

Universal milling machine

UWF 80 E

- Horizontal and vertical spindle extend the variety of applications
- Mill table tilts 45° left and right
- Ball bearings guarantees high concentricity (≤ 0.015 mm) and accuracy
- Convenient spindle speed adjustment
- Mill head tilts from -90° to +90°
- Large clamp area 1000 x 240 mm
- Automatic table feed in x and y-axis, including rapid feed
- Handwheel allows spindle feed when milling
- Star handle allows spindle feed when drilling
- Clutch allows easy adjustment from manual to fine feed
- Left and right rotation for thread cutting
- Dovetail guiding of gear head
- Surface treated cross table features T-slots



The digital readout in all three axis allows an increase in productivity of up to 50%.



Serially equipped with counter bearing and milling arbor for horizontal milling.



Optionally available: boring head diameter 75 mm and opening wider machine vise FJ 125



User-friendly, clearly arranged control elements for easy speed adjustment.



Horizontal spindle largely increases the range of applications.



Complete with longitudinal table feed including rapid feed function.



Serially equipped with stepless power feed for the y-axis.

Technical data

UWF 80 E

Table size	1000 x 240 mm
Spindle taper	ISO 40
Spindle speed vertical	(8) 115 - 1750 rpm
Spindle speed horizontal	(9) 60 - 1350 rpm
Spindle stroke	125 mm
Travel longitudinal (x)	590 mm
Travel cross (y)	180 mm
Travel vertical (z)	320 mm
Distance spindle to table	0 - 375 mm
Distance spindle to column	230 - 685 mm
Table tiltable	-45° to +45°
Spindle head tilting range	-90° to +90°
Feed range, longitudinal	(8) 32 - 700 mm/min
T-slot size	14 mm
Motor power vertical	0,85 / 1,5 kW
Motor power horizontal	1,5 kW
Machine dimension (W x D x H)	1500 x 1430 x 2100 mm
Weight approx.	980 kg
Art. no.	02-1211BXL

Optional accessories:

	Art. no.	excl. VAT
Hydro machine vise VH 125 with swivel base	28-2089	
Opening wider machine vise FJ 125	28-2086	
Mill chuck set ER 40, ISO 40, 3 - 25 mm, 16 pcs.	26-1011	
Semi-universal dividing head BS-1	27-1046	
Horizontal and vertical rotary table HV 8	27-1001	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
28 pcs. standard steel parallel set	35-1020	
20 pcs. HSS TiN-coated end mills, 3 - 20 mm	42-1020	
Boring head combo package diam. 75 mm, incl. boring bars	25-1020	
10 pcs. TiN-coated roughing end mills, 6 - 25 mm	42-1016	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Machine mount NE 160	53-2012	
Carbide indexable face milling cutter diam. 80 mm / B 27	42-1059	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

UWF 80 E

The UWF 80 E, a solid universal milling machine, is ideal for single and small series due to the combination of horizontal and vertical spindle. The large table clamping area of 1000 x 240 mm makes even clamping of large workpieces easy.

