

**SAM 022429****KUNZMANN Type WF 4/3**

|                       |                              |
|-----------------------|------------------------------|
| <b>Group</b>          | CNC vertical milling machine |
| <b>Manufacturer</b>   | KUNZMANN                     |
| <b>Type</b>           | WF 4/3                       |
| <b>Controller CNC</b> | HEIDENHAIN TNC 124           |



|                                            |              |
|--------------------------------------------|--------------|
| Number of axis total                       | 3            |
| Table length                               | 650 mm       |
| Table width                                | 350 mm       |
| Number of T-channels                       | 5            |
| T-channel width                            | 14 mm        |
| Distance of the T-slots                    | 63 mm        |
| Table load max.                            | 250 kg       |
| Longitudinal travel (X-axis)               | 400 mm       |
| Transversal travel (y axis)                | 320 mm       |
| Vertical travel (z axis)                   | 400 mm       |
| Distance from vertical<br>spindle to table | 140 - 540 mm |
| Spindle speeds:                            |              |
| stepless                                   |              |
| from                                       | 50 t/min     |
| up to                                      | 3300 t/min   |
| Swivel range Vertical milling head         | +/- 90 °     |
| Spindle nose: ISO                          | 40 DIN 69871 |
| Feeds:                                     |              |
| stepless                                   |              |
| longitudinal from                          | mm/min       |
| up to                                      | 1'000 mm/min |
| transversal from                           | mm/min       |
| up to                                      | 1'000 mm/min |
| Rapid traverse: long.                      | 4 m/min      |
| Rapid traverse: transversal                | 4 m/min      |
| Rapid traverse: vertical                   | 3 m/min      |
| Vertical quill travel                      | 60 mm        |
| Voltage 50 Hz 3x                           | 400 Volt     |
| Milling spindle motor                      | 5.5 kW       |
| Total power required                       | 15 kVA       |
| Time under power                           | 6652 Heures  |
| Operating time                             | 1584 Heures  |
| Working time                               | 940 Heures   |
| Noise level                                | 78 dB (A)    |
| Machine's weight about                     | 1300 kg      |
| Overall dimensions machine:                |              |
| Length                                     | 2000 mm      |
| Width                                      | 1950 mm      |
| Height                                     | 1900 mm      |

**Various accessories:**

- Rigide table
- Electronic hand held control
- Mechanical handwheels
- Full splash cabin
- Coolant system
- Automatic central lubrication
- Interface serial port RS 232





