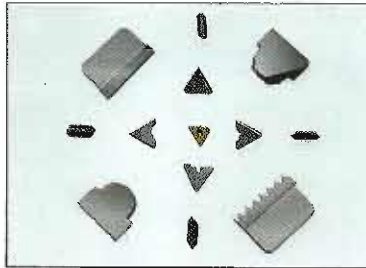


144 inch 'DCS' machine on test



WICKMAN MACHINE TOOL MANUFACTURING COMPANY LIMITED
BANNER LANE, COVENTRY CV4 9GE
Tel: 0203 465231 Telex: 311941 Fax: 0203 464136

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