

## Specification

|                                                  |                          |
|--------------------------------------------------|--------------------------|
| Boring diameters with standard spindles          | 31 - 320mm               |
| Maximum boring depth                             | 800mm                    |
| Maximum vertical head travel                     | 1230mm                   |
| Distance table to head                           | 600 - 2000mm             |
| Maximum distance spindle centre to column guides | 410mm                    |
| Useful dimensions of table                       | 1800 x 600mm             |
| Table traverse                                   | 1780mm                   |
| Table cross traverse                             | 130mm                    |
| Surface milling width                            | 420mm                    |
| * Spindle speeds                                 | 0 - 500rpm               |
| Automatic head feeds                             | 0,06 - 0,09 - 0,18mm/min |
| Automatic table feeds n.2                        | 2,2 / 1.5HP              |
| Main spindle rotation motor                      | 2,2 / 1,5HP              |
| Head fast feed motor                             | 0,75 HP                  |
| Table fast automatic feed motor                  | 0,3 / 0,17 HP            |
| Tool grinding motor                              | 0,5 HP                   |
| Dimensions: length x width x height              | 3200 x 1550 x 2700mm     |
| Workspace required                               | 4980 x 1680 x 3000mm     |
| Approx net weight                                | 3200kg                   |
| * on request: 0 ÷ 500rpm                         |                          |

## Machine Features

Electric installation 24 V  
Automatic tool positioning at end of boring  
1 pair of high setting-up supports  
1 pair of low setting-up supports  
4 Locking clamps with bolts  
Spindle and tool-plate for surface-milling with cutting tools  
Boring infeed control system with dial gauge  
Centering device with dial gauge  
Service spanners  
Operating manual

## Robbi Orion S Cylinder Boring & Surface Milling Machine