

ELECTRIC TAPPING MACHINE

Multiple Processes can be solved in One Machine

Auto Oiling and Blowing Model: **ETMO-16-1100**

UNIFAST®



OPTIONAL PART



Oiling function



Large-sized workpiece preferred



Wide Working Range



Depth positioning



Easy to move and operate



Three tapping modes

SUITABLE FOR MANY MATERIALS

Applicable materials: aluminum, copper, A3 steel, 45 steel, cast iron, pig iron, Q235, S136, mold steel, 718H, 40Cr, stainless steel and other metal materials



Metal Tapping



Wood Tapping



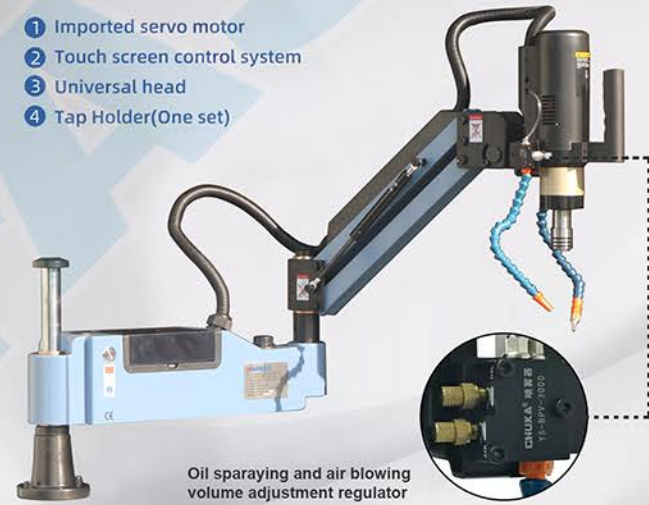
Plastic Tapping

PRODUCT INTRODUCTION

Model	ETMO-16-1100
Customized	Yes
Power Type	Servo Motor
Rated Power	1200W
Supply Voltage	220V 50Hz
Spindle Rated Speed	0-375rpm
Tapping Range (steel, stainless steel, aluminum)	M3-M16
Working Range	1100mm
Weight	31kg
Universal Tapping	Yes
Oiling Function	Yes
Lifting Function	No

MAIN PARTS: WITHOUT CONSOLE

- 1 Imported servo motor
- 2 Touch screen control system
- 3 Universal head
- 4 Tap Holder(One set)



Oil spraying and air blowing volume adjustment regulator

STANDARD ACCESSORIES

- 1 Tapping Arm (One set)
- 2 Servo Motor and reducer (One set)
- 3 Tap Holder M3-M16 (One Set)
- 4 Universal Joint and Lubrication system (Tapping for a Vertical/Horizontal)

OPTIONAL ACCESSORIES

- 1 Magnetic Base Weight: 18kg (Magnetic Power: 600kg) Realize tapping in any range
- 2 Moving workbench 600x800x900

HD Human-machine Interface

Adjustable forward and backward speed

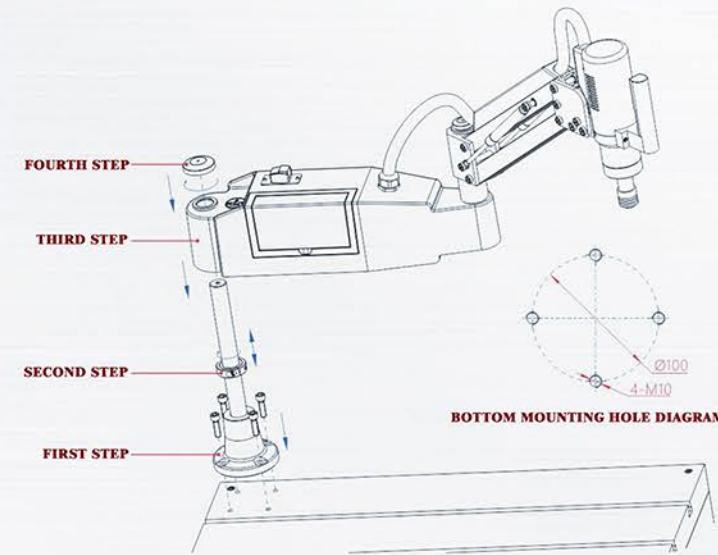
Thread	Thread pitch	Work mode
M 16	2.000 mm	Normal
Feed speed	Torque	Tapping Depth
80 rpm	40.0 N.m	28.00 mm
Rollback speed	Counter	
100 rpm	15	Manual
User parameter	Workpiece	Deep hole operation
		Ordinary operation

Imported Servo Motor

Strong output



INSTALLATION INSTRUCTIONS



01

INSTALL THE FOOT BASE

Align the foot base with the screw holes on the workbench, and install four screws. If the company workbench is not selected, you need to machine four mounting holes on the workbench by yourself. The processing dimensions are detailed in the following "Foot base mounting hole position map".



02

ADJUST THE LIMIT RING

According to the actual situation, adjust the appropriate height, and tighten the screws on the limit ring.



03

INSERT THE TAPPING HOLE

Put the copper sleeve of the lower bracket of the tapping machine on the optical axis of the foot base, and make the bottom copper sleeve close to the limit ring.



04

SCREW ON THE OPTICAL AXIS COVER

Align the optical axis cover with the screw hole on the top of the optical axis, insert it correctly and tighten it.



TAPPING MACHINE OIL SPRAYING WIRING GUIDE DIAGRAM

MOVE THE BAFFLE FORWARD AS SHOWN IN THE PICTURE



TAKE OUT THE OILER, ADD TAPPING OIL, THEN PUT IT BACK



INSERT THE 8MM AIR COMPRESSOR TUBE AT THE BOTTOM



ADJUST THE AMOUNT OF OIL SPRAYING AND AIR BLOWING ACCORDING TO THE DEMAND



TAPPING COLLET CHUCK



GT12 M3-M16



If you don't know what standard tapping chuck to choose. Measure the diameter of the tap shank and the width of the square head, corresponding to the values listed in the table below.

ISO	AXB	JIS	AXB	DIN	AXB
M2	2.8x2.25	M2	3x2.5	M2	2.5x2.1
M3	3.15x2.5	M3	4x3.2	M3	3.5x2.7
M4	4x3.15	M4	5x4	M4	4.5x3.4
M5	5x4	M5	5.5x4.5	M5	6x4.9
M6	6.3x5	M6	6x4.5	M6	6x4.9
M8	6.3x5	M8	6.2x5	M8	8x6.2
M10	8x6.3	M10	7x5.5	M10	10x8
M12	9x7.1	M12	8.5x6.5	M12	9x7
M14	11.2x9	M14	10.5x8	M14	11x9
M16	12.5x10	M16	12.5x10	M16	12x9
M18	14x11.2	M18	14x11	M18	14x11
M20	14x11.2	M20	15x12	M20	16x12
M22	16x12.5	M22	17x13	M22	18x14.5
M24	18x14	M24	19x15	M24	18x14.5
M27	20x16	M27	20x15		
M30	20x16	M28	21x17		
M33	22.4x18	M30	23x17		
M36	25x20				
M39	28x22.4				
M42	28x22.4				