

# Suzhou Degu Machinery Co., Ltd

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**10** Years  
of focus

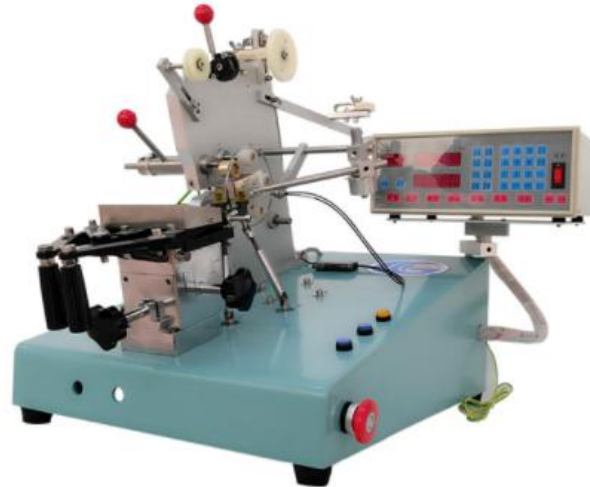
**FOCUS ON POWER  
EQUIPMENT SERVICE**

## **PROFESSIONAL RING WINDING MACHINE SOLUTION**

Provide automatic winding machine research and development,  
production, sales, one-stop service support



# DG-604A 4 inch side sliding toroidal core winding machine



## Product parameters:

Applicable wire diameter: 0.05-0.35 mm  
Maximum number of revolutions: 1600 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 40kg  
Minimum completed inner diameter: 5.0mm

## Features:

1. Environmental protection, low noise and high efficiency;
2. Save the data for more than one year, and have power-down protection function;
3. can choose different cable direction, winding angle and segmentation angle;
4. photoelectric sensor switch technology, high precision, accurate circle length;
5. stepper motor cable, the spacing can be precisely controlled;

## Scope of application:

Suitable for all kinds of ring type inductors, transformers, Japanese-type transformers, inductors, relay coils

# DG-604AS 4 inch side sliding double count toroidal core winding machine



## Product parameters:

Applicable wire diameter: 0.05-0.35 mm  
Maximum number of revolutions: 1600 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 40kg  
Minimum completed inner diameter: 5mm

## Features:

1. Environmental protection, low noise and high efficiency;
2. Save the data for more than one year, and have power-down protection function;
3. can choose different cable direction, winding angle and segmentation angle;
4. photoelectric sensor switch technology, high precision, accurate circle length;
5. stepper motor cable, the spacing can be precisely controlled;
6. using two sensors to count, the counting is more accurate, reducing the rear measuring circle artificial;

## Scope of application:

Suitable for all kinds of ring type inductors, transformers, Japanese-type transformers, inductors, relay coils

# DG-606AS 6 inch side sliding double count toroidal core winding machine



## Product parameters:

Applicable wire diameter: 0.05-0.35 mm  
Maximum number of revolutions: 1600 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 40kg  
Minimum completed inner diameter: 6mm

## Features:

1. Environmental protection, low noise and high efficiency;
2. Save the data for more than one year, and have power-down protection function;
3. can choose different cable direction, winding angle and segmentation angle;
4. photoelectric sensor switch technology, high precision, accurate circle length;
5. stepper motor cable, the spacing can be precisely controlled;
6. using two sensors to count, the counting is more accurate, reducing the rear measuring circle artificial;

## Scope of application:

Suitable for all kinds of ring type inductors, transformers, Japanese-type transformers, inductors, relay coils

# DG-606A 6 inch side sliding toroidal core winding machine



## Product parameters:

Applicable wire diameter: 0.05-0.35 mm  
Maximum number of revolutions: 1600 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 40kg  
Minimum completed inner diameter: 6mm

## Features:

1. Environmental protection, low noise and high efficiency;
2. Save the data for more than one year, and have power-down protection function;
3. can choose different cable direction, winding angle and segmentation angle;
4. photoelectric sensor switch technology, high precision, accurate circle length;
5. stepper motor cable, the spacing can be precisely controlled;

## Scope of application:

Suitable for all kinds of ring type inductors, transformers, Japanese-type transformers, inductors, relay coils

# DG-606AY1 6 inch side sliding rectangular toroidal core winding machine



## Product parameters:

Suitable diameter: 0.05-0.35 mm

Maximum revolutions: 1600 rpm

Number of spool: 1

Spindle motor: DC 370W

Line motor: 9V Stepping Motor

The line diameter can be set up: 0.01-9.99mm

Net weight: about 42kg

Minimum finish diameter: 20\*20mm (length \* width)

## Product characteristics:

- 1, environmental protection, low noise and high efficiency;
- 2, save data for more than one year, and have power fail protection function.
- 3, you can choose different row direction, winding angle and sectional angle.
4. Photoelectric induction switch technology has high accuracy and accurate number of rings.
5. Stepper motor wiring, spacing can be accurately controlled;
- 6, products that can be quadrangular.

