

**SAM 023030****HERMLE Type C 600 V**

|                       |                                                                         |
|-----------------------|-------------------------------------------------------------------------|
| <b>Group</b>          | 3-axis machining center                                                 |
| <b>Manufacturer</b>   | HERMLE                                                                  |
| <b>Type</b>           | C 600 V                                                                 |
| <b>Controller CNC</b> | HEIDENHAIN TNC 430                                                      |
| <b>Youtube video</b>  | <a href="https://youtu.be/tlY4PxYaLCw">https://youtu.be/tlY4PxYaLCw</a> |



|                              |                 |
|------------------------------|-----------------|
| Number of axis total         | 3               |
| Table length                 | 800 mm          |
| Table width                  | 465 mm          |
| Longitudinal travel (X-axis) | 600 mm          |
| Transversal travel (y-axis)  | 450 mm          |
| Vertical travel (z axis)     | 450 mm          |
| Table load max.              | 200 kg          |
| C axis                       |                 |
| Tool changer:                |                 |
| Number of tools              | 30              |
| Spindle nose: HSK-A          | 63              |
| Spindle speeds:              |                 |
| stepless                     |                 |
| from                         | 20 t/min        |
| up to                        | 16000 t/min     |
| Feed range                   | 1 -30000 mm/min |
| Rapid traverse:              | 35 m/min        |
| Max. Feed force              | 6000 N          |
| Measurement system:          |                 |
| Resolution                   | µm              |
| Input resolution             | µm              |
| Display step                 | µm              |
| Voltage 50 Hz 3x             | 400 Volt        |
| Spindle power                | 15 / 10 kW      |
| Total power required         | 35 kVA          |
| Noise level                  | 78 dB (A)       |
| Machine's weight about       | 6800 kg         |
| Overall dimensions machine:  |                 |
| Length                       | 2500 mm         |
| Width                        | 2020 mm         |
| Height                       | 2750 mm         |

**Various accessories:**

|                                |        |
|--------------------------------|--------|
| Coolant through spindle (cts)  | 40 bar |
| Chip conveyor                  |        |
| Lamp                           |        |
| Oil mist extractor             |        |
| Interface serial port RS 232   |        |
| Switch cabinet Air conditioner |        |





