

**Vertical Machining Centre
KUNZMANN BA 1200**

Working range		
X-axis (longitudinal)	mm	1200 (1400)
Y-axis (cross)	mm	700
Z-axis (vertical)	mm	750
Main spindle drive	kW (40% ED)	25,0
Spindle speed range	rpm	80 – 8.000
Tool taper		ISO 40
Feed rate	m/min	up to 10
Rapid traverse	m/min	20
Contouring control		iTNC 530 840 D ShopMill
Weight	kg	approx. 12.000 kg
Table		
Clamping surface	mm	1400 x 710
T-slots		6 x 18 H 8
Loading ability	kg	max. 1500
Tool changer		
Number of tool positions		24 / 40
Tool change time	sec	approx. 3
Chip-to-chip-time	sec	approx. 8

A **stable, high-torque** vertical milling machine that is suitable for **heavy chipping tasks** in single-part and series production. With an **extensive line of accessories**, the BA 1200 or BA 1400 can be adapted to meet individual customer requirements.



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Major characteristics of KUNZMANN are:

- Sophisticated ripped cast iron construction in column saddle design with wide flat guideways in all axes
- High Z-travel, useful when using a 4th axis or with tall work pieces
- Fast tool changer reduces the unproductive times
- Oversized ball screws in all axes
- Automatic central lubrication
- Hydraulic tool clamping
- Temperature compensation in the Y-axis and spindle cooling for high milling precision and surface quality
- Ergonomically designed machine with large front doors and direct access to working area
- Efficient chip disposal with 2 worm conveyors and trough rinsing
- Movable operating panel makes it easier to configure the machine

Options

- 40-Positions tool changer
- Coolant through the tool
- 4:1 gear ratio (very high-torque version)
- X-axis travel extended to 1400 mm
- Distance-coded linear measuring systems
- Electronic hand wheel
- Touch probe systems
- Automatic tool measuring systems
- Minimum-quantity lubrication system
- Automatic sliding doors
- CNC-indexing unit 4th / 5th axis

More information, brochures or a **detailed quotation** are available at

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