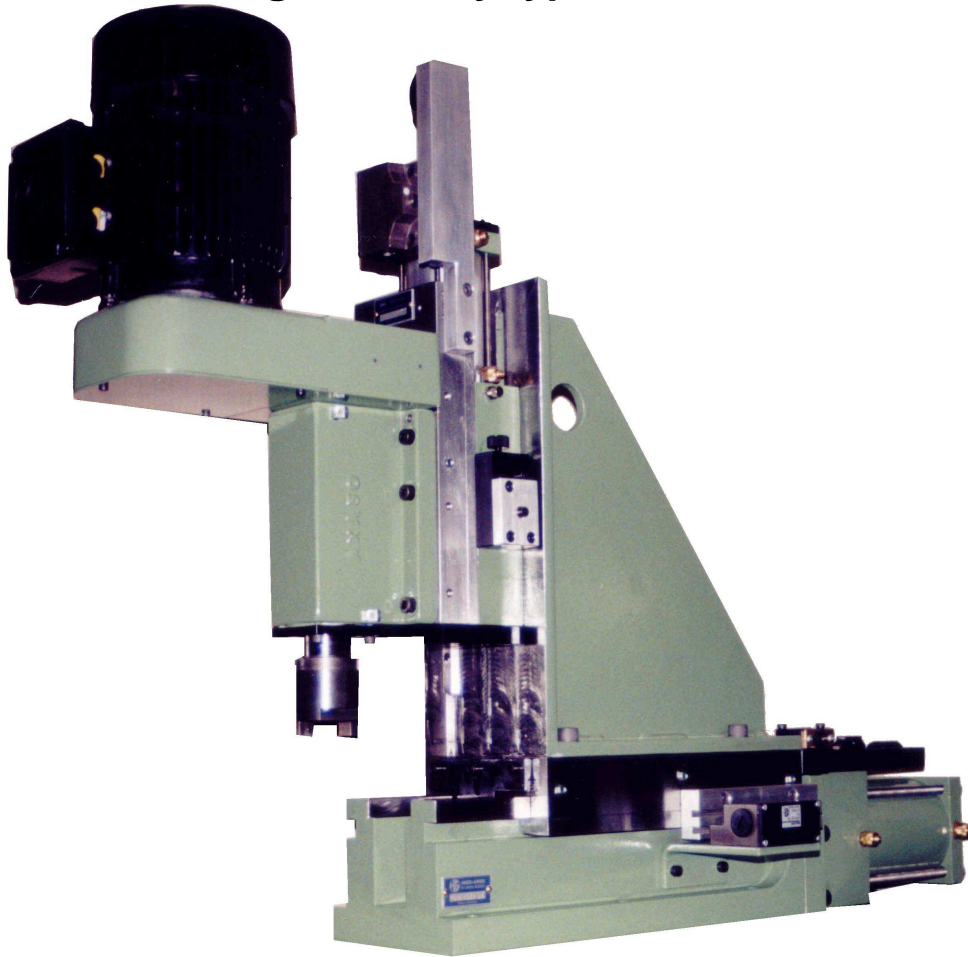




Unit - Sample HG – 764

Vertical milling assembly type BF2 – H60 – H160



Spindle unit type BF 2 (vertical used)

Motor:	3 phases norm motor 400Volt / 50Hz P= 1,1 KW / 3.000 rpm
Spindle bearing:	high precision spindle bearing, i.D. 30 mm
Protection:	shaft seal
Spindle nose:	SK 30 with drawbar
Motor fixture:	in Z – fixture
Belt system:	Poly – V power belt system, exchangeable
Ratio:	between $i = \text{up to } 2 : 1$ into faster speed => max. 6000 rpm

fixed on

Slideway unit type W60/80 – EE (vertical fast movement)

Force system:	hydropneumatic system
Axial force:	at about 1500 N at 7 bar air pressure
Stroke:	max. 80 mm adjustable by positive stop
Speed:	max. 6000 mm/min (W60) or 4000 mm/min (H60)
Slideway system:	high precision roller bearing system (W60)
Electrical switch:	limit switch, two positions (front and rear)

fixed on

-- 2 --

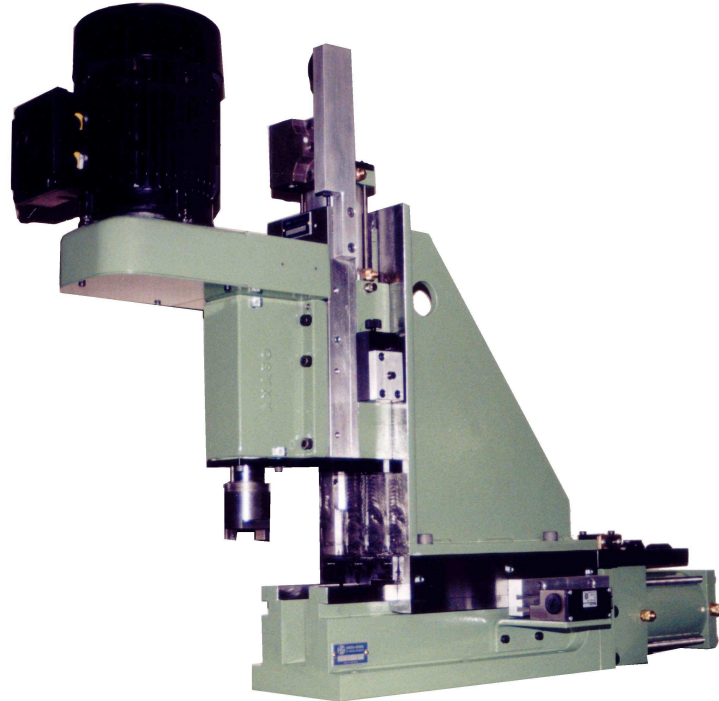
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Vertical milling assembly type BF2 – H60 – H160



90 degrees vertical column, height at about 400 mm, 160 mm wideness with manual height adjustment
fixed on:

Slideway unit type H160/V100/100 – EA – EE (used as horizontal feed axis)

Force system:	hydropneumatic system
Axial force:	at about 4000 N at 7 bar air pressure
Stroke:	max. 100, 160 mm adjustable by positive stop
Speed control:	fast traverse – working traverse – shift in advance adjustable by geneva wheel and activating bolt
in fast traverse:	4000 ^{mm} / _{min}
in working traverse:	40 – 400 ^{mm} / _{min}
	infinitely variable adjustable by load and pressure self-contained regulator
return travel :	in fast traverse
Slideway system:	square guide system, adjustable, steel hardened and grinded
Reverse surface:	Turcite rubbing surface
Electrical switch:	limit switch, two positions (front and rear)

It can be used for:	automatic boring of two holes or milling
In this special case:	used on round table machine to mill a groove wideness 13,7 mm and deepness 1,3 mm
	Material: C60
	Tooling: tungsten carbide

Other designs or technical requirements are after request possible.

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