



GREWIN INDUSTRIAL GROUP CO.,LTD.

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Name:GWM-0620 Gear Toroid Winding Machine



Specification

Wire diameter	0.70—3.0	Max.winding speed	200rpm
Max.final coil.O.D	φ80—300	Wire spacing	Proportional linkage
Min.final coil.I.D	φ50	Supply voltage	AC 220V (50Hz)
Max.final coil height	150	Mechanical dimensions	550×500×820
Controller storage capacity Programs	29 set	Weight	98kg

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Features:

At present, the different winding methods can be roughly divided into three categories

A, semi-automatic ring winding machine

B, simple traction ring winding machine, also known as crochet winding machine

C, automatic mini magnetic ring winding machine

Semi-automatic ring winding machine consists of the head, fixture, frame and other three parts, the so-called head, is winding group, fixture is clamping magnetic ring part, the frame is electrical control part, and according to the diameter of the thickness can be divided into gear type, belt type, edge slide type and round belt type; They all correspond to a certain line diameter range,

Gear type applicable wire diameter range (1.0mm-3.0mm);

Belt type applicable wire diameter range (0.25mm-1.0mm);

Edge slide type is suitable for the wire diameter range (0.06mm-1.0mm);

Round belt type is generally only for products with fine wire diameter (0.05mm-0.15mm);

But not on a computer, the same nose only after the replacement of different specifications of the line storage ring for different wire diameter, different inner diameter of the product, and fixture also have corresponding clamping range, generally a person operating a machine, of course, if the number of turns very much, that a person can operate more than one, in principle, line storage ring in the circular inner hole through the work, So when the inner hole of the magnetic ring is very small, or even greater than the width of the storage line ring, this kind of product is impossible to be completed on this kind of machine, there is a common mode inductor, common mode inductor line diameter arrangement has certain rules and requirements, the line diameter is slightly thick (0.3mm or above) is also difficult to achieve on this machine.

Advantage:

General semi-automatic ring winding machine has the following consumable parts need to be replaced frequently:

- (1) Line storage ring, Shuttle, one of the most important parts on the nose, used to complete line storage and winding work; Its quality directly affects the service life, indirect cost and the quality of winding products.
- (2) Support wheel, also called guide wheel, different head support wheel number is not the same, its material and service life is directly related.
- (3) Fixture roller, the life of this part is related to the wire diameter, size and material of the products wound.
- (4) Belt, edge slider and other consumable parts.

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After the purchase of ring winding machine, according to the wire diameter and size of the production products to replace different storage ring and support wheel, because the copper wire has always slipped out of the storage ring side, the storage ring force is uneven, after a certain time to replace the storage ring and support wheel can continue to produce!

APPLICATION:

Toroid Winding Machine is the best suited to toroidal inductor, toroidal transformers,toroidal current transformers,toroidal coil, toroid choke coil, power inductors,UPS inductor,converter inductor and heavy toroidal core etc.



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PRACTICAL APPLICATION :

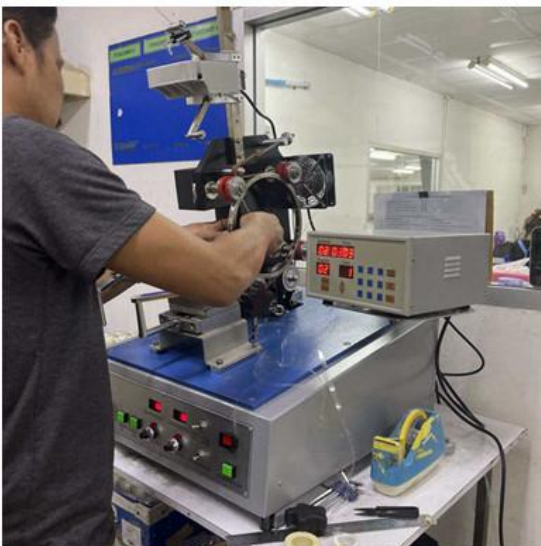
TRAINING CUSTOMER TO OPERATE WINDING MACHINE :

1.All service engineers with 10 years experience are gotten special technology training, who can deal with various break down problem.

2.Guide the user to use accurately and how to maintain the product.

Provide free consultation about production process technology of electronic products.

3.In order to guarantee the machine used normally, we'd have training on how to operate, use and maintain our product by English manual, video, guiding on line.



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PACKAGING:

Packaging Material: Carton/Wooden case with foam inside.

1.General package(Paper carton or plastic bag): For small equipped parts for Toroidal Transformer Winding Machine , Package it with form and pack paper to guarantee unbroken during the transport.

2.Wooden case package: For larger scale Toroidal Winding machine ,we have special skilled carpenter, who would make the proper wooden case with exact thickness,density,length. The up arrow ↑marked on the outer wooden case. Buffer material would be put in the wooden case to prevent crack and shock.



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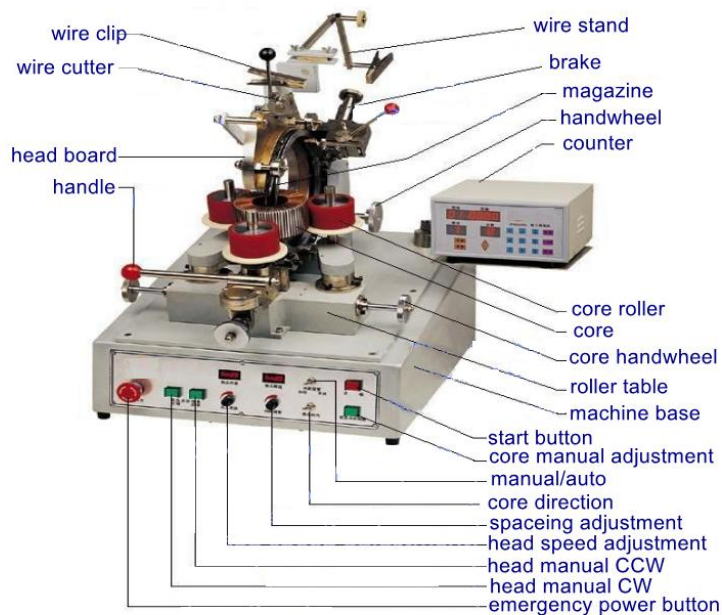
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Below is the name of all listed accessories for the machine and construction diagram.

(Note:Different machines have different equipped parts)

FREQUENCY CONVERTER	IRON COUNTER
BIG GEAR RING	HAND RING GEAR
INTERFACE GEAR	MAINSHAFT GEAR
IMPORTED BEARING	WIRE PULLEY
WIRE GUIDER BASE	GREEN SWITCH
POTENTIOMETER	LEFT RIGHT SWITCH
TRANSDUCER PNP	COUNTER WIRE
CASE CIRCUIT BOARD	THE BOARD OF THE CASE BACK
CONTROLLER	TAPE CUTTER
BRAKE UNIT	WIRE GUIDE WHEEL
DISPLAY AND CONTROLLER FOR MAGAZINE ROTATION	WIRE GUIDE HOLDER
FOOT PADALS	PCB BOARD FOR FOOT PADALS
LEATHER BELT	LEATHER PAD
FAN	SPRING FOR TAPE



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FACTORY:

We-GREWIN INDUSTRIAL GROUP is expert in winding machines lines for 28Years. Our Grewin have ISO9001:2015,C E approvals,Machines'Patents,"high-tech enterprises"by the government.



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