



UM 340EZ

Universal Milling machine

Working Table: 400mmx800mm

X/Y/Z Travel stroke: 400/300/380mm



UM 600EZ

Universal Milling machine

Working Table: 500mmx900mm

X/Y/Z Travel stroke: 600/480/390mm

High Light

Specification

Standard

Accessorie

Optional

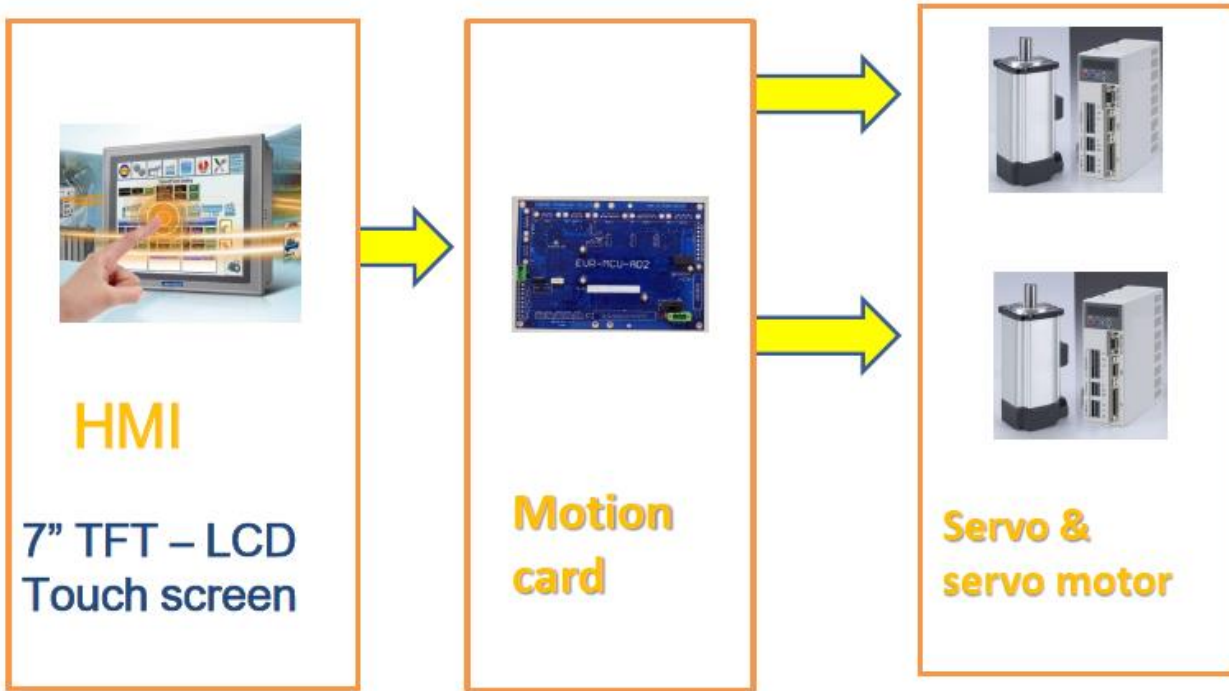
Accessorie

High Light

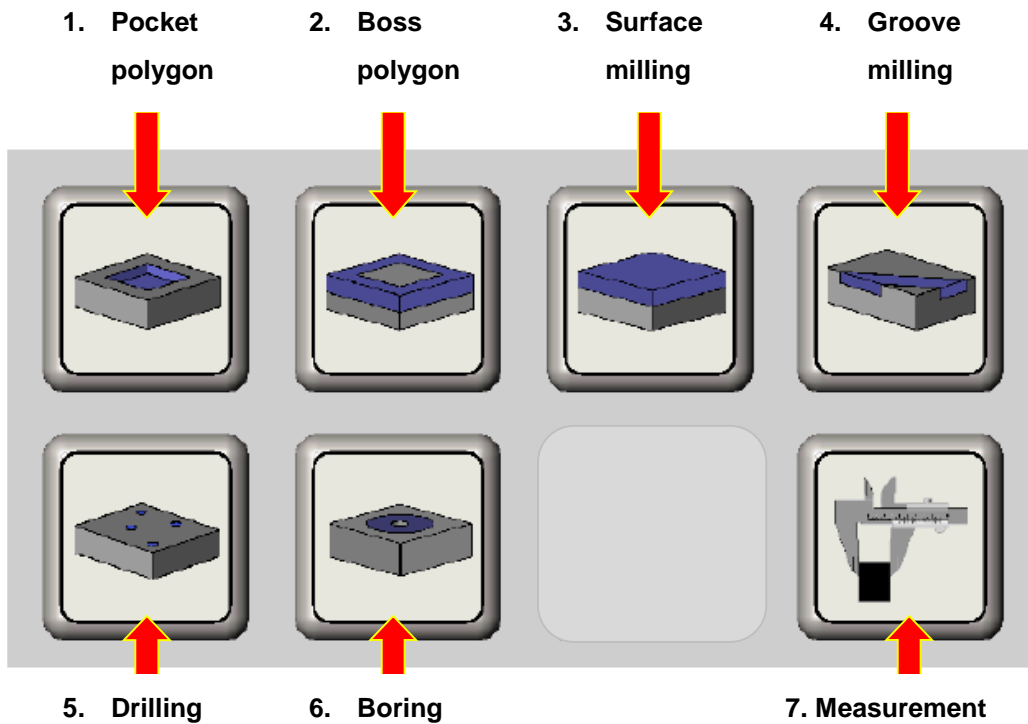
1. Easy to working for the milling machine function by the finger touch.
2. Milling machine function as included:
 1. Pocket Polygon milling
 2. Boss Polygon milling
 3. Surface milling
 4. Grooving
 5. Drilling
 6. Boring
 7. Work-piece measurement
3. Automatically feeding travel on X/Y/Z axes by servo motor & driver.
4. Slide ways are hardened and precision ground on the column & vertical table surface.
5. T-slot from the Vertical table is 14H7 class with hardened and grind surface, customer is easy to mounting the precision vice for the fine cutting work as smoothly.
6. Vertical Milling head can be rotating +/-90° on both right & left side.
7. Quill stroke is 120mm, to working the handle located on right side of head stock.
8. UM-600EZ= The X, Y axes are dovetail way, Z axis is square way.
9. UM-340EZ= The X, Y, Z axes are dovetail way.
10. The X, Y, Z axis are transmitted by precision C3 ball screw.
11. The operating control panel with radial arm type, which will be more convenient for the operator to work the machine at right side.
12. To include the auto lube system as standard.
