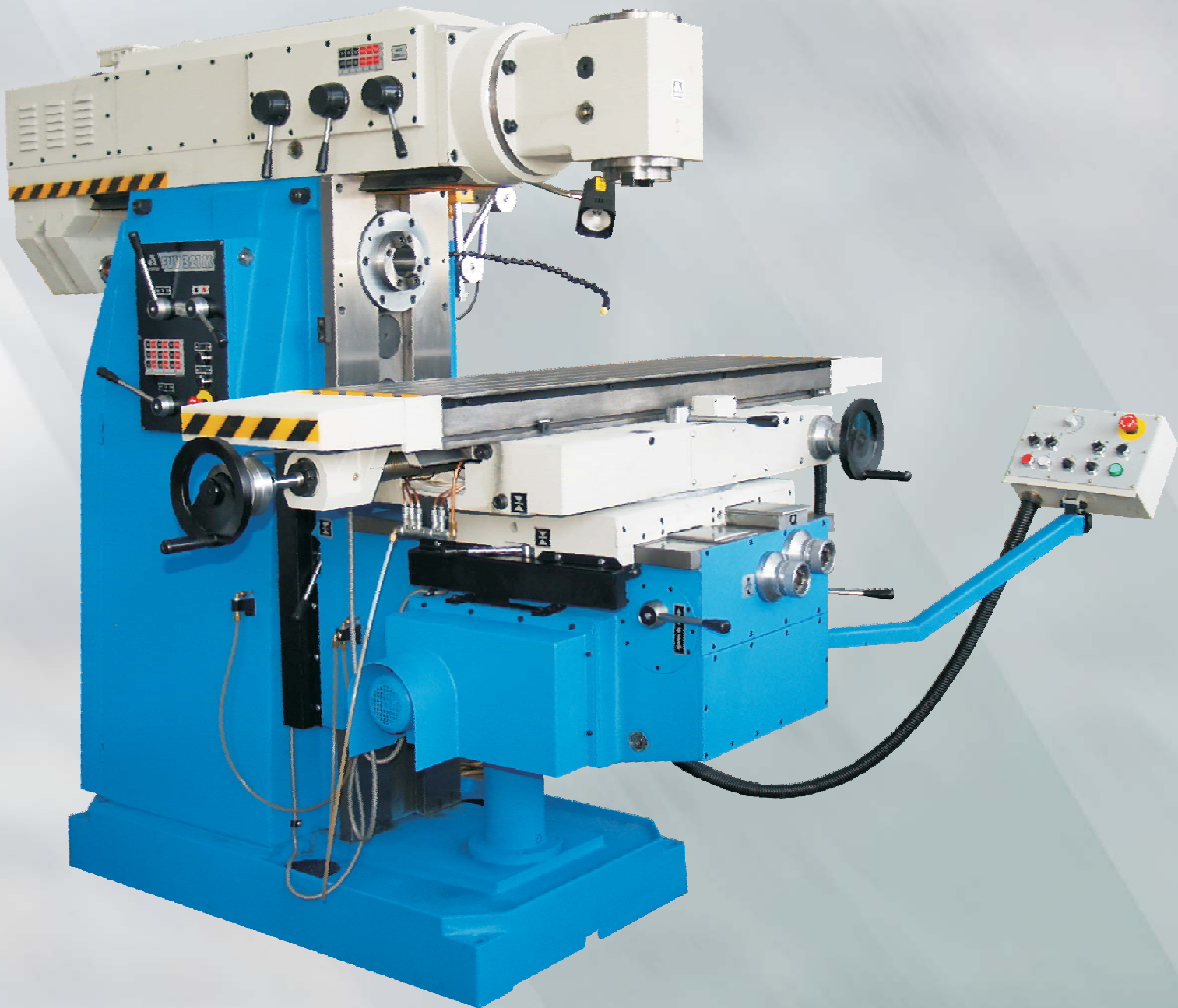


# UNIVERSAL – VERTICAL MILLING MACHINES

## FUV 321M • FUV 401



CE

TECHNICAL DATA			FUV 321M	FUV 401
Table size		mm	320x1350	400x1600
T - slots:	- number x size x dist.	mm	5x18x63	5x18x80
Table swivel:	- left and right	deg	45	45
Longitudinal table travel:				
	- manual	mm	1000	1250
	- automatic	mm	980	1230
Cross table travel:				
	- manual	mm	360	360
	- automatic	mm	340	340
Vertical table travel:				
	- manual	mm	460	460
	- automatic	mm	440	440
Distance from table top to:				
-horizontal spindle axis	- min	mm	30	30
	- max	mm	490	490
- vertical spindle nose	- min	mm	170	170
	- max	mm	630	630
Spindle nose taper:				
	- vertical	ISO	50	50
	- horizontal	ISO	50	50
Number of spindle speeds:				
	- horizontal	-	18	18
	- vertical	-	12	12
Spindle speed range:				
	- horizontal normal	rpm	32...1600	32...1600
	- horizontal option	rpm	40...2000	40...2000
	- vertical	rpm	45...2000	45...2000
Number of table feeds				
	-	-	stepless	stepless
Table feed rate:	- x,y / z	mm/min	10...10000 / 4...415	10...10000 / 4...415
Table rapid traverse:	- x,y / z	mm/min	2500 / 1040	2500 / 1040
Main motor power:				
	- horizontal	kW	7,5	7,5
	- vertical	kW	4	4
Feed motor power				
	-	kW	2,2	2,2
Machine weight				
	-	kg	3500	3575

### STANDARD FEATURES

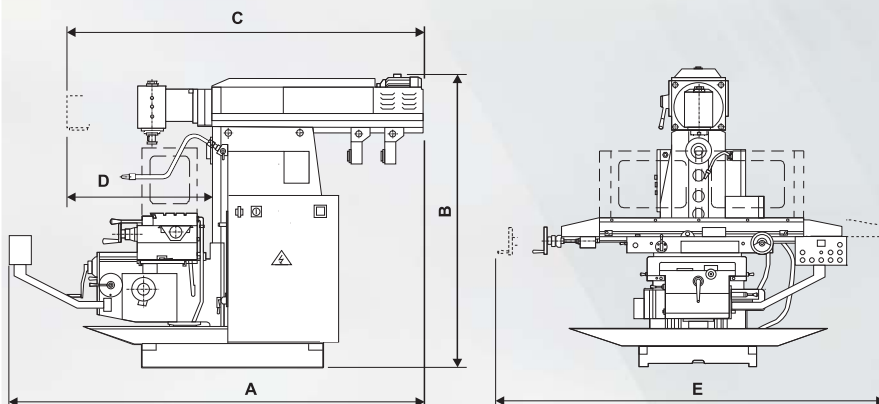
- Stepless regulation of the feeding • Cooling System • Working lighting • Machine maintenance tool kit • Automatic lubrication

### ACCESSORIES

- Rotary index table • Universal index device • Arbors • Horizontal swivel vice • Collet chuck with a collet set • Clamping kit

### OPTIONS

- Digital readout system • Panel control of feeding towards three axes • Universal milling head
- Digital readout of feeds for X and Y axes • Automatic cycle for longitudinal movement • Protection of Y axis
- Mechanism for longitudinal screw travel without backlash



Size	FUV 321M	FUV 401
A	2755	2755
B	2000	2000
C	2775	2775
D	1230	1230
E	3090	3590