



# Drilling & Tapping Machine



A multi-material synchronous servo drill-tapping machine with speed adjustment functions.



DTM  
16



DTM  
12



## A multi-material synchronous servo drill-tapping machine with speed adjustment functions

We developed the world's first built-in spindle type synchronous servo drill-tapping machine.

Because such design is a break from traditional machines with no belt or gear reduction mechanisms.

And possess low speed, high torque, high efficiency and low temperature elevation for faster machining.

Even under extreme repetitive use, machining quality is still excellent.

When in use, the machine can according to different material's hardness and the size of the drill-tapping to adjust to the optimum machining speed.

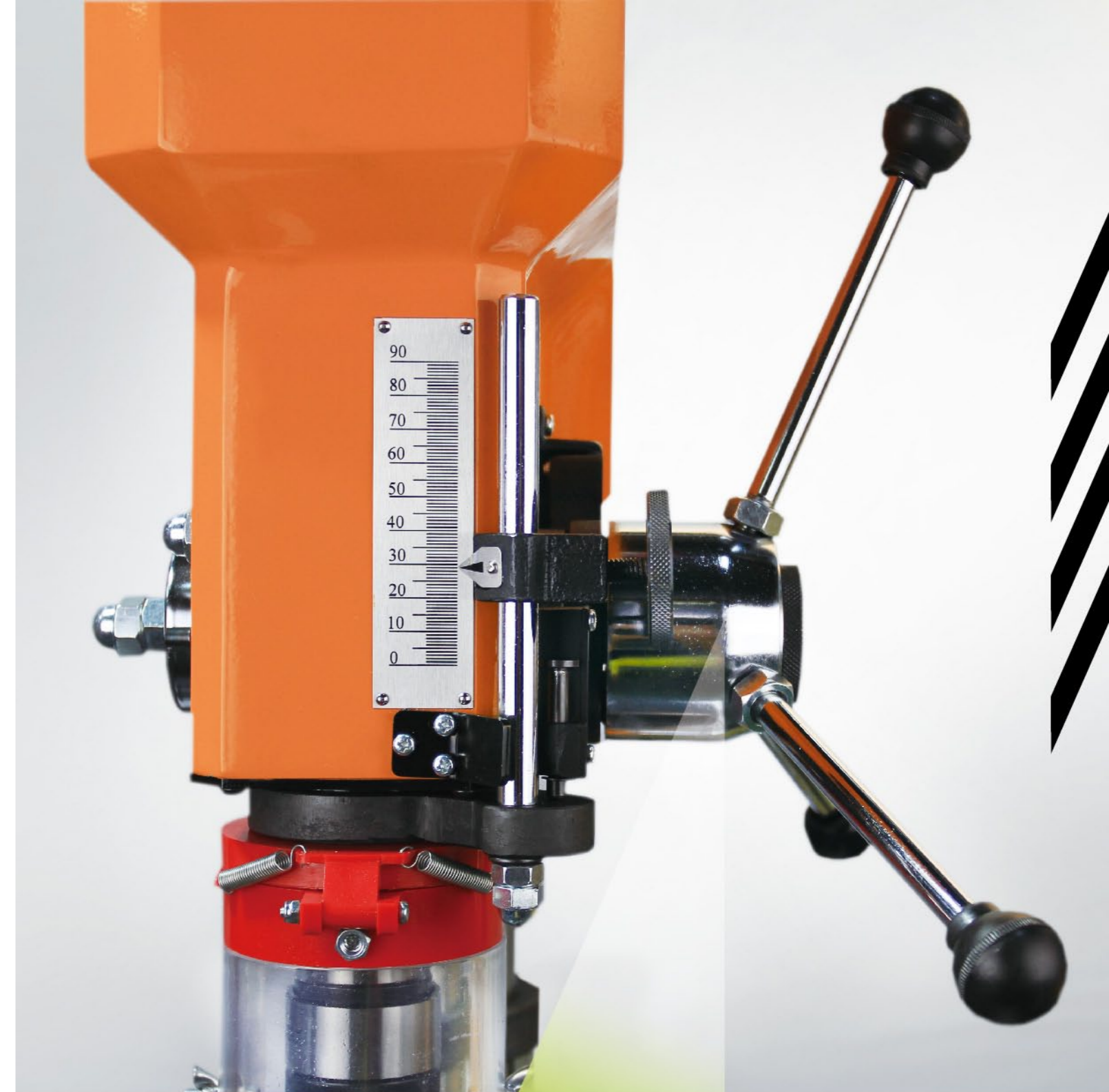
And can satisfy low volume or high volume production according to customer needs.

