



Technological innovation/win-win cooperation

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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Tape Wrapping Machine Series

Model : TR-JC28/JC29

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.

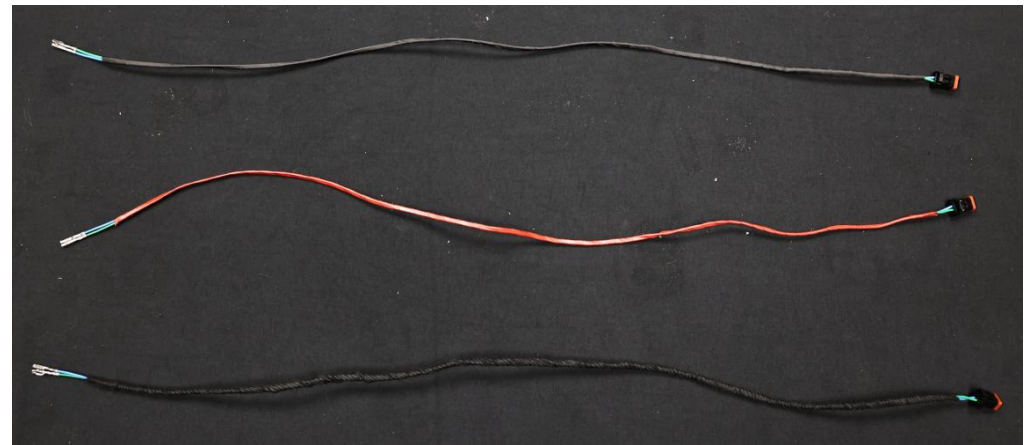


TR-JC28 Twisted Tape Wrapping Machine

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



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.



Model: TR-303T

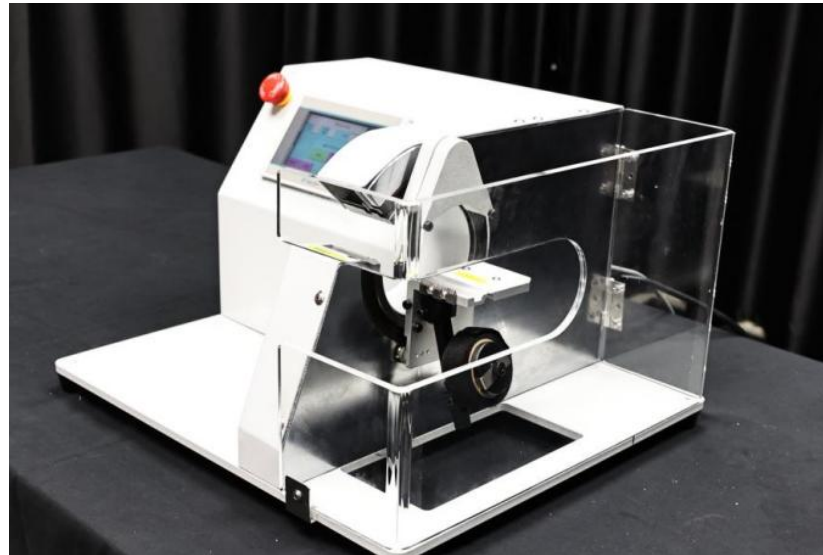


TR-303T normal small tape wrapping machine

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.



Electric Massage Chair Motor Tape Wrapping Machine

Model: TR-304

Equipment Name	Electric Massage Chair Motor Tape Wrapping Machine
Processing Capacity	3-5s/Pcs
Scope Of Processing	Customized According To Product, Max, Outer Diameter 60mm
Type Of Adhesive Tape	High Temperature Resistant Adhesive, Electrician's Adhesive, Etc
Machine Size	L600mm X W400mm X H360mm
Width Of adhesive Tape	10-25mm
Tape Rejoining accuracy	Deviation ± 0.5 mm
Power Supply	Single-Phase/Three-Phase Ac220v
Compressed Air	0.5mpa
Operating Temperature	5'c~40'c Ambient Temperature
Operating Humidity	30%~80%Rh No Condensation
Warranty Period	2000 Hours Or 1 Year (Except Consumable Parts)

