

ELECTRIC TAPPING MACHINE

Multiple Processes can be solved in One Machine

UNIFAST®



Model: **ETM-42-1200**

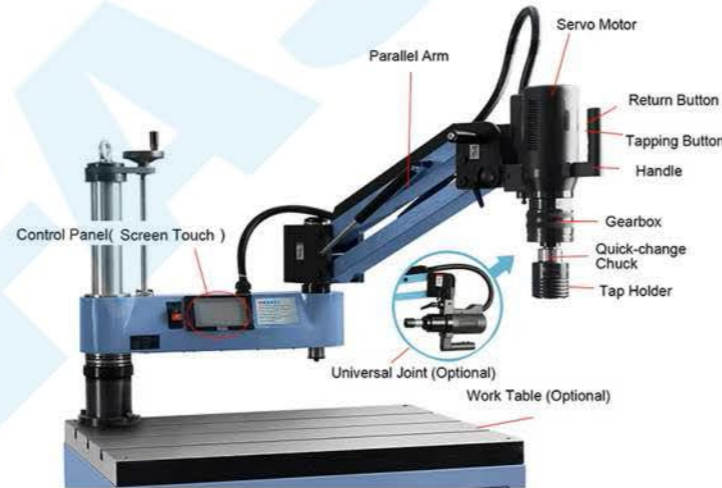
OPTIONAL PART

Oiling function	Large-sized workpiece preferred	Wide Working Range
Depth positioning	Easy to move and operate	Three tapping modes

PRODUCT INTRODUCTION

Model	ETM-48-1200
Customized	Yes
Power Type	Servo Motor
Rated Power	2000W
Supply Voltage	220V 50Hz
Spindle Rated Speed	50-250rpm
Tapping Range (steel, stainless steel, aluminum)	M12-M48
Working Range	1200mm
Weight	125kg
Universal Tapping	Yes
Oiling Function	No
Lifting Function	Yes

MAIN PARTS: WITHOUT CONSOLE



STANDARD ACCESSORIES	<ul style="list-style-type: none"> ① Tapping Arm (One set) ② Servo Motor and reducer (One set) ③ Tap Holder M12-M48 (One Set) ④ Universal Joint (Tapping for a Vertical/Horizontal)
OPTIONAL ACCESSORIES	<ul style="list-style-type: none"> ① Magnetic Base Weight: 18kg (Magnetic Power: 1000kg) Realize tapping in any range ② Moving workbench 600x800x900

