

**SAM 020475****FEHLMANN Type PICOMAX 80**

|                       |                         |
|-----------------------|-------------------------|
| <b>Group</b>          | 4-axis machining center |
| <b>Manufacturer</b>   | FEHLMANN                |
| <b>Type</b>           | PICOMAX 80              |
| <b>Controller CNC</b> | HEIDENHAIN              |
| <b>Year</b>           | 2003                    |



|                              |                 |
|------------------------------|-----------------|
| Number of axis total         | 4               |
| Table length                 | 1230 mm         |
| Table width                  | 410 mm          |
| Number of T-channels         | 7               |
| Distance of the T-slots      | 50 mm           |
| T-channel width              | 12H8 mm         |
| Table load max.              | 250 kg          |
| Longitudinal travel (X-axis) | 700 mm          |
| Transversal travel (y-axis)  | 315 mm          |
| Vertical travel (z axis)     | 495 mm          |
| Verticla travel (V-axis)     | 180 mm          |
| Depth of throat              | 370 mm          |
| spindle to table             | 620 mm          |
| Spindle speeds:              |                 |
| stepless                     |                 |
| from                         | 50 t/min        |
| up to                        | 9200 t/min      |
| Feed range                   | 1 - 9000 mm/min |
| Rapid traverse: long.        | 9 m/min         |
| Rapid traverse: transversal  | 9 m/min         |
| Rapid traverse: vertical     | 4 m/min         |
| Voltage 50 Hz 3x             | 380 Volt        |
| Total power required         | 16 kW           |
| Machine's weight about       | 3200 kg         |
| Overall dimensions machine:  |                 |
| Length                       | 2500 mm         |
| Width                        | 2500 mm         |
| Height                       | 2450 mm         |

**Various accessories:**

Coolant system

Dividing attachment 4th axis

Lamp

FEHLMANN AT 100 CNC

