

**SAM 022719****STAR Type SA-12**

|                       |                     |
|-----------------------|---------------------|
| <b>Group</b>          | CNC automatic lathe |
| <b>Manufacturer</b>   | STAR                |
| <b>Type</b>           | SA-12               |
| <b>Controller CNC</b> | FANUC Series 18i-T  |
| <b>Youtube video</b>  |                     |



|                                      |              |
|--------------------------------------|--------------|
| Number of axis total                 | 4            |
| Number of axis simultaneous          |              |
| Number of spindles                   | 2            |
| Max. turning diameter                | 16 mm        |
| Max. drilling diameter               | 7 mm         |
| Max. threading diameter              | 6 M          |
| Spindle speeds:                      |              |
| stepless                             |              |
| from                                 | 500 t/min    |
| up to                                | 12000 t/min  |
| Spindle power                        | 2.2 kW       |
| C axis (spindle,resolution)          | 15 °         |
| Back spindle:                        |              |
| speeds:                              |              |
| from                                 | 500 t/min    |
| up to                                | 8000 t/min   |
| Max. tapping length                  | 85 mm        |
| Thread drill diameter                | 3 M          |
| Back machining workpiece length max. | 85 mm        |
| Tool-holder:                         |              |
| Turning tools                        | 6 pce        |
| Drilling tools                       | 2 pce        |
| Spindle speeds (turning tools)       | 4000 t/min   |
| Counter-operation:                   |              |
| number of tools                      | 4            |
| Rapid traverse:                      | 18 m/min     |
| Cutting speed                        | 10000 mm/min |
| Voltage 50 Hz 3x                     | 400 Volt     |
| Spindle motor                        | 2.2 / 3.7 kW |
| Power of back spindle                | 0.5 kW       |
| Air connect                          | 5 bar        |
| Total power required                 | 6 kVA        |
| Machine's weight about               | 1700 kg      |
| Overall dimensions machine:          |              |
| Length                               | 2090 mm      |
| Width                                | 770 mm       |
| Height                               | 1660 mm      |

**Various accessories:**

Workpiece conveyor

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

Lamp  
Coolant system  
Interface serial port RS 232

80 l





