



Technological innovation/win-win cooperation

东莞市图灵自动化科技有限公司

Dongguan Turing Automation Technology Co., Ltd

our products:

tape wrapping machines, wire twisting machines, pipe cutting machines, various terminal crimping machines, computerized wire cutting and peeling machines, tape cutting machines and other wire harness processing equipment

Technology creates the future/strength creates the brand

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胶布缠绕机系列

tape wrapping machine

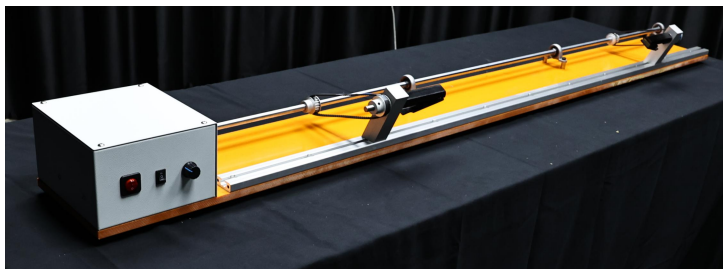
Tape winding machine series

胶布缠绕机系列

Model : TR-303C

Coupled tape wrapping machine, full tape wrapping machine suitable for slender wires, acetate tape with or without release paper available.

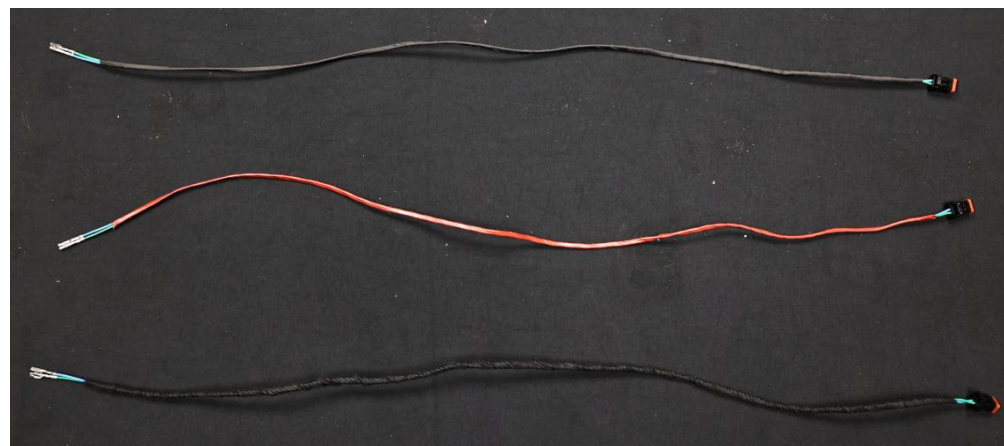
The winding speed is adjustable, efficient and stable, and the machine length can be customized according to the product.



Recommendation:

Use a smart tape machine **TR-303X** for wires above 3 meters.

No.	machine length (mm)	suitable wire length (machine length is total 600mm)
1	1300	750mm
2	800	200mm
3	1800	1200mm
4	2600	2000mm
5	3600	3000mm
6	6000	5400mm



Tape Winding Machine (key board)

胶布缠绕机(按键板)

Model: TR-303

Machine Size	● 400*370*320mm
Applicable tapes	● velvet tape, acetate tape, electrical tape, polyester tape
Tape width	● 5-25mm (other sizes need to be customized)
Tape inner hole size	● $\Phi 37$, $\Phi 32$. $\Phi 76$ is usually equipped with $\Phi 37$ (other please inform him of his size in advance).
Host speed (rev/min)	● 300-2500 continuously adjustable
Applicable maximum wire diameter	● $\Phi 25$ mm
Winding length	● unlimited
Voltage	● 220V/110V
Weight	● 15KG
Function	● This tape machine is suitable for short-distance winding, convenient and fast.



