



Inventory number: 22077

5-axis machining center  
HEDELIUS RS 60 MAGNUM-2000  
SIEMENS SINUMERIK  
2009



### Technical data

|                                     |                  |
|-------------------------------------|------------------|
| Time under power                    | 37627 Hour       |
| Operating time                      | 15344 Hour       |
| Number of axis total                | 3 / 5            |
| Table length                        | 1200 mm          |
| Table width                         | 600 mm           |
| Circular table diameter             | 680 mm           |
| Table load max.                     | 300 kg           |
| Longitudinal travel (X-axis)        | 2000 (600) mm    |
| Transversal travel (y-axis)         | 620 mm           |
| Vertical travel (z axis)            | 520 mm           |
| Swivel angle (a-axis)               | +15 / -95 °      |
| Tool magazine number of tool places | 56               |
| Tool diameter max.                  | 80 mm            |
| Tool length                         | 330 mm           |
| Max. tool-weight                    | 8 kg             |
| Time of tool changing               | 3 sec            |
| Spindle nose SK                     | 40 DIN 69871     |
| Distance spindle nose to table      | 100 - 620 mm     |
| Milling spindle speeds:             |                  |
| Milling spindle:                    |                  |
| stepless                            |                  |
| from                                | 50 rpm           |
| up to                               | 12000 rpm        |
| Torque max.                         | 121 Nm           |
| Feed range                          | 0 - 45000 mm/min |
| Rapid traverse:                     | 45 m/min         |

|                                   |           |
|-----------------------------------|-----------|
| Max. Feed force                   | 7000 N    |
| Voltage 50 Hz 3x                  | 400 Volt  |
| Total power required              | 25 kVA    |
| Noise level                       | 77 dB (A) |
| Machine's weight about            | 11000 kg  |
| Overall dimensions machine:       |           |
| Length                            | 5400 mm   |
| Width                             | 4300 mm   |
| Height                            | 3000 mm   |
| Various accessories:              |           |
| Set of toolholders                |           |
| Full splash cabin                 |           |
| Coolant system                    | 1250 l    |
| High pression colant device       | 80 bar    |
| Air blast through milling spindle |           |
| Paper filtration system           |           |
| Touch Probe Renishaw              |           |
| Chip conveyor                     |           |
| Handwheel electroinic             |           |
| Oil mist extractor                |           |
| Full enclosure workspace cowl     |           |
| Switch cabinet Air conditioner    |           |









SIEMENS

POWER TEMP

SINUMERIK

**M** MANUELL
700356 Sonderbetrieb aktiv!!

Reset

| WKS | Position [mm] | T, F, S                            |
|-----|---------------|------------------------------------|
| X   | -100.000      | T 27 D1<br>ø 16.000<br>TC TABLE_AC |
| Y   | 135.743       | F 0.000 120%<br>0.000 mm/U         |
| Z   | 339.605       | S 240.0 100%<br>240.0 I            |
| C   | 0.000         |                                    |
| A   | 0.000         |                                    |

Nullpkt1

Grundstellung  
 Nullebene setzen  
 Nullebene löschen  
 Rundachs. teachen

**Schwenken** Winkel Rundachse

Nullebene: NPV1 G54

|   |         |                      |
|---|---------|----------------------|
| X | 0.000 ° | TC TABLE_AC          |
| Y | 0.000 ° | Freifahren: Z        |
| Z | 0.000 ° | Schwenken neu direkt |
| A | 0.000 ° |                      |
| C | 0.000 ° |                      |

nicht nachführen

- T, S, M
- NPV setzen
- Nullp. Werkst
- Messen Werkz.
- Schwenken
- Position
- Planfräsen

**M** MACHINE

> **MENU** SELECT



