Our R&D also developed an all-new driver to enable different functional settings.

And we also provide many optional equipment.

Customers will notice our efforts in designing each component carefully and ensure its ease of use.

This all came from our philosophy in perseverance since 1976.



Depth adjustments

Easily interchangeable tapping set-up





CE PATENT



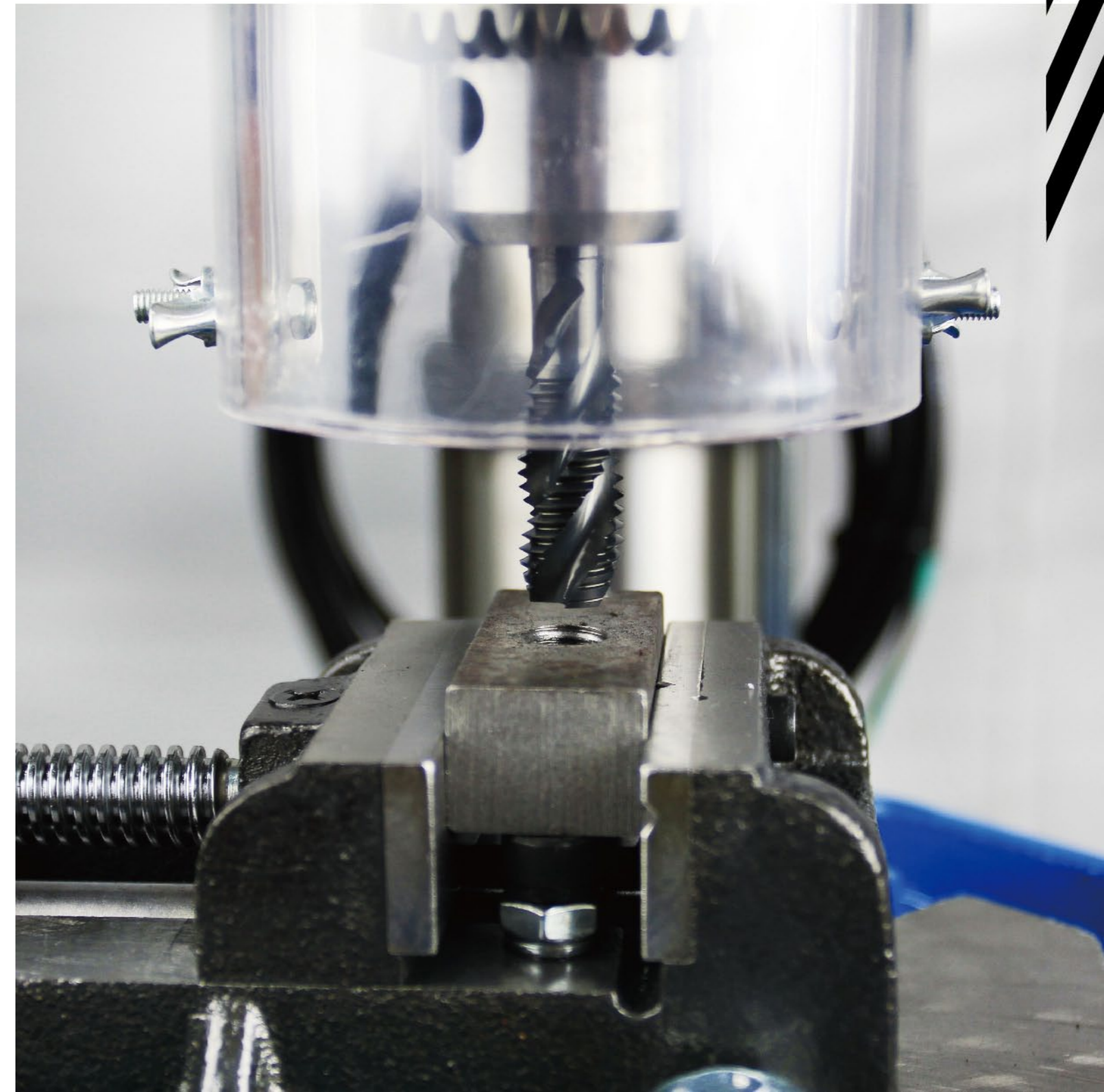
UL PATENT

Simple operation interface

Precision easily fixture



- 1 Use built-in spindle type Synchronous Servomotor with the motor features of low speed, high torque, and low temperature elevation. It has no belt and gear reduction mechanism and can be easily operated, speed locked, and rapidly processed.
- 2 It has 20% more yield compared with traditional machines, and drill heads and nut forges also have 20% longer life cycle. It is also 70% more electricity-saving
- 3 It has passed the CE Certification on the newest standard and the safest items, such as: emergency stop, electric leakage protection and safety cover. The driver has included the protections of voltage, temperature, current, overload and stalling.
- 4 230mm ultra-large throat capacity.
- 5 Can quickly adjust spindle speed, change the function of drilling or tapping.