Machine advantages:

1. You only need to put in and take out the motor manually, and the machine will automatically wrap the tape, saving labor.
2. Customize the tool according to the motor and clamp the sensor to ensure the position of the sensor. Accurate.
3. Simple tape feeding mechanism, which can be flexibly adjusted according to the width of the tape.
4. The speed is fast, one product can be wrapped in 6-7 seconds, saving 3-4 manpower.
5. Foot switch control, touch screen, the system is simple and easy to operate.



TR-304 Electric Massage Chair Motor Tape Wrapping Machine

Pneumatic plate coil single point tape wrapping machine

Model: TR- 305

Equipment name	Pneumatic plate coil single-point tape-wrapping machine
Processing diameter	1-10mm (other sizes or offsets can be customized)
Processing capacity	1200-1800pcs/h
Tape rejoining accuracy	±0.5mm
Size	L 260mm x w 500mm x h 475mm
Weight	≈18kg
Pneumatic	6kg
Working	5°C~40°C ambient temperature
Temperature	
Working humidity	30%~80%rh no condensation
Power supply	Single-phase/three-phase ac220v
Delivery tape length	100mm
Width of tape	8-20mm

Machine advantages:

1. For motor coils, the wiring width is narrow, the tape is narrow, and flat products are wrapped with tape.
2. The machine is small and exquisite, saving space. The installation of internal accessories is compact and reasonable.
3. Suitable for tapes of different materials with a width of 5-15mm, such as high temperature tape, acetic acid tape isolation substrate tape, and isolation substrate recycling tape. Flannel tape, electrical tape, etc.
4. Suitable for electrical wrapping of products with small spacing.
5. Uniquely designed tape clamps to prevent the tape from shaking left and right. The left and right alignment of the tape is high, and the tape overlap accuracy: deviation 0.5mm.
6. Equipped with multiple heat sinks Fan to ensure stable operation of the machine.
7. The wire harness is wrapped with tape and can be equipped with a positioning device.
8. The flat cables are wrapped with tape and will not be rolled into prototypes, but will have a flat effect.
9. Chinese and English system touch screen, simple and convenient operation



TR-305 Pneumatic plate coilsingle-point adhesive tape winding machine

new energy single-point tape wrapping machine

Model: TR- 307

Equipment name	New energy single point adhesive tape machine
Processing capacity	5-85/pcs
Processingspecifications	Square: 10*20mm(max)round: 20mm diameter(max)
Weight	Approx.40kg
Tape width	10-25mm
Tape reclosingaccuracy	Deviation +0.5mm
Control mode	Fully digital control
Power supply	Single-phase/three-phase ac220v
Compressed air	0.5mpa
Working temperature	5°c~40°c ambient temperature
Working humidity	30%~80%rh no condensation
Size	L500mm xw650mm xh520mm

Machine advantages:

1. It can be used for fixed-point wrapping of flat products, and the wrapping position is precise..
2. 2 cooling fans to protect machine accessorie's life
3. The exclusive patented design of the tape wrapping device can Move forward and backward, automatically tape and cut. 2 auxiliary clamps clamp the product to ensure Tape effect and position accuracy



TR-307 New energy single-point adhesive tape machine wrapping machine

Model: TR- 308

New Energy with Tape Wrapping Machine The length of tape can be freely customized

Equipment name	TR-308 New Energy Tape Wrapping Machine
power supply	Single-phase/three-phase AC220V
function	Automatic shifting tape wrapping: 1.The number of points/distance is manually adjustable 2.The number of wrapping turns is adjustable.
Processing capacity	360 pcs/hour
Processing specifications	Square:15*20mm(max)Round:20mm diameter(max)
Max. processing length	limitless
Width of adhesive tape	5-30mm
Operating Temperature Range	5-40°Cambient temperature
Equipment Size	650x500x530mm(L*W*H)
warranty period	2000 hours or 1year (except consumable parts)
compressed air	0.5MPa
control method	Full digital control
Min.processing length	130mm
Adhesive tapeoverlap accuracy	Deviation +0.5mm
Operating humidity range	30%-80%RHNo condensation
Equipment weight	Approx.50kg



TR-308 New Energy with Tape Wrapping Machine The length of tape can be free...



