

## VERTICAL TURRET MILLING MACHINE CHESTER 3VSW

### Features:

- Turret milling machine with three axis electric power feed
- R8 spindle with infinitely variable speed selection
- Swivelling milling head for compound-angle machining
- Full 360-degree ram rotation with forward and backward travel
- Manual and automatic quill downfeed with depth stop
- One-shot centralised lubrication system



| Model                        | 3VSW                 |
|------------------------------|----------------------|
| Working Surface              | 1270 x 254mm         |
| T-Slots (Qty/Width)          | 3/16mm               |
| T-Slot Pitch (Centres)       | 63mm                 |
| X-Axis Travel (Manual)       | 820mm                |
| X-Axis Travel (Automatic)    | 720mm                |
| Y-Axis Travel (Manual)       | 410mm                |
| Y-Axis Travel (Automatic)    | 390mm                |
| Z-Axis Travel (Manual)       | 400mm                |
| Z-Axis Travel (Automatic)    | 400mm                |
| Load Capacity                | 280kg                |
| <b>Spindle</b>               |                      |
| Spindle Taper                | R8                   |
| Speed Control                | 16-step              |
| Speed Range                  | 65-4500rpm           |
| Spindle Centre to Column     | 140-609mm            |
| Spindle Nose to Table        | 0-400mm              |
| Quill Travel                 | 127mm                |
| Drawbar                      | 7/16"                |
| Head Swivel Range            | 90° Left/Right       |
| <b>Feed Rates</b>            |                      |
| Number of Feeds              | Variable             |
| X-Axis (Longitudinal)        | Electric             |
| Y-Axis (Cross)               | Electric             |
| Z-Axis (Vertical)            | Electric             |
| Quill Feed                   | 0.04/0.08/0.15mm/rev |
| X-Axis Rapid Traverse        | Electric             |
| Y-Axis Rapid Traverse        | Electric             |
| Z-Axis Rapid Traverse        | Electric             |
| <b>Motor/Type</b>            |                      |
| Vertical Spindle Motor/Belt  | 2.24kW 3hp)          |
| Feed Motor X Axis/Electric   | 0.095kW (0.13hp)     |
| Feed Motor Y Axis/Electric   | 0.095kW (0.13hp)     |
| Feed Motor Z Axis/Electric   | 0.095kW (0.13hp)     |
| Coolant Motor                | 0.09kW (0.12hp)      |
| <b>Weight and Dimensions</b> |                      |
| Machine Dimensions           | 1660 x 2160 x 2300mm |
| Net Weight                   | 1270kg               |

### Standard Accessories:

- Variable Speed Spindle Head
- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Spindle Guard
- Drawbar and Drawbar Wrench
- Chip Tray/Collector with Heavy Duty Step on Tray
- One Shot Lubrication System
- Toolbox
- Operation Manual

### Optional Accessories:

- Table Guard
- Automatic Lubrication System
- Air Powered Drawbar
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Slotting Head
- Machine Vice
- Clamp Kit
- Drill Chuck
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set
- Combination Shell End Mill Arbors
- Long Milling Arbors
- End Mill Set
- Angle Plate
- Tilting Angle Table
- Right Angle Attachment

\* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.