

**SAM 023049****KERN Type HSPC**

|                       |                         |
|-----------------------|-------------------------|
| <b>Group</b>          | 5-axis machining center |
| <b>Manufacturer</b>   | KERN                    |
| <b>Type</b>           | HSPC                    |
| <b>Controller CNC</b> | HEIDENHAIN TNC 426 M    |



|                                     |                 |
|-------------------------------------|-----------------|
| Number of axis total                | 5               |
| Longitudinal travel (X-axis)        | 250 mm          |
| Transversal travel (y-axis)         | 220 mm          |
| Vertical travel (z axis)            | 250 mm          |
| Swivel angle (a-axis)               | -100 / +100 °   |
| Tool magazine number of tool places | 32              |
| Tool diameter max.                  | 50 mm           |
| Tool lenght                         | 75 mm           |
| Time of tool changing               | 3 s             |
| Average chip-to-chip time           | 7 s             |
| Spindle nose: HSK-A                 | 25              |
| Spindle speeds:                     |                 |
| stepless                            |                 |
| from                                | 300 t/min       |
| up to                               | 20000 t/min     |
| Feed range                          | 0 - 6000 mm/min |
| Rapid traverse:                     | 6 m/min         |
| Air connect                         | 6 bar           |
| Voltage 50 Hz 3x                    | 400 Volt        |
| Total power required                | 8 kW            |
| Machine's weight about              | 2800 kg         |
| Overall dimensions machine:         |                 |
| Length                              | 1957 mm         |
| Width                               | 1500 mm         |
| Height                              | 2100 mm         |
| Dimensions electric cabinet:        |                 |
| Length                              | 1000 mm         |
| Width                               | 600 mm          |
| Height                              | 2100 mm         |

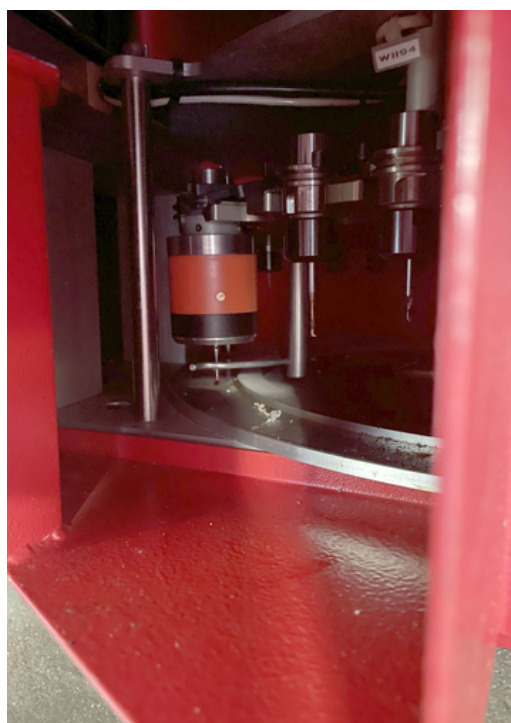
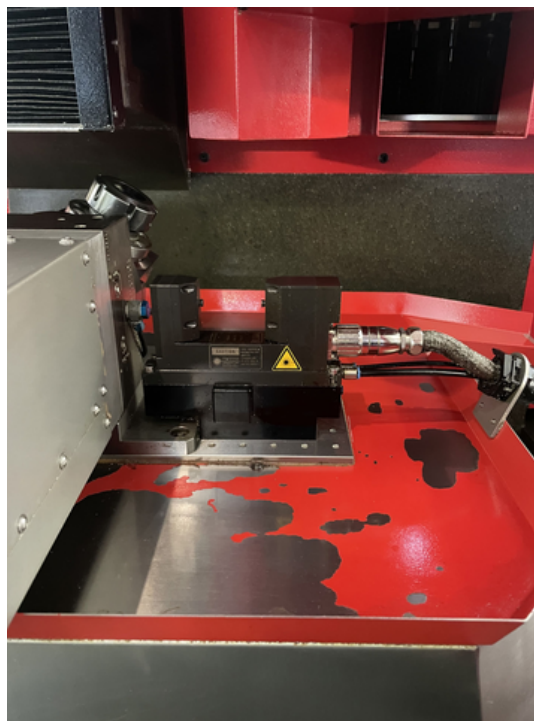
**Various accessories:**

|                                      |      |
|--------------------------------------|------|
| Set of toolholders                   |      |
| Coolant system                       | 42 l |
| Touch Probe                          |      |
| Laser tool setting system            |      |
| Dividing attachment 4th and 5th axis |      |
| Handwheel electroinic                |      |
| Lamp                                 |      |
| Oil mist extractor                   |      |
| Interface serial port RS 232         |      |











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Technical data and photographs without warranty.

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