

## Machine - Datasheet

Machinetype:	Bed Type Milling Machine - Universal
Make:	REIDEN
Type:	BFR 24
Retrofit:	2011
Control:	HSK 100
Origin:	Switzerland
Term of delivery:	On request
Quotation:	Ex works



### Technical Details / Accessories / Additional

#### Travel distances

x-travel	4000 mm
y-travel	1200 mm
z-travel	1500 mm

#### Milling head B-axis:

Additional tilting of the head to the right and left as 5th NC B-axis +/- 180°, simultaneously programmable.

#### Milling head A-axis:

Additional tilting of the head via the control in the 45° plane every 15° as A-axis.

Possible feed angles: 15° / 30° / 45° / 60° / 75° (without angle deviations)

#### Milling head speeds:

- Speed range: 20 - 5,000 rpm
- With special spindle bearing and special cooling incl. 2-stage ZF gearbox
- Main drive: 30/45 kW (100/40 % ED)
- Torque: 755/1,135 Nm (100/40 % ED)

#### Media supply:

- Internal coolant supply 80 bar ( form A ) with 20 l/min, incl. paper band filter Paper belt filter
- Control of the internal coolant supply pressure
- Pressure control: The coolant pressure can be programmed via the tool table

#### Tool changer - Chain magazine:

- Tools are changed in a vertical position with double gripper arm
- Number of stations: 64

Combined work table with rotary table with C-axis

Combined work table with rotary table on the left-hand side

Dimensions: Ø 1800 mm and fixed table 1600 x 1000 mm

- Increased accuracy for the rotary table

ROD 880, system accuracy +/- 2 wsec, in radians at Ø 1,000 mm +/- 0.006 mm

**EQUIPMENT:**

- Control: Siemens 840 DSL J

- 2nd operating position at the rear ( identical at the front ) - Tool holder: HSK 100 - IKZ - Measuring probe: - Automatic opening of the front doors by pressing the button on the control panel Operating position at rear (identical to front)

- Tool holder: HSK 100

- IKZ

- Measuring probe:

- Automatic opening and closing of the front doors via the button on the control panel

- Scratch-resistant coating on the viewing windows of the two front and rear work area doors

- Blow air through the middle of the spindle

- Chip conveyor at the rear along the machine bed at the front, incl. flushing gun