- 6 Can quickly set up the depth of drilling or tapping.
- 7 Can chamfer in extremely low speed to extend the life of chamfering cutter.
- 8 The tapping assist tool is optional.





# DTM 12

## Drilling & Tapping Machine



### Model : DTM-12

Input power :	Changeable single phase 220V/three-phase 220V
Amp :	single phase 7A/three-phase 3A
Servo Motor Input:	DC310V
Output :	750W
Spindle speed :	100~1800rpm
Maximum tapping capability:	Max. M12(1/2") (material : S45C)
Maximum drilling capability:	Max. 22mm(7/8") (material : S45C)
External dimensions :	L*W*H = 575 X 380 X 1,130 mm(22.6"*15"*44.5")
Can optionally select :	Round-table diameter 350mm(13.8"), or Square-table dimension with 290*290mm(11.4"*11.4")
Weight :	69Kg

# DTM 16

## Drilling & Tapping Machine



### Model : DTM-16

Input power :	Changeable single phase 220V/three-phase 220V
Amp :	single phase 7A/three-phase 3A
Servo Motor Input:	DC310V
Output :	750W
Spindle speed :	100~550rpm
Maximum tapping capability:	Max. M16(5/8") (material : S45C)
Maximum drilling capability:	Max. 26mm(1") (material : S45C)
External dimensions :	575 X 380 X 1,130 mm(22.6"*15"*44.5")
Can optionally select :	Round-table diameter 350mm(13.8"), or Square-table dimension with 290*290mm(11.4"*11.4")
Weight :	72Kg





