

**BORING MACHINES**  
**TOS WHN 13.D**



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**X AXIS TRAVEL: 3500 mm**  
**Y AXIS TRAVEL: 2000 mm**  
**W AXIS TRAVEL: 1250 mm**  
**Z AXIS TRAVEL ( SPINDLE ): 800 mm**  
**TABLE DIMENSIONS: 1800 x 1800 mm**  
**SPINDLE BORE DIAMETER: 130 mm**  
**SPINDLE NOSE TAPER: ISO 50**  
**CNC: for retrofit**  
**ACCESSORIES: 1 milling head**  
**YEAR OF MANUFACTURE: 1983**

**THE DATA ARE NOT TO UNDERSTAND ENGAGED**