13. To include MPG hand wheel for X/Y/Z axes as standard.
14. We are installing VS Geared box for UM-600EZ as standard. (48-3800rpm)
15. We are installed with Hydraulic clamping kit (DIN69871) onto the Vertical spindle as standard.



16. EZ Mill Hardware system



17. Milling machine mode function



Specification

UNIT: MM, 50Hz

ITEMS	Description	UM-340EZ	UM-600EZ
TABLE	Table size	400 x 800	500 x 900
	Vertical table size	220 x 830	250 x 1200
	T-slots, Work Table	14 x 63 / 6no.	14 x 63 / 7no.
	T-slots, Vertical Table	14 x 126 / 2no.	14 x 126 / 3no.
	Table load capacity (kg)	285	360
TRAVEL	X axis	400/360	600/580
	Y axis	300/280	480/460
	Z axis	380/365	390/380
VERTICAL SPINDLE	Spindle nose	DIN-40 (DIN69871)	DIN-40 (DIN69871)
	Range of Spindle speed	12 no. 50 – 2000rpm	5 no. 38 – 3800rpm
	Spindle travel	120	120
	Swiveling angle	+/-90°	+/-90°
	Spindle nose to Table	175 – 575	58 – 460
	Center to Column	Min. 135	Min. 110
	Center to Column	Max. 635	Max. 560
HORIZONTAL SPINDLE	Spindle Nose	NT-40 (ISO-40)	NT-40 (ISO-40)
	Range of Spindle speed	12 no. 50 – 2000rpm	5 no. 38 – 3800rpm
	Center to Table surface	128 – 513	152 – 580
FEED	X/Y/Z axes (mm/min)	8 – 650	10 – 650
RAPID FEED	X/Y/Z axes (mm/min.)	1200	1200
MOTOR	Motor for Ver./Hor. (kw)	2.2	3.75
	Table feed (X/Y/Z) (kw)	1.0/1.0/1.0	1.0/1.0/2.0
	Coolant Pump (kw)	0.09	0.09
SIZE	Machine dimension (cm)	120 x 146 x 195	140 x 160 x 192
	Net Weight (kg)	1560	1950
	Gross Weight (kg)	1660	2050

