

# Conventional Vertical Milling Machines

## SBF 40 TV 1000



### SKU : 101573

The SBF is a drilling and milling machine in the best way. It is ideal as a drill with a powerful drive and a wide speed range. You can also use this machine to mill steel and non-ferrous metals. This makes the SBF 40 a drill with additional benefits at an unbeatable price.

- Infinitely variable feed on X axis
- Automated drilling feed with depth display
- Gearbox milling head for powerful machining
- Swiveling head for wide range of applications

## TECHNICAL SPECS

### WORKING AREA

Table set up area	730 mm x 210 mm
Table load capacity (max.)	100 kg
Number of table T-slots	3 positions
T-slot table (width x spacing)	14 mm x 63 mm
T-slot foot (qty)	2 positions
T-slot foot (width x spacing)	14 mm x 200 mm
Quill stroke	120 mm
Throat	278 mm
Column diameter	115 mm
Spindle nose-to-table surface distance	600 mm
Spindle nose-to-foot distance	1180 mm
Drilling capacity in steel / ST37	40 mm
Head swivel range	± 45°
Tapping capacity, steel	(ST 37) M16

### TRAVELS

Travel X-axis	500 mm
Travel Y-axis	190 mm
Z1 / Z2 axis travel	530 mm

### HEADSTOCK

Speed range	75 1/min - 3200 1/min
Spindle mount	MK 4 DIN 228

### RAPID FEED

Rapid feed	600 mm/min
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### FEED

Work feed	0 mm/min - 420 mm/min
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### DRIVE CAPACITY

Main motor rating	1,5 / 1,1 kW
Motor rating coolant pump	0.04 kW

### MEASURES AND WEIGHTS

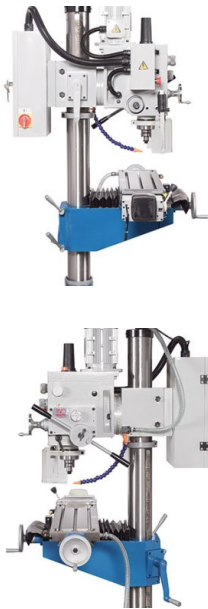
Overall dimensions (length x width x height)	0.83 m x 0.76 m x 1.85 m
Weight	390 kg

## PRODUCT DETAILS



- Drilling and Milling - a true added value for a low price
- Large compound sliding table with automatic infinitely variable feed on X-axis for coordinate drilling and light milling work
- Quiet operation with oil-bath lubricated gears for long tool life and durability
- The milling machine's high-quality spindle bearing can withstand higher loads for the long term
- Manual drill feed can be switched to high-precision feed via a hand-wheel
- Controllable automatic feed with 3 gear steps
- Adjustable height of gear head and table
- Table guides are adjustable with high precision via taper gibs
- Gear head swivels to both sides
- Cutter mounts are secured by an M16 drawbar
- Tapping feature
- Integrated coolant system

## STANDARD EQUIPMENT



Thread cutting function  
Table feed TV 1000  
Draw bar  
Drill chuck  
Tool-holder bits  
Coolant system  
Operator manual



## KNUTH on YouTube Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?  
Please feel free to contact us!**