



Inventory number: 19656

CNC milling machine

FEHLMANN PICOMAX 80 CNC 2/3

HEIDENHAIN TNC 407/415



Technical data

| | |
|-------------------------------------|--------------------------|
| Number of axis total | 5 |
| Spindle nose: | SF 32 |
| Drill capacity in steel | 30 mm |
| Threat cutting in steel M | 24 |
| Milling capacity | 100 cm ³ /min |
| Spindle speeds: | |
| from | 50 rpm |
| up to | 9200 rpm |
| Table length | 1230 mm |
| Table width | 410 mm |
| Number of T-channels | 7 |
| T-channel width | 12H8 mm |
| Distance of the T-slots | 50 mm |
| Table load max. | 250 kg |
| Height of table above floor | 1010 mm |
| Min. distance from table to spindle | 0 mm |
| Max. distance from table to spindle | 620 mm |
| Depth of throat | 370 mm |
| Travels: | |
| X axis | 700 mm |
| Y axis | 315 mm |
| Spindle stroke (controlled) | 170 mm |
| Z axis (Spindle stroke manual) | 180 mm |
| W-axis (machine head travel) | 495 mm |
| Feeds: | |
| X axis | 1 - 9000 mm/min |

| | |
|--|-----------------|
| Y axis | 1 - 9000 mm/min |
| Z axis | 1 - 4000 mm/min |
| W axis | 1 - 4500 mm/min |
| Rapid traverse X | 9 m/min |
| Rapid traverse Y | 9 m/min |
| Rapid traverse Z | 4 m/min |
| Voltage 50 Hz 3x | 380 Volt |
| Power | 16 kW |
| Machine's weight about | 3200 kg |
| Overall dimensions machine: | |
| Length | 2500 mm |
| Width | 2500 mm |
| Height | 2450 mm |
| Various accessories: | |
| Dividing attachment 4th axis with teilstock | |
| 3-jaw chuck diameter | 160 mm |
| Collet device | |
| Set of toolholders | |
| Handwheel electroinic | |