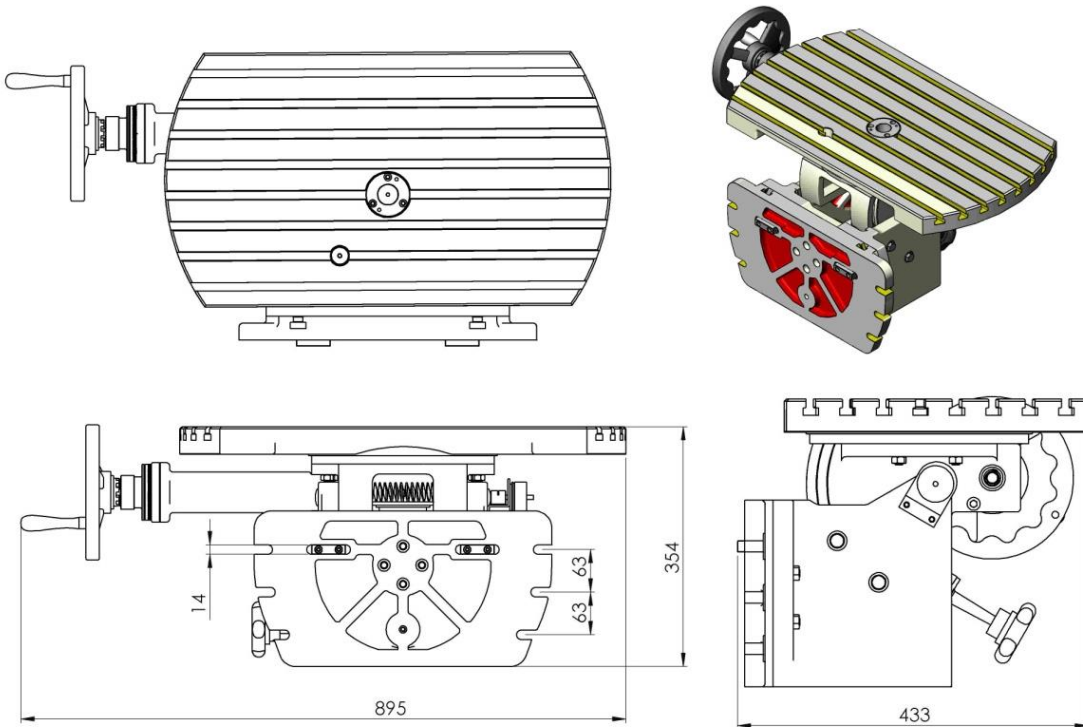
- We reserve all right of descriptions and specifications. All subject to be changed without notice.

Standard Accessories

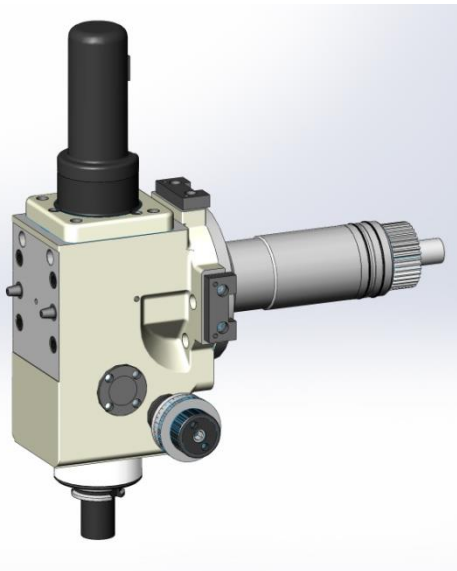
1. Completely EZ control system and touch screen panel assembly.
2. MPG Electronic hand wheel on X/Y/Z axes.
3. AC Servo motor on each X/Y/Z axes movement (servo driven)
4. Precision C3 Ball screw on X/Y/Z axes.
5. Geared transmission for the spindle speed (Taiwan made).
6. E-Stop switch build on right side of column.
7. Brake system and pre-load tension seat build on Z axis movement.
8. 3 pcs of reducing sleeves (MT-1, MT-2, MT-3)
9. Collet chuck with 7 pcs collets (\varnothing 6, 8, 10, 12, 16, 20, 25 mm)
10. One-piece drawbar (ISO40) for horizontal Spindle.
11. Outer arbor support for Horizontal Milling w/1pc of long cutter arbor \varnothing 27mm.
12. LED Work lamp.
13. Auto lubrication system.
14. Safety handle wheel on X/Y/Z axis.
15. Coolant system.
16. Telescoping dust shield cover for X & Z axis.
17. Spindle guard with interlock switch.
18. Levelling pad & bolts.
19. Tools & tool box.
20. Manual and Spare Parts List