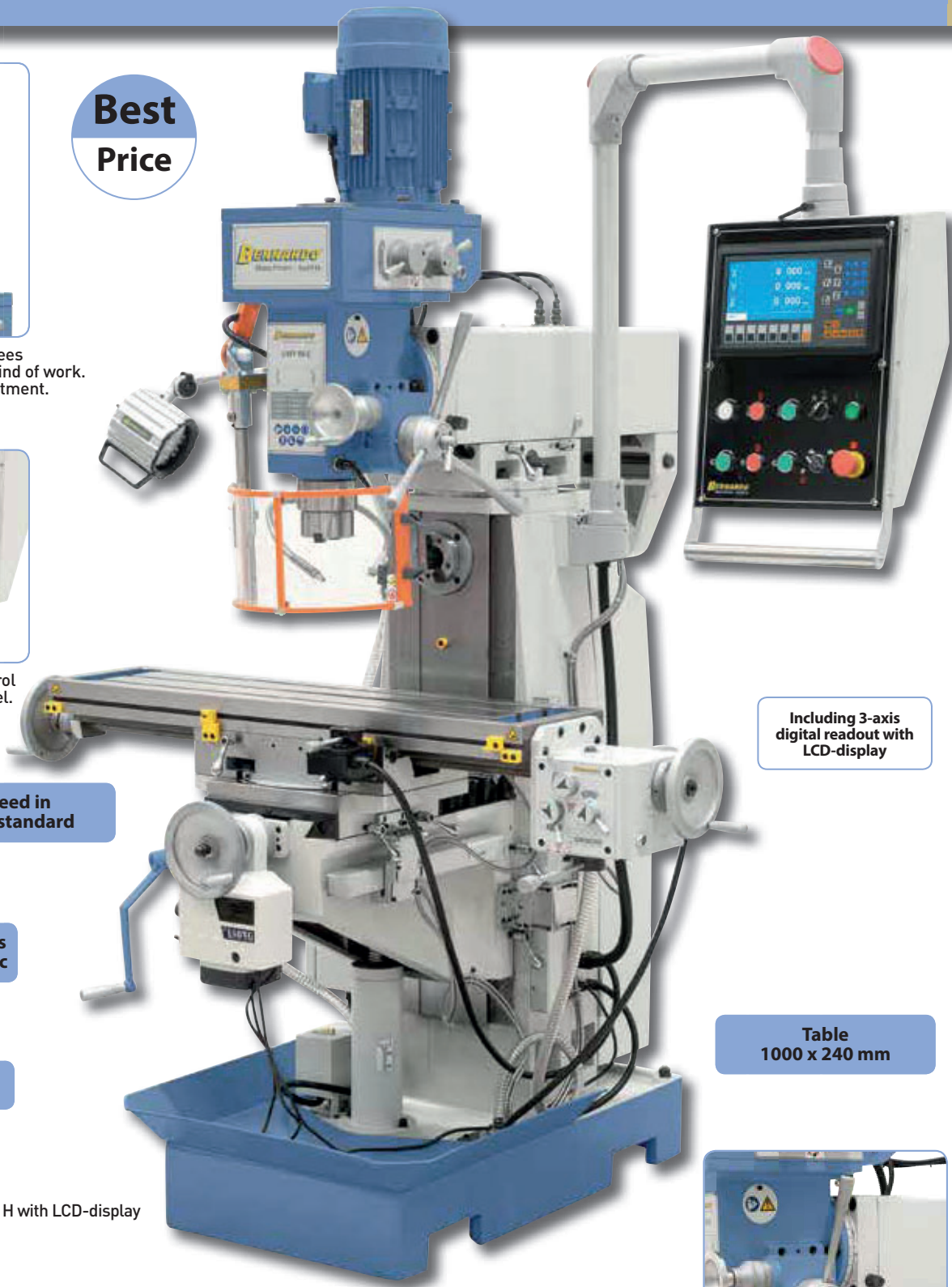
Best Price



The powerful motor guarantees satisfactory results for any kind of work. Gearshift allows speed adjustment.



User-friendly arranged control elements on the control panel.



Including 3-axis digital readout with LCD-display

Automatic table feed in x- and y-axis comes standard

Electronic components from Schneider Electric

Table tiltable comes standard

Table 1000 x 240 mm

Standard accessories:

- 3-axis digital readout ES-12 H with LCD-display
- Drawbar M 16
- LED machine light
- Coolant device
- Power feed for the x-axis
- Power feed for the y-axis
- Adapter ISO 40/MT 3
- Adapter ISO 40/B 18
- Morse taper drill sleeve MT 3/2
- Long milling arbor ISO40/27 mm
- Adjustable protective device
- Protective cover for horizontal milling
- Horizontal counter bearing



Ergonomically arranged handles for easy spindle feed