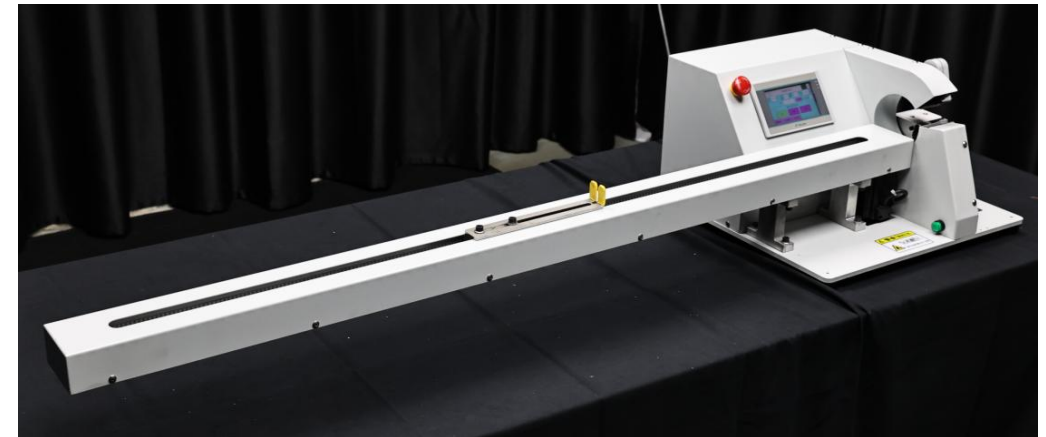
TR-303K semi-automatic wire-wrapping machine

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:

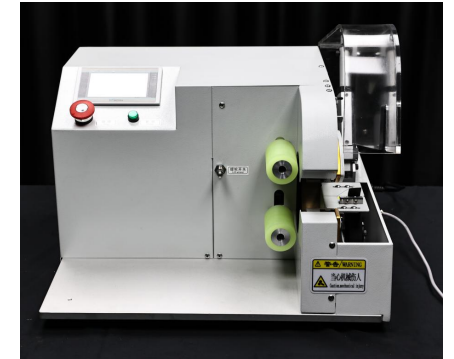
- **Can be fully wrapped or a little wrapped. There are requirements for the winding length of the tape, and the winding requires the position accuracy to be: $\pm 1\text{MM}$.**



Model : TR-303X



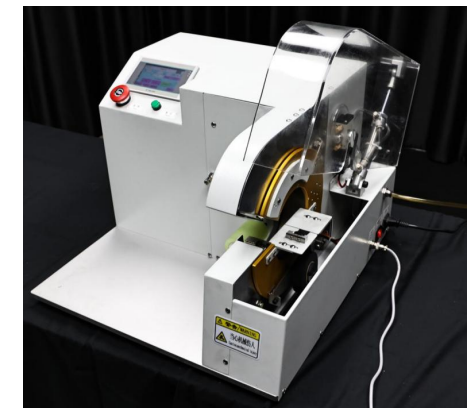
TR-303X normal tape full wrapping machine



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.





