



## CNC Single Column VTL High Speed



ISO9001

**Note :**  
Due to keeping innovation,  
the specification and  
Machine pictures or color  
are subject to alteration  
without notice!

| Main Specifications             | unit    | Model                          |          |          |
|---------------------------------|---------|--------------------------------|----------|----------|
|                                 |         | VNL803H                        | VNL1254H | VNL1605H |
| Max. turning diameter           | mm      | Φ800                           | Φ1250    | Φ1600    |
| Max. swing diameter             | mm      | Φ1000                          | Φ1500    | Φ1800    |
| Diameter of worktable           | mm      | Φ500                           | Φ1000    | Φ1250    |
| Max. height of workpiece        | mm      | 800                            | 1000     | 1600     |
| Max. weight of workpiece        | kg      | 2000                           | 5000     | 8000     |
| Speed range                     | rpm     | 10~1250                        | 4~500    | 3.15~400 |
| Speed steps                     |         | ZF speed reducer, continuously |          |          |
| Main motor power                | kw      | 18.5/22                        | 30(AC)   | 40(AC)   |
| Travel (X-axis)                 | mm      | -40~460                        | 870      | 1000     |
| Travel (Z-axis)                 | mm      | 840                            | 650      | 800      |
| Turret type                     | station | 12                             | 4        | 4        |
| Section size of tool shank      | mm      | 32x32                          | 32x32    | 32x32    |
| Positioning accuracy (X-axis)   | mm      | 0.035                          | 0.03     | 0.03     |
| Positioning accuracy (Z-axis)   | mm      | 0.04                           | 0.03     | 0.03     |
| Repeatability (X-axis)          | mm      | 0.0075                         | 0.015    | 0.015    |
| Repeatability (Z-axis)          | mm      | 0.015                          | 0.015    | 0.015    |
| Closed guard with chip conveyor |         | Complete                       | Semi     | Semi     |
| Machine weight                  | kg      | 15000                          | 17000    | 27000    |