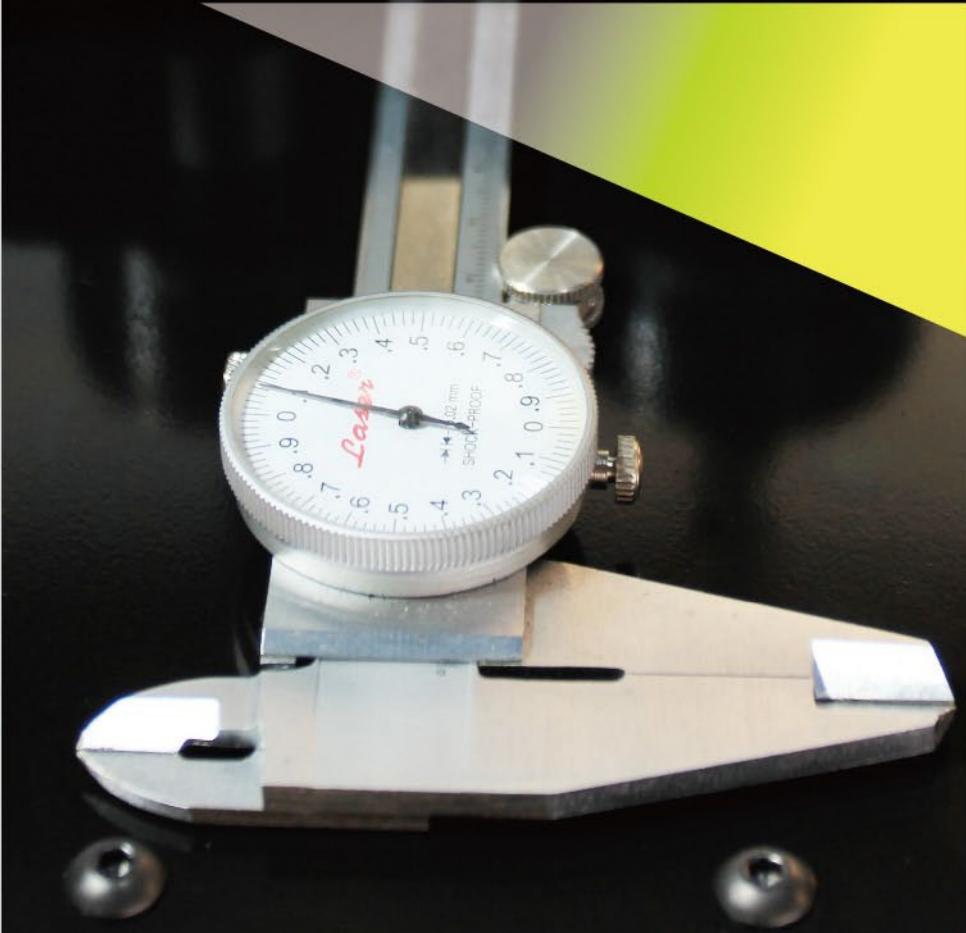
Surface available for placing drill heads, tap forges and calipers



