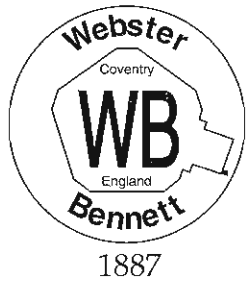


# WEBSTER & BENNETT 'T' SERIES FLEXIDRIVE MACHINES



- For
- VERTICAL TURNING
- Plus
- VERTICAL BORING
  - MILLING
  - PCD DRILLING
  - CONTOUR MILLING
  - GRINDING



This leaflet covers machines with chucks from 900mm-2000mm capacity.  
Other models available up to 3600mm chucks.

**WEBSTER & BENNETT MACHINES HAVE BEEN PRODUCED SINCE 1887.**  
They are now industry standard machines in some industries which did not even exist when we first produced machines - e.g. Aero Engine manufacture and repair, Wellhead equipment, Gas Turbines, Nuclear Power, Television, Military Tanks.

# We build with Quality

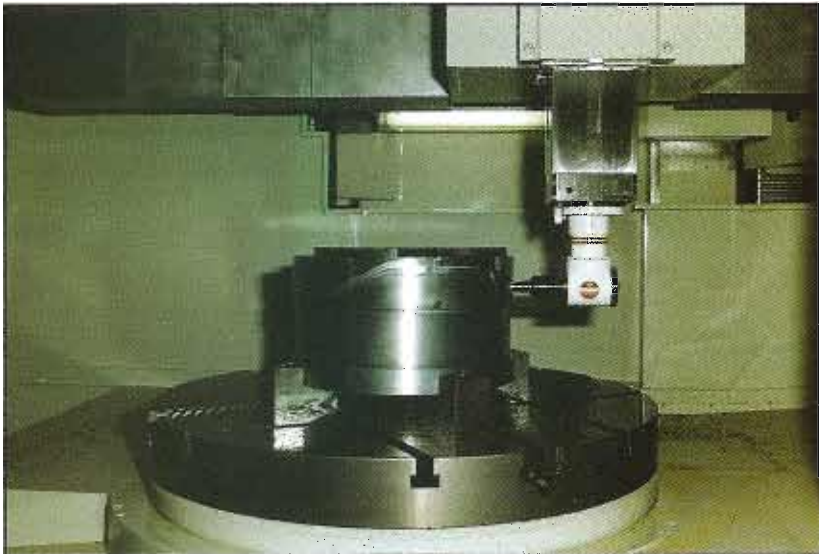


## NASA/DIN TURNING TEST

Manufacturing Quality Standards

- (i) Machine alignments  
to BS 4656 part 22, DIN 8609 and ISO 3655.
- (ii) Machine electrics  
to BS2771 part 1 and EN 20406 part 1.
- (iii) NASA/DIN Final Turning Test  
← (see photograph)

