

## SMP NUMAFUT CA3+

**Kind : Cnc sharpening machine**  
**Manufacturer : SMP NUMAFUT**  
**Model : CA3+**  
**Year : 2004**  
**Serial : 209**  
**Stock : 10314**



revised by SMP end of 2016

### TECHNICAL DETAILS

|                                        |                  |
|----------------------------------------|------------------|
| - Axes                                 | : 5              |
| - Max. tool diameter                   | : 150 [mm]       |
| - Max. tool lenght with manual loading | : 300 [mm]       |
| - Max. tool lenght with auto loading   | : 140 [mm]       |
| - Max. tool weight                     | : 25 [kg]        |
| WORKHEAD (A-AXIS)                      |                  |
| - Attachment                           | : ISO 50         |
| - Strokes X/Z                          | : 360 / 300 [mm] |
| - Stroke                               | : 360 [°]        |
| - Max. speed                           | : 800 [r/min]    |
| WHEELHEAD (B-AXIS)                     |                  |
| - Attachment                           | : HSK-E40        |
| - Stroke Y                             | : 200 [mm]       |
| - Stroke                               | : -30 / +180 [°] |
| - Max. wheel diameter                  | : 125 [mm]       |
| - Max. speed                           | : 20.000 [r/min] |
| - Power                                | : 7 [kW]         |
| WHEEL MAGAZINE                         |                  |

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- Number of positions : 4  
TOOL MAGAZINE  
- Type : using the linear axes, with Schunk collet  
- Tool lenght : 40 – 140 [mm]  
- Tools Ø4-6 per pallet : 200  
- Tools Ø6-10 per pallet : 96  
- Tools Ø6-16 per pallet : 54

#### ELECTRICS

- Main voltage : 400 [V]  
- Total power : 19 [kW]

#### DIMENSIONS

- Floor space : 2.200 x 3.350 [mm]  
- Heigth : 2.600 [mm]  
- Weigth : 2.500 [kg]

#### EQUIPMENT

- CNC : NUM AXIUM Power P2  
- Software : Easygrind 6.08  
- Linear scales upon X/Y/Z : HEIDENHAIN  
- Spindle cooling unit  
- Coolant tank with pump : 10 [bars]  
\* with retractable nozzle  
- Mist suction unit : ELBARON RON/A 100 DV  
- Airblow upon tool  
- Fire estinguisher (to be checked buy the  
buyer through a specialist)  
- Number of wheel supports : 12  
- Number of pallets : 4  
- 1 collet chuck ISO50 with auto clamping  
- 1 collet chuck ISO50 with manual clamping, : 32 [mm]  
capacity Ø  
- 1 collet chuck ISO50 with manual clamping, : 20 [mm]  
capacity Ø  
- 1 MASTER calibration device for self-  
calibration of axes and probe