

**SAM 019043****STARRAG Type ZS 500-130**

|                       |                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------|
| <b>Group</b>          | 5-axis machining center                                                                               |
| <b>Manufacturer</b>   | STARRAG                                                                                               |
| <b>Type</b>           | ZS 500-130                                                                                            |
| <b>Controller CNC</b> | SIEMENS SINUMERIK 840 D                                                                               |
| <b>Youtube video</b>  | <a href="https://www.youtube.com/watch?v=Pu6O123tL9w">https://www.youtube.com/watch?v=Pu6O123tL9w</a> |



|                                     |                  |
|-------------------------------------|------------------|
| Number of axis simultaneous         | 5                |
| Number of spindles                  | 1                |
| Table load max.                     | 800 kg           |
| Longitudinal travel (X-axis)        | 800 mm           |
| Transversal travel (y-axis)         | 750 mm           |
| Vertical travel (z axis)            | 620 mm           |
| Dimension of the workpiece:         |                  |
| Height                              | 550 mm           |
| Diameter                            | 500 mm           |
| Table divisions (B)                 | 0,001° °         |
| A axis                              | 145° (+35/-110°) |
| Table speed                         | 30 t/min         |
| Pallets:                            | System Staflex   |
| numbers                             | 4                |
| Length                              | 500 mm           |
| Width                               | 500 mm           |
| Transport weight                    | 200 kg           |
| Tool changer:                       |                  |
| Number of tools                     | 60               |
| Tool diameter max.                  | 120 mm           |
| Diameter with free adjacent pockets | 200 mm           |
| Tool lenght                         | 400 mm           |
| Max. tool-weight                    | 15 kg            |
| Spindle nose:                       | HSK-A 100        |
| Spindle speeds:                     | STEP TEC         |
| stepless                            |                  |
| up to                               | 12000 t/min      |
| Torque max.                         | 250 Nm           |
| Rapid traverse:                     | 40 m/min         |
| Air connect                         | 5 bar            |
| Voltage 50 Hz 3x                    | 400 Volt         |
| Spindle motor                       | 40 kW            |
| Total power required                | 120 kW           |
| Machine's weight about              | 22000 kg         |
| Overall dimensions machine:         |                  |
| Length                              | 8000 mm          |
| Width                               | 5000 mm          |
| Height                              | 4000 mm          |

**Various accessories:**

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

Set of toolholders  
Tool break control  
Pallets changing device:  
Rotating viewing window