Easily interchangeable tapping set-up



Sophisticated drill head / tap forge plug



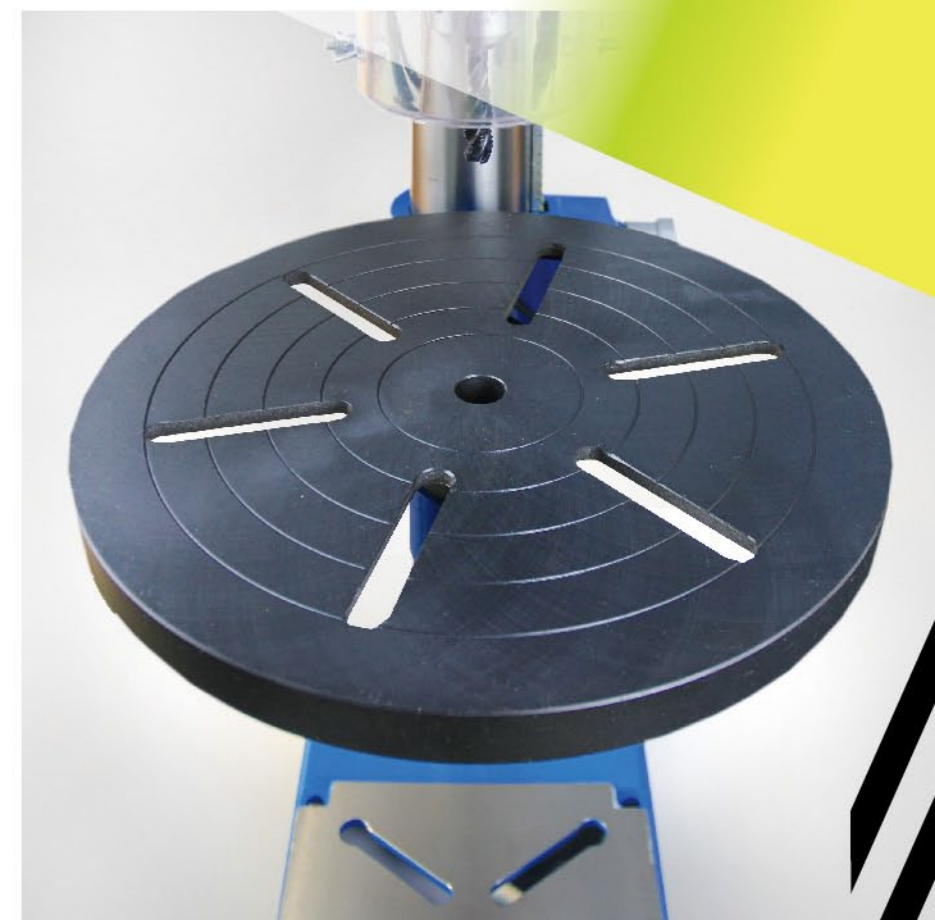
Square table set-up



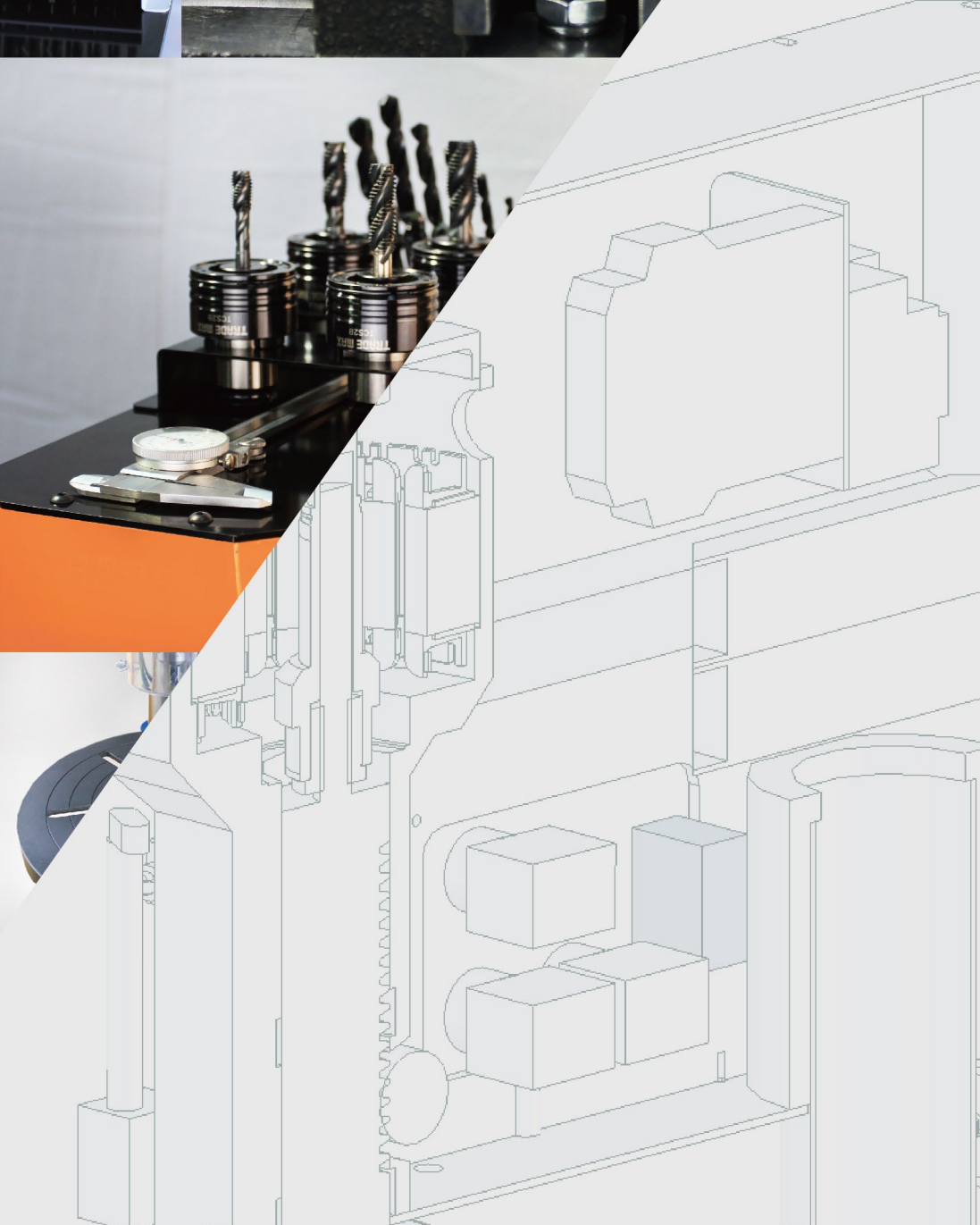
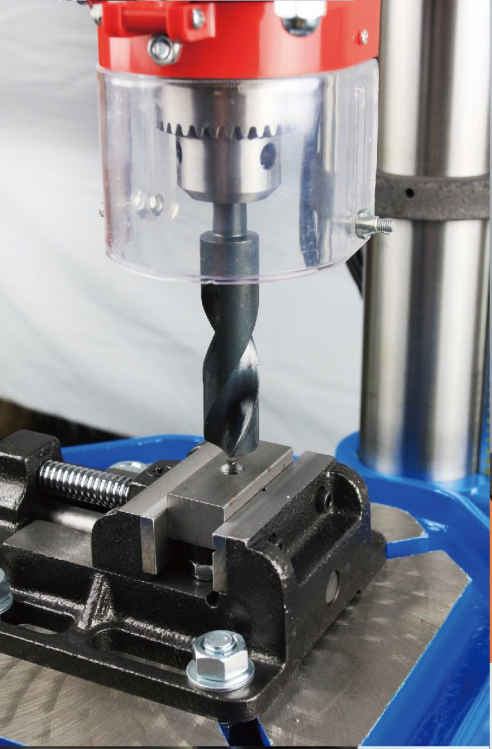
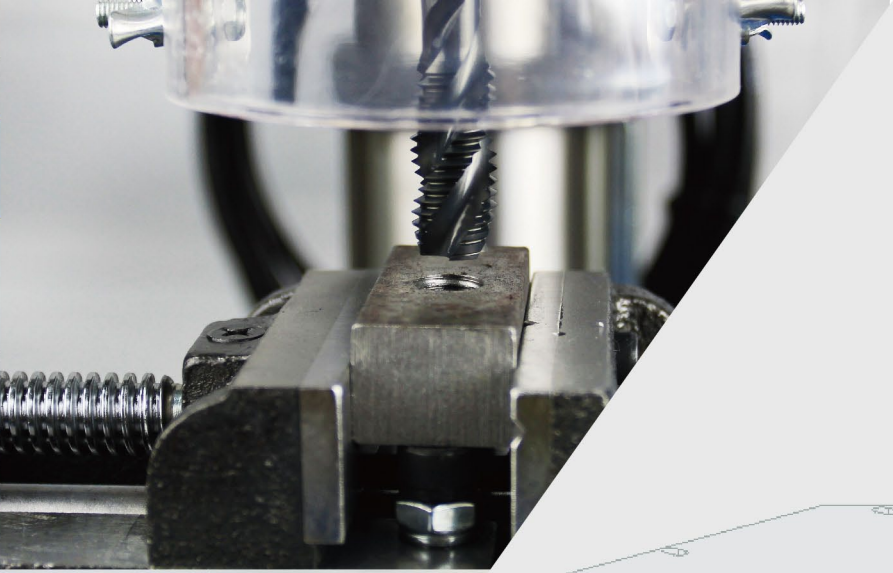
Round table set-up



Precision easily fixture







**DTM-**

**SAFETY INSTRUCTIONS**

1. Do not operate the machine without all guards.
2. Make sure the machine is properly grounded.
3. Do not touch the rotating parts.
- 4.



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