Tape Winding Machine (touch screen version)

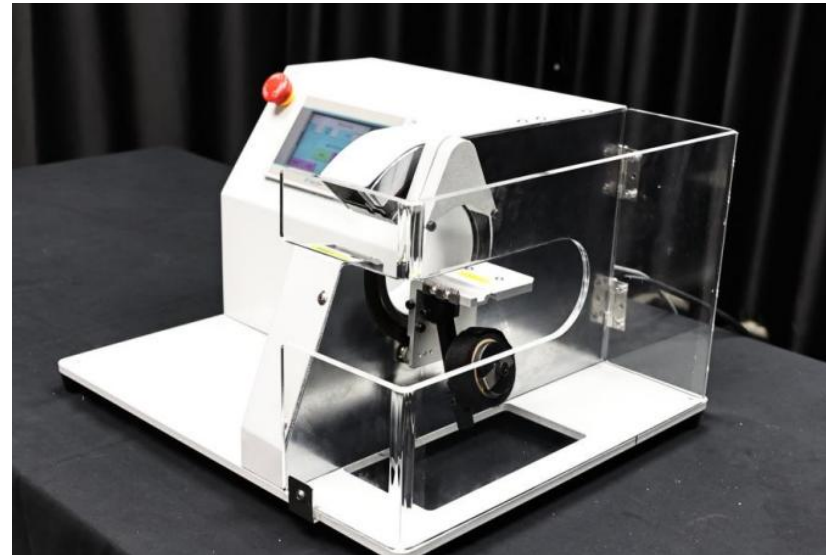
胶布缠绕机（触摸屏版）

Model: TR-303T

Machine size	● 430*380*260mm
Winding method	● spiral winding
Applicable wire diameter	● Φ3MM-25MM
Host speed (rev/min)	● 200-1400 rpm adjustable
Applicable tape	● PVC, vinyl, cloth, felt, tape, etc.
Tape outer diameter	● Maximum 110MM
Tape width	● 9-30MM
Tape inner hole size	● Φ38 (option Φ32) informed in advance
Winding length	● infinitely long
Voltage	● 220V/110V optional
weight	● 27KG

Machine functions:

- **Full wrapping:** The tape is overlapped and wrapped around the entire wire harness, and the area of the overlapping tape is manually adjusted;
- **Point wrapping:** The point where the tape wraps the wire harness according to the number of turns. The number of wrapping turns can be set to one, two or more turns.



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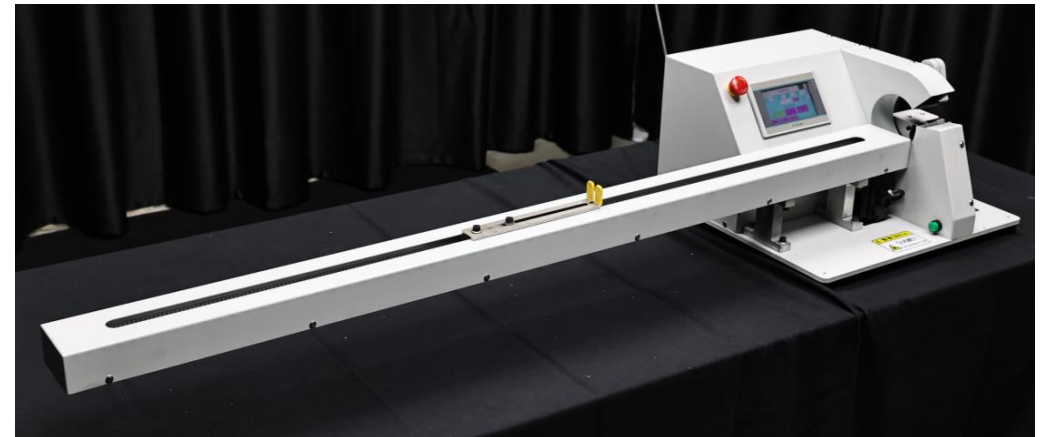
胶布缠绕机