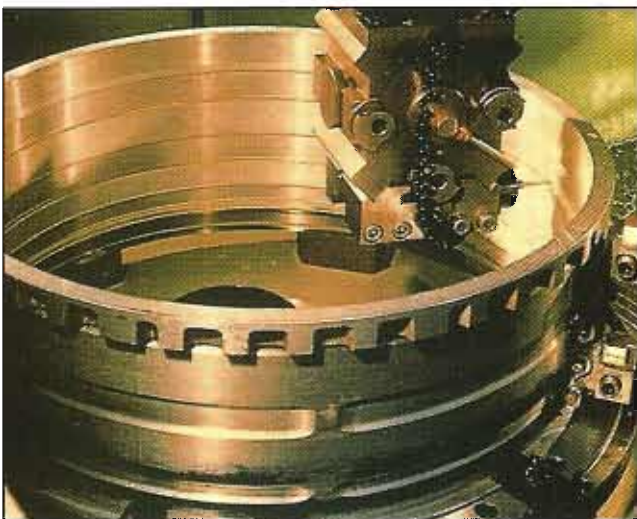
SO THAT YOU CAN PRODUCE QUALITY



Complex Cam & Profile Milling using 'C' axis option



Valve Body - Oil Industry



Aero Engine casing

## WEBSTER & BENNETT

TURNING QUALITY - RELIABLY

WEBSTER & BENNETT - QUALITY INVESTMENT

<b>WEBSTER &amp; BENNETT FLEXIDRIVE MODELS</b>	<b>900/1200</b>		<b>1200/1500</b>		<b>1800/2100</b>	
<b>MODEL T</b> Turret toolslide	5 station CNC controlled indexing turret		5 station CNC controlled indexing turret		5 station CNC controlled indexing turret	
<b>MODEL R</b> Ram toolslide	175mm/7" ram toolslide		203mm/8" ram toolslide		203mm/8" ram toolslide	
<b>MODEL R-ATC</b> Ram Toolslide Automatic Toolchanger	175mm/7" ram toolslide with 16 or 60 position ATC. (Other ATC options available)		203mm/8" ram toolslide with 16 or 60 position ATC. (Other ATC options available)		203mm/8" ram toolslide with 16 or 60 position ATC (Other ATC options available)	
<b>MODEL VTD-PCD</b> Ram with Live Spindle 20 Kw, Automatic Toolchanger PCD Drilling	175mm/7" ram toolslide with driven spindle 20Kw Controlled positioning of chuck for PCD drilling, 16 or 60 position ATC.		203mm/8" ram toolslide with driven spindle 20 Kw, Controlled positioning of chuck for PCD drilling, 16 or 60 position ATC.		203mm/8" ram toolslide with driven spindle 20 Kw, Controlled positioning of chuck for PCD drilling, 16 or 60 position ATC.	
<b>MODEL VTMC</b> Ram with Live Spindle 20 Kw Automatic Toolchanger 'C' axis for milling Pallet systems available	175mm/7" ram toolslide with driven spindle 20Kw 'C' axis control to chuck 360,000 positions, Accuracy 8 secs.of arc, Milling feeds via chuck rotation 0-11.1 rpm. 16 or 60 position ATC		203mm/8" ram toolslide with driven spindle 20 Kw, 'C' axis control to chuck, 360,000 positions, Accuracy 8 secs.of arc, Milling feeds via chuck rotation 0-11.1 rpm. 16 or 60 positions ATC.		203mm/8" ram toolslide with driven spindle 20 Kw, 'C' axis control to chuck, 360,000 positions, Accuracy 8 secs.of arc, Milling feeds via chuck rotation 0-11.1 rpm. 16 or 60 positions ATC.	
<b>CAPACITIES</b>	Metric	Imperial	Metric	Imperial	Metric	Imperial
Table diameter	900	36	1200	48	1800	72
Maximum table loads	3636 kg	8000 lbs	11,363 kg	25,000 lbs	13,636 kg	30,000 lbs
Swing diameter	1168	46	1500	60	2100	84
Maximum height under cross slide	953	37.1/2	1155	45.1/2	1155	45.1/2
Extended height under cross slide upto	1765	69.1/2	1765	69.1/2	1765	69.1/2
Minimum height under cross slide	419	16.1/2	546	21.1/2	546	21.1/2
Vertical travel of ram	1000	40	1219	48	1219	48
Vertical travel of turret slide	864	34	965	38	965	38
Table speeds       std : high :	1-400 rpm 2-700 rpm		1-382 rpm 2-550 rpm		1-275 rpm 2-350 rpm	
Main drive motor	35 Kw	50 HP	35 Kw <i>options available to 60Kw</i>	50 HP	35 Kw <i>options available to 60Kw</i>	50 HP
Infinitely variable feeds	0.1 - 5000 p/min	0.01 - 200 p/min	0.1 - 5000 p/min	0.01 - 200 p/min	0.1 - 5000 p/min	0.01 - 200 p/min
Rapid traverses	10,000 per min	400 per min	10,000 per min	400 per min	10,000 per min	400 per min
Machine weight (approx.)	11,985 kg	235 cwt	14,025 kg	275 cwt	15,045 kg	29,500 cwt

Capacities and weights are given for guidance only. We reserve the right to amend the specification.

# When You Buy WEBSTER & BENNETT You Buy SERVICE



55 TE & TXE Models  
sold since 1982

More than 10,000 machines have been sold during the past 100 years, including many multiple machine installations to World Class Manufacturing Companies. Is it any wonder that we take customer service so seriously ?

AND THE SERVICE LASTS BEYOND  
THE GUARANTEE PERIOD !



81 'S' Models  
sold since 1980

*BUY WEBSTER & BENNETT*

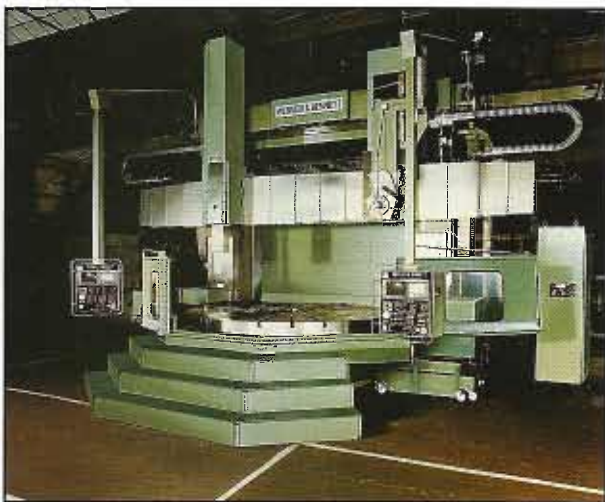
*BUY QUALITY & RELIABILITY*

*BUY LIFETIME SUPPORT*

*BUY WEBSTER & BENNETT*



2531 M, EM, V, EV & R  
Models sold since 1965



126 Double Column  
Models sold since 1962

We still provide parts and service for machines built more than 50 years ago.

Our stock of spare parts exceeds *One Million Pounds.*



**WEBSTER & BENNETT LIMITED**

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Aldermans Green Industrial Estate,  
Coventry CV2 2LE, England  
Phone : 01203 603360 Facsimile : 01203 602905

