

**4 AXES CNC TABLE TYPE  
HORIZONTAL BORER**

**Make :** *TOS*  
**Type :** *WHN 110 CNC*  
**Year :** *1999*  
**CNC unit :** *HEIDENHAIN TNC 430*



**Specifications :**

|                            |                                |                          |
|----------------------------|--------------------------------|--------------------------|
| <i>Travel :</i>            | <i>X longitudinal (table)</i>  | <i>2 000 mm</i>          |
|                            | <i>Y vertical (saddle)</i>     | <i>1 600 mm</i>          |
|                            | <i>Z transversal (ram)</i>     | <i>1 250 mm</i>          |
|                            | <i>W transversal (spindle)</i> | <i>500 mm</i>            |
| <i>Spindle diameter</i>    |                                | <i>110 mm</i>            |
| <i>Spindle speeds max.</i> |                                | <i>2 500 RPM</i>         |
| <i>Spindle power</i>       |                                | <i>37 kW</i>             |
| <i>Feeds Range</i>         |                                | <i>5 m/min</i>           |
| <i>Rapids</i>              |                                | <i>10 m/min</i>          |
| <i>Spindle taper</i>       |                                | <i>ISO 50</i>            |
| <i>Table dimensions</i>    |                                | <i>1 600 x 1 400 mm</i>  |
| <i>B Axis</i>              |                                | <i>360 000 positions</i> |

**Equipped with :**

*Universal milling head*  
*Twin swarf conveyors*

*These specifications are given in good faith and are correct to the best of our knowledge. Details are not binding.*