Optional Accessories

1. Swivel table (ST-3)



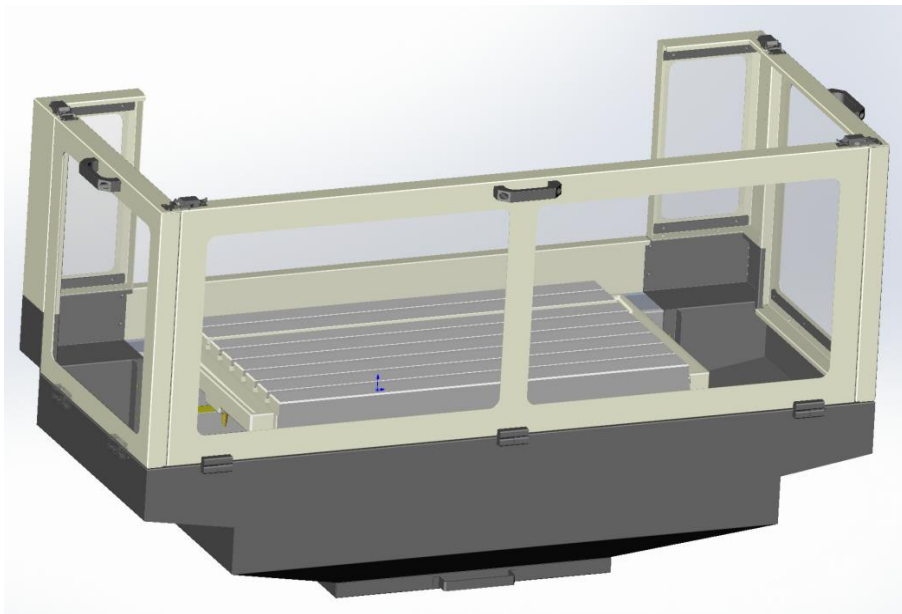
2. Hydraulic clamping kit (DIN40/DIN69871)



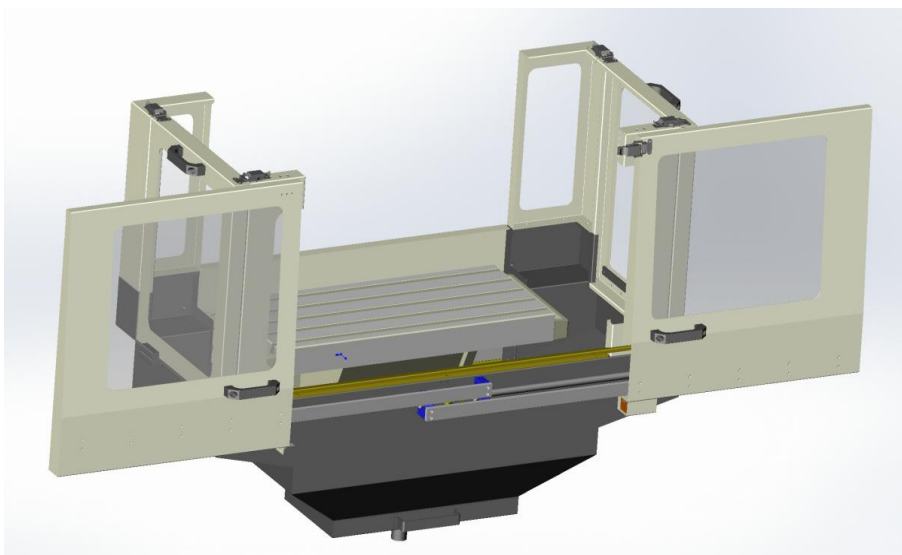
3. LSG-400D Safety guard for Horizontal/Vertical spindle protecting.



4. G1 Type table guard assembly



5. G2 type table guard assembly (with the CE Door switch)



6. TUV-CE license with company information.
7. Long cutter arbors for Horizontal milling ($\Phi 16$, $\Phi 22$, $\Phi 32$ mm on each)
8. SIEMENS switch (CE) inside of Electrical cabinet.
9. Stainless telescopic cover for Z axis upper side.
10. Nice quality safety hand wheels on X/Y/Z axis.