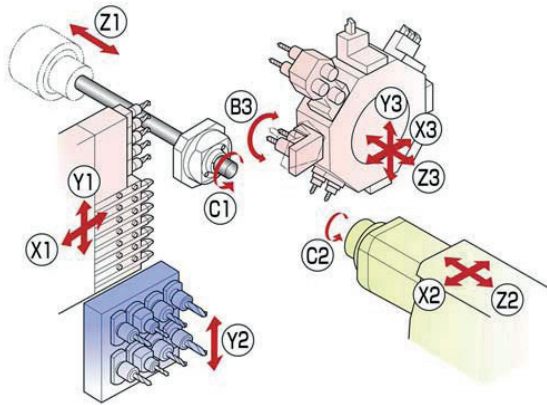


## Advantages & Features

The new SV-20R automatic CNC sliding headstock lathe updates the proven SV series. The machine combines the machining possibilities of sliding and fixed headstock lathes in a unique way and continues the impressive success of the SV-20 series. Every second turret station has been equipped with a flexible B axis and the backworking offers versatile, time-overlapped possibilities with 8 tool stations.

# SV 20R



## Technical details

- CNC control system Fanuc 31i-B5
  - Capacity coolant tank 220 liter
  - Dimensions (WxDxH) in mm 2730 x 1350 x 1865
  - Weight 4150kg
  - Power consumption 6.3kVA
  - Rapid feed rate 30m/min
- (X1, X2, X3, Y1, Z1, Z2, Z3)

### FRONT SIDE

|   |                       |
|---|-----------------------|
| Number of axis                                | 12                    |
| Main spindle (Headstock stroke)               | C1 / Z1 axis          |
| Tool post                                     | X1 / Y1 axis          |
| Rotating sledges                              | X3 / Y3 / Z3 / B3     |
| max. Machining diameter                       | 20mm /<br>23mm option |
| Headstock stroke<br>(sliding/fixed headstock) | 205mm / 55mm          |
| max. Speed                                    | 10'000rpm             |
| Drive power                                   | 3.7kW / 5.5kW         |
| <b>Tools Gang tool post</b>                   |                       |
| Number of tools                               | 7 (□ 12mm)            |
| Cross working tools                           | 5 (ER16)              |
| max. Speed                                    | 8.000 rpm             |

### Turret tools

|                         |                               |
|-------------------------|-------------------------------|
| Number of tool stations | 8<br>(4 with B-axis function) |
| Stationary tools        | max. 3 per station            |
| Driven tools            | max. 2 per station            |
| max. Speed              | 5'750 rpm                     |

### BACK SIDE

|                          |                         |
|--------------------------|-------------------------|
| Sub spindle              | C2 / X2 / Z2 axis       |
| Axis vertical            | Y2                      |
| max. Gripping diameter   | 20 mm /<br>23 mm option |
| max. Speed               | 10'000 rpm              |
| Drive power              | 2.2 kW / 3.7 kW         |
| <b>Backworking tools</b> |                         |
| Number of tools          | 8 (fix or driven)       |
| max. Speed               | 8'000 rpm               |