Model : TR-303K

Machine Size	● 1470*38*28mm
Winding method	● Can be wrapped a little bit, can be wrapped completely
Applicable tape	● Velvet tape, acetate tape, electrical tape, polyester tape
Tape width	● 5-25mm (other sizes need to be customized)
Rubberized cable length	● 1050mm (longer can be customized)
Density of tape covering	● adjustable
Tape inner hole size	● $\Phi 37$, $\Phi 32$. Generally, they are equipped with $\Phi 38$. (For other sizes, please inform in advance)
Host speed (rev/min)	● 300-2500 continuously adjustable
Voltage	● AC220V/DC24V 50/60HZ
weight	● 36KG

Machine functions:

- Can be fully wrapped or a little wrapped. There are requirements for the winding length of the tape, and the winding requires the position accuracy to be: $\pm 1\text{MM}$.



Intelligent tape winding machine

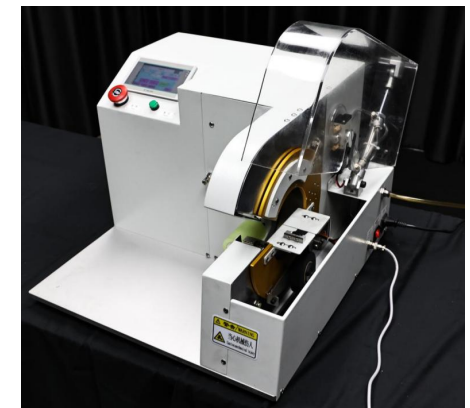
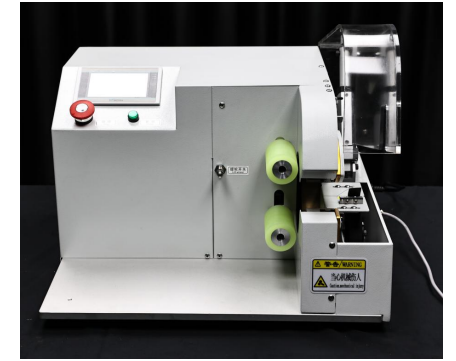
智能胶布缠绕机

Model : TR-303X

Machine size	● 560*500*350mm
Applicable maximum wire diameter	● Φ 30mm
Host speed (rev/min)	● 4500
Applicable tape	● Velvet cloth, waxed acid tape, electrical tape
Tape diameter	● Less than 100mm
Tape width	● 5-25mm (other sizes can be customized)
Tape inner hole size	● Φ 37 and Φ 32 are usually equipped with Φ 37. Please inform us in advance for other sizes
Winding length	● infinitely long
Voltage	● 220V/110V
weight	● 45KG

Machine functions:

- **Full wrapping:** The tape is overlapped and wrapped around the entire wire harness. The area of the tape overlapping and wrapping is adjustable. For example, the tape overlaps by one-half, one-third, and one-quarter.
- **Point wrapping:** The tape is wrapped around a point of the wire harness according to the number of turns. The number of wrapping turns can be set to one, two or more turns.
- **Flower wrapping:** When wrapping the wire harness with tape, do not overlap and wrap at a certain distance. The distance is adjustable.



Smart tape maker Plus high-end

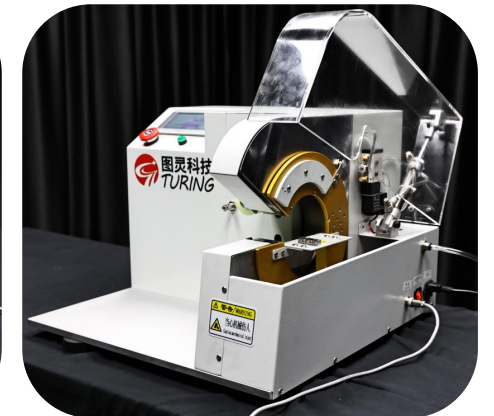
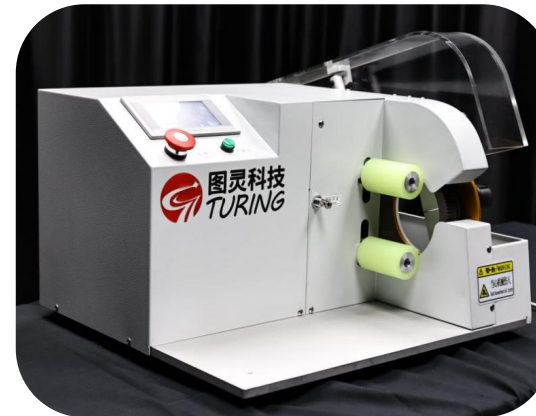
智能胶布机加高款