## Scope of application:

High frequency ring inductance, closing inductor and differential mode inductor



# DG-608A1 8 inch side ring type toroidal winding machine



## Product parameters:

Applicable wire diameter: 0.2-0.5 mm  
Maximum number of revolutions: 800 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 42kg  
Minimum completed inner diameter: 12mm

## Features:

1. Environmental protection, low noise and high efficiency;
- 2, the amount of storage line can be oversized
- 3, can choose different cable direction, winding angle and segmentation angle;
- 4, photoelectric sensor switch technology, high precision, accurate circle length;
- 5, stepper motor cable, the spacing can be precisely controlled;

## Scope of application:

Suitable for all kinds of ring type inductors, transformers, Japanese-type transformers, inductors, relay coils, Hall sensors



# DG-608A 8 inch side sliding toroidal core winding machine



# DG-608AY1 8 inch side sliding rectangular toroidal core winding machine



## Product parameters:

Suitable diameter: 0.12-0.35 mm

Maximum revolutions: 1200 rpm

Number of spool: 1

Spindle motor: DC 370W

Line motor: 9V Stepping Motor

The line diameter can be set up: 0.01-9.99mm

Net weight: about 42kg

Minimum finish diameter: 20\*20mm (length \* width)

## Product characteristics:

- 1, environmental protection, low noise and high efficiency;
- 2, the storage capacity can be super large.
- 3, you can choose different row direction, winding angle and sectional angle.
4. Photoelectric induction switch technology has high accuracy and accurate number of rings.
5. Stepper motor wiring, spacing can be accurately controlled;
- 6, products that can be tetragonal.

## Scope of application:

Applicable to all kinds of loop inductance coil, transformer, Japanese-type transformer, inductance coil, relay coil,

# DG-604B 4 inch belt type toroidal core winding machine



## Product parameters:

Applicable wire diameter: 0.18-0.5 mm  
Maximum number of revolutions: 1200 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 40kg  
Minimum completed inner diameter: 4mm

## Features:

1. Environmental protection, low noise and high efficiency;
2. Save the data for more than one year, and have power-down protection function;
- 3, can choose different cable direction, winding angle and segmentation angle;
- 4, photoelectric sensor switch technology, high precision, accurate circle length;
- 5, stepper motor cable, the spacing can be precisely controlled;

## Scope of application:

High frequency toroidal inductor, off mode inductor, differential mode inductor

# DG-606B 6 inch belt type toroidal core winding machine



## Product parameters:

Applicable wire diameter: 0.2-1.0 mm  
Maximum number of revolutions: 1200 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 40kg  
Minimum completed inner diameter: 5.5mm

## Features:

1. Environmental protection, low noise and high efficiency;
2. Save the data for more than one year, and have power-down protection function;
3. can choose different cable direction, winding angle and segmentation angle;
4. photoelectric sensor switch technology, high precision, accurate circle length;
5. stepper motor cable, the spacing can be precisely controlled;

## Scope of application:

Suitable for high frequency inductors, closed mode inductors, differential mode inductors

# DG-608B 8 inch belt type toroidal core winding machine



## Product parameters:

Suitable diameter: 0.25-1.5 mm

Maximum revolutions: 800 rpm

Number of spool: 1

Spindle motor: DC 370W

Line motor: 9V Stepping Motor

The line diameter can be set up: 0.01-9.99mm

Net weight: about 42kg

Minimum finish diameter: 10mm

## Product characteristics:

- 1, environmental protection, low noise and high efficiency;
- 2, save data for more than one year, and have power fail protection function.
- 3, you can choose different row direction, winding angle and sectional angle.
- 4, Photoelectric induction switch technology has high accuracy and accurate number of rings.
- 5, Stepper motor wiring, spacing can be accurately controlled;

## Scope of application:

It is suitable for high frequency inductors, closing inductors and differential mode inductors.