▶ HD Human-machine Interface
Adjustable forward and backward speed

▶ Imported Servo Motor
Strong output

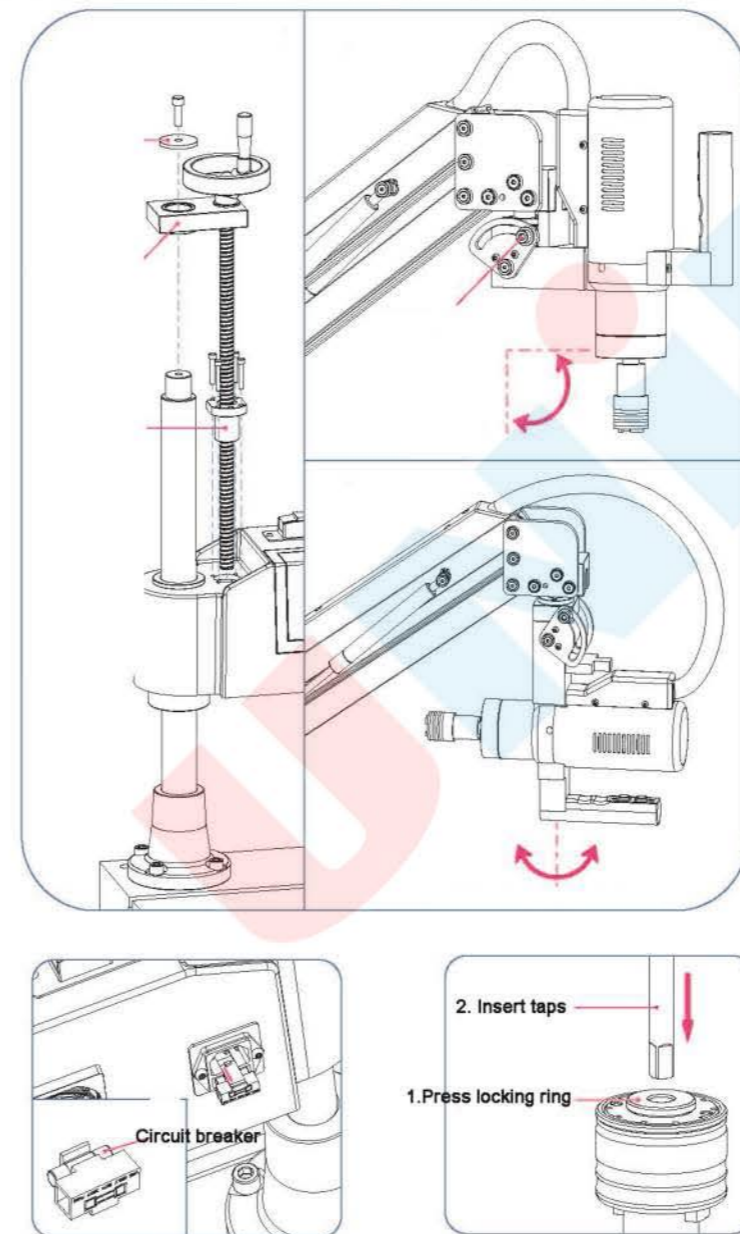
TAPPING MODE INTRODUCTION

MANUAL TAPPING
Set the tapping speed and thread pitch by yourself, you can observe the depth value of the digital display on the screen. After reaching the required depth, you can manually press the rewind button (suitable for different single piece processing).

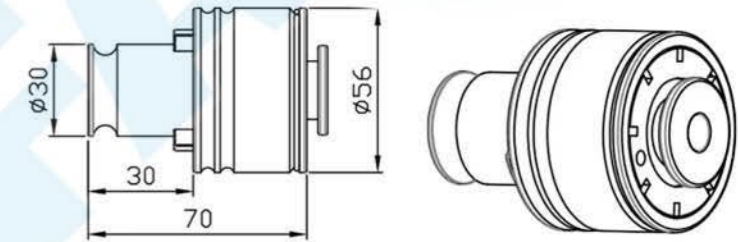
AUTOMATIC TAPPING
First click on the upper left corner of the screen to enter the thread selection, select the corresponding thread size, and then enter the tapping depth, advance speed, and retreat speed to realize automatic tapping operation. (Suitable for blind hole processing, can more effectively prevent the tap from touching the bottom, causing the tap to break due to excessive force).

DEEP HOLE INTERMITTENT MODE
This mode is mainly used for deep hole tapping, the CNC computer simulates the manual machining method. While performing deep processing, the processing chips are discharged to ensure the tapping effect (suitable for deep hole tapping).

INSTALLATION INSTRUCTIONS



TAPPING COLLET CHUCK



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	M6	3x2.5	M2	2.5x2.1
M3	3.15x2.5	M8	4x3.2	M3	3.5x2.7
M4	4x3.15	M10	5x4	M4	4.5x3.4
M5	5x4	M12	5.5x4.5	M5	6x4.9
M6	6.3x5	M14	6x4.5	M6	6x4.9
M8	6.3x5	M16	6.2x5	M8	8x6.2
M10	8x6.3	M18	7x5.5	M10	10x8
M12	9x7.1	M20	8.5x6.5	M12	9x7
M14	11.2x9	M22	10.5x8	M14	11x9
M16	12.5x10	M24	12.5x10	M16	12x9
M18	14x11.2	M27	14x11	M18	14x11
M20	14x11.2	M28	15x12	M20	16x12
M22	16x12.5	M30	17x13	M22	18x14.5
M24	18x14	M33	19x15	M24	18x14.5
M27	20x16	M36	20x15		
M30	20x16	M42	21x17		
M33	22.4x18	M48	23x17		
M36	25x20				
M39	28x22.4				
M42	28x22.4				

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