Model : TR-303XH

Machine size	● 560*540*390mm
Applicable maximum wire diameter	● Φ 40mm
Applicable tape	● Velvet cloth, waxed acid tape, electrical tape
Tape diameter	● If the diameter is less than 170mm, it can be wound with a wire diameter of 3-30mm, and if it is less than 140mm, it can be wound with a wire diameter of 3-40mm.
Tape width	● 5-25mm (other sizes need to be customized)
Tape inner hole size	● Φ 76 and Φ 37 are usually equipped with Φ 76. Please inform us in advance for other sizes
Winding length	● infinitely long
Voltage	● 220V/110V
Weight	● 55KG

Machine functions:

- **Full wrapping:** The tape is overlapped and wrapped around the entire wire harness. The area of the overlapped tape is adjustable. For example, the tape is overlapped into two parts. One, one third, one quarter.
- **Point wrapping:** The tape is wrapped around a point of the wire harness according to the number of turns. The number of wrapping turns can be set to one, two or more turns.
- **Flower wrapping:** When wrapping the wire harness with tape, do not overlap and wrap it at a distance. The distance is adjustable.



Hand-held tape winding machine

手持式胶布缠绕机

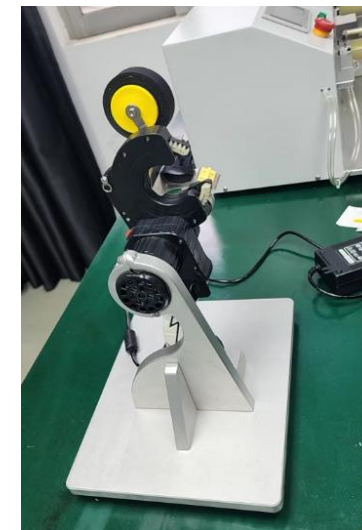
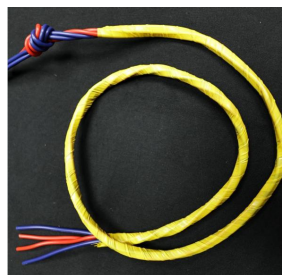
Model : TR-JC32

Devic name	Portable electric tape wrapping machine
Voltage	● 100 to 240V 50/60HZ
size	● W320*L130*H120mm
Tape wrapping method	● spiral winding
Applicable tape	● PVC, vinyl, cloth, felt, tape, etc.
Applicable outer diameter	● 3 to 20 mm
Tape width	● 9 - 19mm
Tape outer diameter	● Maximum 110mm
Tape inner diameter	● 3 8 / 32 optional
Winding direction	● left or right



Machine features:

- You only need to press the button on the main unit twice to wind the tape into a spiral.
- It can be used anywhere in the world, from 100V to 240V, it is strong and lightweight and will not get tired,
- The tape can be wound continuously to the left or right. After winding, the tape automatically returns to the starting position and waits for the next operation.
- Supports both right- and left-handed workers. Can perform tape wrapping operations on wire harnesses, wires, cables, tubes, etc.



