

## TRAUB TNL 12K

**Kind : Swiss-type cnc lathe**  
**Manufacturer : TRAUB**  
**Model : TNL 12K**  
**Year : 2003**  
**Serial : 442**  
**Stock : 9294**



### TECHNICAL DETAILS

|                                 |                |
|---------------------------------|----------------|
| - Number of axes                | : 7            |
| - Number of spindles            | : 2            |
| - Number of turrets             | : 1            |
| <b>MAIN SPINDLE</b>             |                |
| - Max. bar diameter             | : 12,7 [mm]    |
| - Max. machining length         | : 130 [mm]     |
| - Spindle speeds                | : 12.000 [rpm] |
| - Spindle power                 | : 2,5 [kW]     |
| - C axis indexing precision     | : 0,001 [°]    |
| <b>COUNTER-SPINDLE</b>          |                |
| - Max. bar diameter             | : 12,7 [mm]    |
| - Spindle speeds                | : 12.000 [rpm] |
| - Spindle power                 | : 2,5 [kW]     |
| <b>LOWER TURRET</b>             |                |
| - Number of positions           | : 6            |
| - Number of motorized positions | : 6            |
| - X/Z stroke                    | : 35/50 [mm]   |
| - Live tools speed              | : 8.000 [rpm]  |
| <b>END ATTACHMENT</b>           |                |
| - Number of positions           | : 4            |
| <b>SECONDARY OPERATION</b>      |                |
| - Number of positions           | : 4            |
| <b>POWER SUPPLY</b>             |                |
| - Supply voltage                | : 400 [V]      |
| - Total installed power         | : 18 [kW]      |

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**EQUIPMENT**

|  |                      |
|--|----------------------|
| - CNC                                      | : Traub TX8i         |
| - Interface                                | : RJ45 / PCMCIA      |
| - Spindle brake                            | : on main spindle    |
| - Parts catcher                            |                      |
| - Coolant tank                             | : 200 [l]            |
| - Chips conveyor                           | : KNOLL              |
| - Bar loader                               | : FMB Minimag 3200 C |
| - Number of turning tool holders           | : 2                  |
| - Number of fixed tool holders             | : 14                 |
| - Collets collection for chuck             | : F20                |
| - Collets collection for chuck             | : F16                |
| - Sockets                                  | : 4                  |
| - Set of shells and collets for bar feeder |                      |
| - Tool presetter                           |                      |