

We need MANUFACTURING PARTNERS for the range of WEBSTER & BENNETT VERTICAL TURNING CENTRE DESIGNS produced 1996 - 2010

After the 1993 closure of Wickman Bennett I saved the W&B product line but never had enough funds to fulfil the potential of our capabilities and I needed third party working capital funding. Unfortunately both times we had very successful periods but the support came with unexpected problems. I am now 80 and my ambitions for the UK future are much reduced. We are now operating in a very small way supporting these machines and modernising the much older machines that still have potential for longer use.

We are not producing new machines from the designs that we conceived and developed with great customer acceptance and appreciation. We would like to change that!



The UK has substantially deindustrialised and our once world leading machine tool industry has reduced to almost zero. The future for building these machines lies elsewhere, I believe these machines are as good as any vertical turning centre designs ever built for both the user and the machine builder both during component production and during assembly. This 2007 photo is from the period when we enjoyed great success before the owners killed the company. A lot of high quality production in a small space!



UK governments have for three decades been unable to understand the importance of the machine tool industry – ‘the mother of all manufacturing’.

Harvard Business School knew it but even they have not got the message right through the US government.

Unless I win the lottery these machines are unlikely to be built in the UK. We can no longer build large teams of highly skilled machine tool fitters.

However VTT-WB Ltd has a small high quality team that can support sales, installations, commissioning and planned maintenance services if required.

Please read on – this may be a major opportunity for you and for us

“Machine Tools are the ‘mother’ or ‘master machines’, the machines that make all machines. Every manufactured product is made either by a machine tool or by a machine that was made by a machine tool. Thus, at the heart of the industrial health of any nation is its machine tool industry.”

Harvard Business
School Press 1989



Purchaser's choice *of course* but our preference would be to remain involved in the support of these machines, from manufacturing to installation and commissioning and ongoing service support. We can offer to do this in any of these countries – All Europe (*we speak good/reasonable French, German, Italian, Czech, Russian*), USA, Canada, South Africa, Nigeria

Price and conditions. We can contract on individual ranges or a complete package - for the right company I will be very easy to deal with. Iain Exeter

The machines covered by this offering – *(You can see more information, photos and films, in the website)*

1. **The Millennium range** – very high precision, heavy duty vertical turning and milling centres - models with capacities from 1500mm to 2500mm diameter to 3000mm height. One and two ram models. Superb performance turning, continuous rotary milling, drilling and grinding



2. **The Aeroturn range** – a medium duty range. Our first machines with linear guideways. Two sizes – 1200mm and 1800mm tables. One and two ram models. Live spindle + C axis options



3. **The Revelation range** – the most powerful W&B machines ever built. Models built from 1000mm to 2500mm. In addition we have designs for large single column machines and double column machines up to 6000mm capacity. These were for a Chinese company but the partnership broke up.

All machines have the option of master and slave pinion drive to table for extra high power turning and very precise C axis control for continuous rotary milling.

Other innovative options - Robot tool loading, Y axis milling attachments (pick up from tool magazine), eccentric turning ram, CNC controlled swivelling grinding ram, right angle milling heads with in cycle tool changing




4. **The Evolution range** – this range utilises the major castings from the wonderful W&B 48” and 72” vertical borers, castings age 50 years or more. Live spindle and C axis positioning added to the versatility. We also designed and built these medium duty machines with new bodies



EVOLUTION 48 IN THE WARWICK FACILITY



5. **The ManuPlus program** – this takes any size original W&B model – from 36EM to DC144”. We have developed a range of modernising specifications including full CNC conversion, conversion to linear guideways, complete new ram assemblies (with CNC swivelling options), removal of speed boxes and feed boxes *and oil everywhere!*

 VTT-WB LTD
<p>LOOK! These are examples of what we can do for your W&B machines to give them new life</p>

Webster & Bennett – the best known vertical boring machines in the world since 1887
VTT-WB – specialists with the history to service, upgrade and modernize these great machine
VTT-WB - updating with qualities that made Britain a world leading machine tool designer/builder
VTT-WB ManuPlus program giving 50+ year old W&B machines a new outstanding 2020's capability

This 1960's W&B 54Q transformed into a VTT-WB ManuPlus – give a new life to your W&B



Pendant control of power swivel to ram



Few machines enjoy the reputation of long life service. **10,000 Webster & Bennett vertical borers do!** - proven world wide since 1887.

Now many of the machines built since 1960 can be used as donor machines to produce the new **VTT-WB ManuPlus** with upgrades that provide 2020 digital operator controls – *total machine control from his pendant console.*

No donor machine? We can supply a complete package to your preferred specification



2010 - The first machine with table speed control during cutting. This user's 3rd machine



2016 – another with pendant controlled power swivel to the ram



2017 - Hybrid - Great operator manual and CNC capabilities



2020 – a 50 year old DC120 becomes a full CNC 3m machine

MORE EXTENSIVE INFORMATION + PHOTOS AND FILMS CAN BE SEEN IN THE POWERPOINT IN THE WEB SITE

If you are interested please email me iain@vtt-wb.com or phone +44 (0) 7808 789597