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点缠胶布机

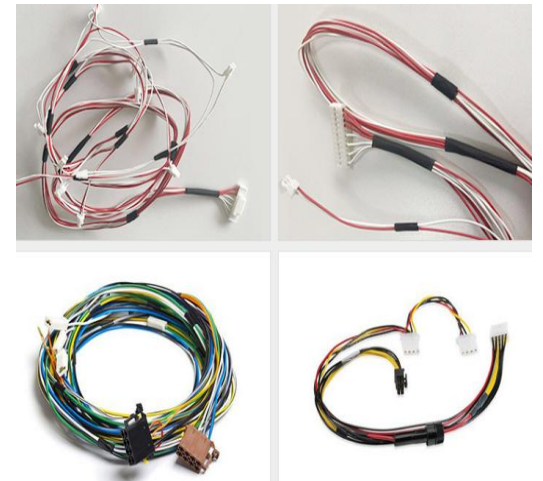
Model: TR-303A

Device name	● Single point tape wrapping machine
Machine size	● 530*400*510mm
Applicable tape length	● 30-50mm
Applicable tape width	● 25-45mm
Air pressure	● 0.4MPa
Voltage	● 220V/110V
Machine weight	● 48KG
Other functions	● Positioning rod and take-up reel available as options



Machine features:

- This machine uses working wheels to automatically wrap the tape around the wire harness to achieve the purpose of bundling. It has the characteristics of agile bundling and high efficiency.



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点缠胶布机

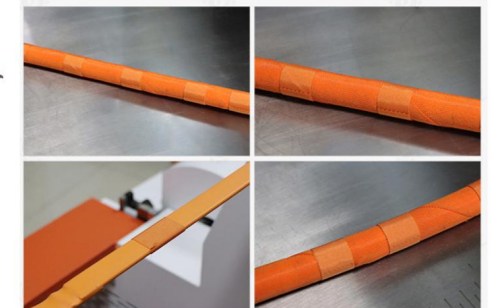
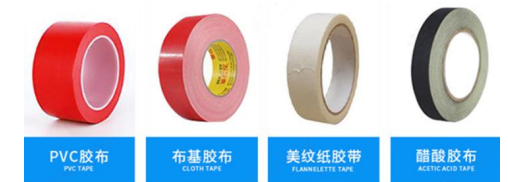
Model : TR-M1

Device name	● Automatic multi-point tape wrapping machine
Machine size	● 800*560*600mm ((excluding cable tray)
Adaptable tape	● PVC, cloth tape, acetate cloth tape, etc.
Tape width	● ≤25mm (can be customized if exceeded)
Tape cutting length	● Tape outer ring diameter ≤100mm (customized if required)
Number of winding turns	● Adjustable
Applicable wire	● 6-30mm
Distance from end position	● The distance between the edge of the tape and the end of the workpiece ≥50mm
Work efficiency	● About 4-6S/point (the efficiency varies depending on the number of winding points)
Operating temperature	● 0-40°C (ambient temperature)
Working pressure	● 0.4-0.6Mpa
Gas loss	● 2L/min
Voltage/power	● AC220V 50Hz/500W
Machine weight	● About 90KG
special requirements	● This model can only be used for hard wires or round pipes without bifurcation or obstruction between winding points.



Machine features:

- This machine is a multi-point winding machine for a single hard pipe or hard wire. It is controlled by a Mitsubishi servo motor. The winding spacing is adjustable. The more points, the faster the speed. It is accurate and has a long service life. It can wrap round wires, flat wires, and copper sheets. , multiple points and machine length can be customized according to non-standard product length. It is easy to operate, has good wire harness winding stability, and has automatic clamping, winding, and finishing functions.



Winding effect of adhesive

胶布机缠绕效果



Various processing modes

Application

点缠 (停止包扎) Wrap around (stop)



密缠 Dense winding



1/2 重叠缠绕 1/2 overlapping winding



压边缠绕 Pressure side winding



花缠 Flowers wrapped



分支缠绕 Branch winding



合并缠绕 Merge winding



间隔缠绕 Interval winding



Patent certificate of adhesive

胶布机类专利证书

