

**SAM 023301****HERMLE Type C 42 U**

|                       |                         |
|-----------------------|-------------------------|
| <b>Group</b>          | 5-axis machining center |
| <b>Manufacturer</b>   | HERMLE                  |
| <b>Type</b>           | C 42 U                  |
| <b>Controller CNC</b> | HEIDENHAIN TNC 530      |
| <b>Year</b>           | 2014                    |



|                              |           |
|------------------------------|-----------|
| Number of axis total         | 5         |
| Table length                 | 400 mm    |
| Table width                  | 400 mm    |
| Number of T-channels         | 5         |
| T-channel width              | 14H7 mm   |
| Table load max.              | 450 kg    |
| 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 t/min  |
| Tool changer:                | 42        |

**Addet tool-holder magazine**

|                             |             |
|-----------------------------|-------------|
| <b>Number of tools</b>      | 160         |
| Spindle nose: HSK-A         | 63          |
| Spindle speeds:             |             |
| from                        | 0 t/min     |
| up to                       | 18000 t/min |
| 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 |        |
| Rotating viewing window           |        |
| Interface serial port RS 232      |        |

[www.mullermachines.ch](http://www.mullermachines.ch)

Interface Ethernet  
Interface USB  
Switch cabinet Air conditioner





