



Inventory number: 22120

5-axis machining center
HERMLE C 42 U
HEIDENHAIN TNC 530
2011



Technical data

| | |
|-------------------------------------|------------|
| Operating time | 43135 Hour |
| Spindle run time | 7500 Hour |
| Number of axis total | 5 |
| Circular table diameter | 440 mm |
| Number of T-channels | 5 |
| T-channel width | 14H7 mm |
| Table load max. | 450 kg |
| Maximum swing circle of up to | 990 mm |
| Longitudinal travel (X-axis) | 800 mm |
| Transversal travel (y-axis) | 800 mm |
| Vertical travel (z axis) | 550 mm |
| Swivel angle (a-axis) | +/-130 ° |
| Table speed | 30 rpm |
| Tool magazine number of tool places | 42 +160 |
| Spindle nose: HSK-A | 63 |
| Spindle speeds: | |
| stepless | |
| from | 0 rpm |
| up to | 18000 rpm |
| Rapid traverse: long. | 45 m/min |
| Rapid traverse: transversal | 45 m/min |
| Rapid traverse: vertical | 40 m/min |
| Air connect | 6 bar |

| | | |
|-----------------------------------|----------|----------|
| Voltage | 50 Hz 3x | 400 Volt |
| Spindle power | | 42 kW |
| Torque max. | | 148 Nm |
| Total power required | | 37 kVA |
| Machine's weight about | | 13500 kg |
| Overall dimensions machine: | | |
| Length | | 5000 mm |
| Width | | 2450 mm |
| Height | | 3200 mm |
| Various accessories: | | |
| Addet tool-holder magazine | | |
| Number of tool places | | 160 |
| Coolant through spindle (cts) | | 80 bar |
| Air blast through milling spindle | | |
| Paper filtration system | | |
| Feeler Renishaw | | |
| Tool break control | | BLUM |
| Chip conveyor | | |
| NC Rotary and swiveling table | | |
| Oil mist extractor | | |
| Rotating viewing window | | |
| Interface serial port RS 232 | | |
| Interface Ethernet | | |
| Interface USB | | |
| Switch cabinet Air conditioner | | |
| Notes: | | |
| Spindle changed | | 2016 |























