



## UM-300A/400A tool Milling

Feature: UM-300A:

*u This machine is versatile machine of better universality, extensively used for milling flat, inclined surfaces and slots on metal parts and is suitable for machining tools, jigs, fixtures and moulds as well as machine parts of complicated shapes in instruments and meters manufacturing plants and machinery building works.*

*u With the employment of attachment, such as diving head or rotary table, etc. The machine can also be used for cutting gears, curved planes, cam and other complicated machine parts. When equipped with digital display system it may be further used for boring coordinated holes*

Feature: UM-400A:

*l It is a versatile machine, extensively used for metal cutting manufacture in different mechanical industries. It is particularly suitable for half-finished and precision-Machined manufacturing of machine parts, which have complicated shapes, such as fixtures, jigs and machining tools etc. It has a great advantage for manufacturing middle and small parts to use this machine tool. With various special attachments it may be further used for drilling, milling and boring, therefore the scope of application will be widely enlarged.*

*l It can be fitted with digital position readout system. It display digits of coordinate position in the operation and is super precision in readout and easy in operation.*

Model		UM-300A	UM-400A
Working surface of table	Horizontal	320x750mm	400x750mm
	Vertical	225x830mm	250x1060mm
T-slots of table (Number x Width x Distance)	Horizontal	5x14x63mm	6x14x63mm
	Vertical	2x14x126mm	3x14x63mm
Max travel of X,Y,Z		400,200,390,,	500,400,400mm
Distance between horizontal spindle and horizontal table	Min	35±63mm	95±63mm
	Max	425±63mm	475±63mm
Distance between vertical spindle and horizontal table	Min	65±63mm	55±63mm
	Max		455±63mm
Distance between vertical spindle and guideway		660mm	540mm
Range of spindle speed(r/min)		40-1600(18steps)	40-2000(18steps)
Spindle taper bore		ISO40 7:24	
Range of longitudinal(X),cross(Y).vertical(Z)		8-310mm/min	10-380mm/min
Rapid feed of X,Y,Z		1000mm/min	1200mm/min
Travel of vertical spindle quill		80mm	

Main motor power(total motor power)(kw)	2.2(2.875)	3(5)
N.W/G.W(kg)	1200/1600	1400/1800

**Standard:**

- 2 Vertical spindle head**
- 2 Tools set
- 2 Milling cutter arbors(16,22,27,32mm)
- 2 Collets(2,3,4,5,6,8,10,12mm)
- 2 Reducing sleeve(MT1,2,3)
- 2 Horizontal table

**Optional:**

- 2 Universal angular table(320x620mm)
- 2 Universal boring head(Z11 150)
- 2 Machine vice(QH125/160)
- 2 Rotary table(TS250/320)
- 2 Dividing head(F11 100)