

**SAM 021995****DMG Type DMU 50 V**

|                       |                                                                         |
|-----------------------|-------------------------------------------------------------------------|
| <b>Group</b>          | 5-axis machining center                                                 |
| <b>Manufacturer</b>   | DMG                                                                     |
| <b>Type</b>           | DMU 50 V                                                                |
| <b>Controller CNC</b> | HEIDENHAIN TNC 426                                                      |
| <b>Youtube video</b>  | <a href="https://youtu.be/D77Zj8UHZ2E">https://youtu.be/D77Zj8UHZ2E</a> |



|                                     |                |
|-------------------------------------|----------------|
| Time under power                    | 82274 Heures   |
| Operating time                      | 81288 Heures   |
| Number of axis total                | 5              |
| Table length                        | 500 mm         |
| Table width                         | 380 mm         |
| Number of T-channels                | 5              |
| Distance of the T-slots             | 63 mm          |
| T-channel width                     | 14H7 mm        |
| Centering bore diameter             | 30H7 mm        |
| Table load max.                     | 200 kg         |
| Longitudinal travel (X-axis)        | 500 mm         |
| Transversal travel (y-axis)         | 380 mm         |
| Vertical travel (z axis)            | 380 mm         |
| Table load max.                     | 200 kg         |
| Swivel angle (a-axis)               | 180 °          |
| B axis                              | °              |
| Table speeds:                       |                |
| up to                               | 18 t/min       |
| Tool changer:                       |                |
| Number of tools                     | 24 (2x12)      |
| Tool diameter                       | 80 mm          |
| Diameter with free adjacent pockets | 130 mm         |
| Tool lenght                         | 280 mm         |
| Max. tool-weight                    | 6 kg           |
| Spindle nose     SK                 | 40 DIN 69871 A |
| Spindle speeds:                     |                |
| from                                | 20 t/min       |
| up to                               | 8000 t/min     |
| Vertical spindle speeds:            |                |
| stepless                            |                |
| from                                | 20 t/min       |
| up to                               | 8000 t/min     |
| Feed range                          | 10000 mm/min   |
| Rapid traverse:                     | 30 m/min       |
| Vertical quill travel               | 90 mm          |
| Air connect                         | 6 bar          |
| Voltage   50 Hz   3x                | 400 Volt       |
| Spindle motor                       | 15 / 10 kW     |
| Torque max.                         | 130 / 87 Nm    |
| Total power required                | 26 kVA         |

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

|                             |         |
|-----------------------------|---------|
| Machine's weight about      | 3500 kg |
| Overall dimensions machine: |         |
| Length                      | 2450 mm |
| Width                       | 1800 mm |
| Height                      | 2380 mm |

**Various accessories:**

Touch Probe  
Handwheel electronic  
Lamp  
Rotating viewing window  
Interface serial port RS 232  
Switch cabinet Air conditioner

HEIDENHAIN