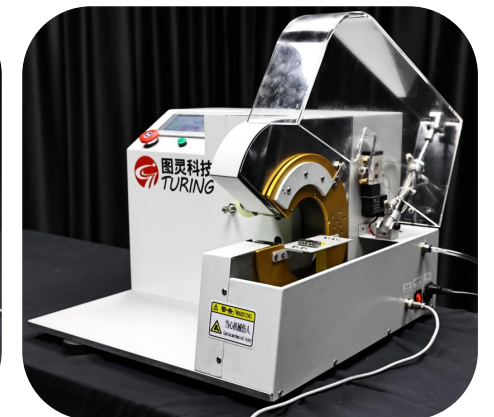
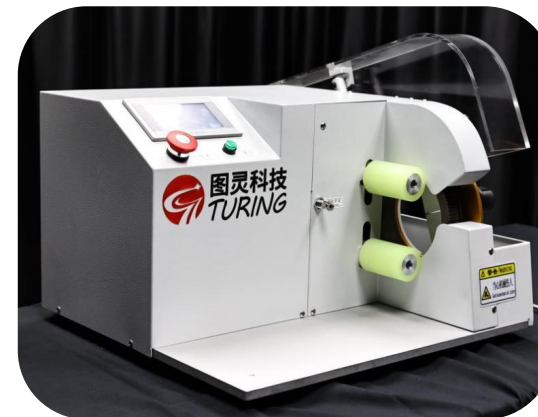
TR-303XH Higher tape full wrapping machine

Model : TR-303XH

Machine size	● 560*540*390mm
Applicable maximum wire diameter	● $\Phi 40$ mm
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	● $\Phi 76$ and $\Phi 37$ are usually equipped with $\Phi 76$. 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.





TR-JC32 handheld tape wrapping machine

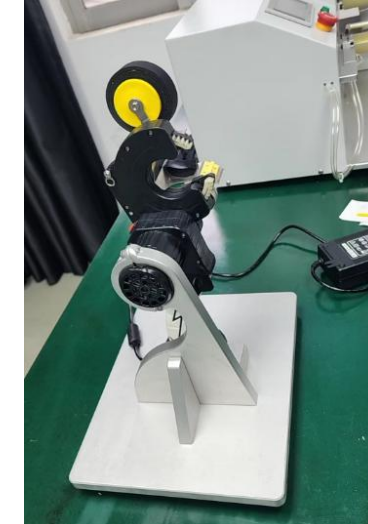
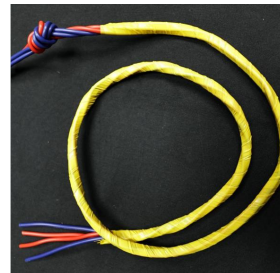


Model : TR-JC32

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.



Point Tape Wrapping Machine

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

Working Video

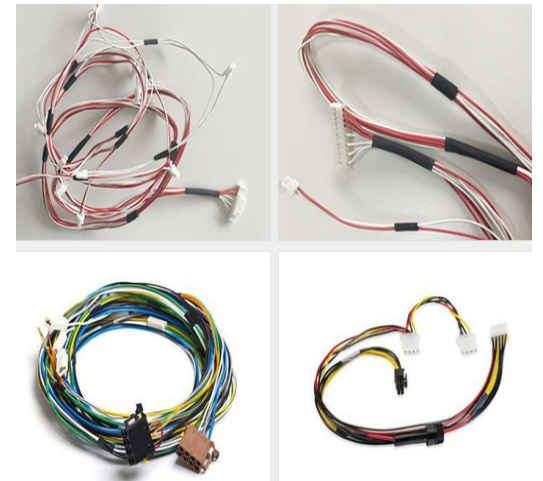


TR-303A point wrapping machine



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.



Model : TR-M1



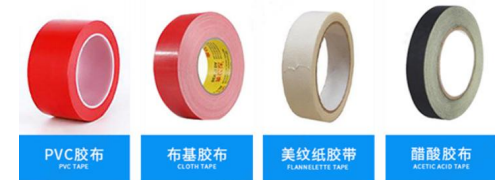
TR-M1 new energy wire harness multi-point tape wrapping machine



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.**



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

