



## CHESTER VERSA MILL 3000 SERVO - 2000 SERVO



### Features:

- Extra-long universal milling machine for very large workpieces
- 360-degree swivel head reaches almost any cutting angle
- Servo-driven feeds on all three axes with stepless control
- Linear guideways throughout for smooth, low-friction motion
- Ball screw transmission on X, Y and Z for repeatable positioning
- Nitrogen-balanced vertical assembly for steady Z-axis movement
- ISO50 spindle accepts a wide range of milling tooling

| Model                                      | Versa Mill 3000 Servo         | Versa Mill 2500 Servo         | Versa Mill 2000 Servo         |
|--------------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Working Surface                            | 3000 x 1000mm                 | 2500 x 1000mm                 | 2000 x 1000mm                 |
| T-Slots (Qty/Width)                        | 22 x 7 x 140mm                | 22 x 7 x 140mm                | 22 x 7 x 140mm                |
| T-Slot Pitch (Centres)                     | N/A                           | N/A                           | N/A                           |
| X-Axis Travel (Manual)                     | 3100mm                        | 2600mm                        | 2100mm                        |
| X-Axis Travel (Automatic)                  | 3100mm                        | 2600mm                        | 2100mm                        |
| Y-Axis Travel (Manual)                     | 1000mm                        | 1000mm                        | 1000mm                        |
| Y-Axis Travel (Automatic)                  | 1000mm                        | 1000mm                        | 1000mm                        |
| Z-Axis Travel (Manual)                     | 1400mm                        | 1400mm                        | 1400mm                        |
| Z-Axis Travel (Automatic)                  | 1400mm                        | 1400mm                        | 1400mm                        |
| Load Capacity                              | 6000kg                        | 5000kg                        | 4000kg                        |
| Table Swivel Range                         | N/A                           | N/A                           | N/A                           |
| <b>Spindle</b>                             |                               |                               |                               |
| Spindle Taper                              | 7:24, ISO50                   | 7:24, ISO50                   | 7:24, ISO50                   |
| Speed Control                              | Variable                      | Variable                      | Variable                      |
| Speed Range                                | 2000rpm                       | 2000rpm                       | 2000rpm                       |
| Spindle Centre to Column                   | N/A                           | N/A                           | N/A                           |
| Spindle Nose to Table                      | 100-1500mm                    | 100-1500mm                    | 100-1500mm                    |
| Drawbar                                    | Possess                       | Possess                       | Possess                       |
| Head Swivel Range                          | 360°                          | 360°                          | 360°                          |
| <b>Feed Rates</b>                          |                               |                               |                               |
| Number of Feeds                            | Variable                      | Variable                      | Variable                      |
| X-Axis (Longitudinal)                      | 1-8000mm/min                  | 1-8000mm/min                  | 1-8000mm/min                  |
| Y-Axis (Cross)                             | 1-8000mm/min                  | 1-8000mm/min                  | 1-8000mm/min                  |
| Z-Axis (Vertical)                          | 1-8000mm/min                  | 1-8000mm/min                  | 1-8000mm/min                  |
| X-Axis Rapid Traverse                      | 12000mm/min                   | 12000mm/min                   | 12000mm/min                   |
| Y-Axis Rapid Traverse                      | 12000mm/min                   | 12000mm/min                   | 12000mm/min                   |
| Z-Axis Rapid Traverse                      | 12000mm/min                   | 12000mm/min                   | 12000mm/min                   |
| <b>Motor/Type</b>                          |                               |                               |                               |
| Vertical Spindle Motor                     | N/A                           | N/A                           | N/A                           |
| Horizontal Spindle Motor/Out-of-sync Servo | 22kW (29.48hp)/26kW (34.84hp) | 22kW (29.48hp)/26kW (34.84hp) | 22kW (29.48hp)/26kW (34.84hp) |
| X, Y, Z Axis Feed Motor/Servo              | 5.6kW (7.50hp)                | 5.6kW (7.50hp)                | 5.6kW (7.50hp)                |
| Coolant Motor                              | 0.45kW (0.60hp)               | 0.45kW (0.60hp)               | 0.45kW (0.60hp)               |
| <b>Weight and Dimensions</b>               |                               |                               |                               |
| Machine Dimensions                         | 6500 x 2500 x 2500mm          | 5200 x 2500 x 2500mm          | 4200 x 2500 x 2500mm          |
| Net Weight                                 | 18000kg                       | 15000kg                       | 12000kg                       |

### Standard Accessories:

- 3 Axis Digital Readout
- 3 Axis Power Feed
- LED Work Lamp
- Coolant System
- Table Guard
- Drawbar and Drawbar Wrench
- Chip Tray/Collector
- Manual Lubrication System
- Toolbox
- Operation Manual

### Optional Accessories:

- Automatic Lubrication System
- Semi Universal Dividing Head
- Fully Universal Dividing Head
- Rotary Table
- Machine Vice
- Clamp Kit
- Drill Chuck
- ER Milling Collet Chuck Set
- Boring Head
- Reducing Sleeve Set
- Combination Shell End Mill Arbors
- End Mill Set
- Angle Plate

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