# DG-608AS gossip sliding double counting ring winding machine



## Product parameters:

Applicable wire diameter: 0.10-0.35 mm  
Maximum number of revolutions: 1200 rpm  
Number of winding axes: 1  
Spindle motor: DC 370W  
Cable motor: 9V Stepping Motor  
Wire diameter: 0.01-9.99mm  
Net weight: about 42kg  
Minimum completed inner diameter: 10mm

## Features:

1. Environmental protection, low noise and high efficiency;
2. Save the data for more than one year, and have power-down protection function;
3. can choose different cable direction, winding angle and segmentation angle;
4. photoelectric sensor switch technology, high precision, accurate circle length;
5. stepper motor cable, the spacing can be precisely controlled;
6. using two sensors to count, the counting is more accurate, reducing the rear measuring circle artificial;

## Scope of application:

Suitable for all kinds of ring type inductors, transformers, Japanese-type transformers, inductors, relay coils

# DG-501 table type large torsion winding machine



Technical parameters:

1. suitable diameter: 0.5~1.5mm
2. maximum speed: 1000RPM
3. number of spool: 1
4. spindle motor: AC750W/1500W
5. winding width: 120
6. line motor: 9V Stepping Motor
7. line width: 210
8. can set a line diameter: 0.01-9.9mm
9. weight of equipment: 55KG



# DG-502 floor type large torsion winding machine



Product parameters:  
Line diameter range (mm):1.0-3.0  
Maximum speed RPM:800  
Spindle motor: 1.1KW  
Winding width (mm): 200  
Line motor: 9V Stepping Motor  
Line width (mm): 100  
Power supply: 220VAC 50HZ  
Weight: 180KG

# DG-301 side single-spindle brushless winding machine



This equipment uses computer CNC control system to precisely locate the spindle by CPLD decoding and speed n  
Functions and characteristics:

The data stores the paragraph 0~999 step.

It can reverse the winding at high speed.

The number of circles is accurate.

The problem information is saved automatically.

CNC can monitor and display production status.

The setting is simple and the operation is convenient.

Technical parameters:

Power supply: 220 VAC 50HZ; 110VAC 60HZ

Power: 250W

Spindle speed: 5000RPM

Diameter: 0.1~ 1.0mm

Winding width: 100

Width: 140

Equipment size: L/600\*W/640\*H/550mm

Equipment weight: 48KG

# DG-302 side double-spindle winding machine



This equipment uses computer CNC control system to precisely locate the spindle by CPLD decoding and speed n

Functions and characteristics:

1. data storage segment 0~999 step.
2. high speed reverse rotation.
3. turns are accurate.
4. automatically save the problem data in use.
5. CNC can monitor and display production status.
6. simple setting and easy operation.

Technical parameters:

1. power supply: 220 VAC 50HZ; 110VAC 60HZ
2. power: 250W
3. spindle speed: 3000RPM
4. line diameter: 0.06~ 1.0mm
5. winding width: 90
6. line width: 140
7. device size: L/600\*W/650\*H/1000mm
8. weight of equipment: 50KG

# DG-402 front double-spindle winding machine



This equipment uses computer CNC control system to precisely locate the spindle by CPLD decoding and speed n

Functions and characteristics:

1. data storage segment 0~999 step.
2. high speed reverse rotation.
3. turns is accurate.
4. automatically save the problem data in use.
5. CNC can monitor and display production status.
6. simple setting and easy operation.

Technical parameters:

1. power supply: 220 VAC 50HZ; 110VAC 60HZ
2. power: 370W
3. spindle speed: 6000RPM
4. line diameter: 0.04~ 0.8mm
5. winding width: 100
6. line width: 100
7. device size: L/500\*W/600\*H/1000mm
8. weight of equipment: 60KG

# DG-404 front four-spindle winding machine



This equipment uses computer CNC control system to precisely locate the spindle by CPLD decoding and speed n

Functions and characteristics:

1. data storage segment 0~999 step.
2. high speed reverse rotation.
3. turns is accurate.
4. automatically save the problem data in use.
5. CNC can monitor and display production status.
6. simple setting and easy operation.

Technical parameters:

1. power supply: 220 VAC 50HZ; 110VAC 60HZ
2. power: 370W
3. spindle speed: 6000RPM
4. line diameter: 0.03~ 0.6mm
5. winding width: 100
6. line width: 100
7. device size: L/1010\*W/600\*H/1000mm
8. weight of equipment: 75KG

# DG-H10C 10 inch rack ring winding machine

DG-H10C



ISO 9001 SGS CE



Technical parameters

Item	Model	DG-H10C
1	Windable wire gage	$\phi 0.5-1.5\text{mm}$
2	Shuttle Diameter	250mm
3	Min inner diameter of winded coils	$\phi 25\text{mm}$
4	Maximum outer diameter of winded coils	$\phi 50-200\text{mm}$
5	Maximum height of winded coils	80mm
6	Maximum winding rotation speed	200RPM
7	Spindle motor	AC 7500W
8	Spreading Motor	DC 4A/ Stepping Motor
9	The size of machine	740*670*700mm
10	The weight of machine	about 90kg

# DG-H12C 12 inch rack ring winding machine



## Technical parameters

Item	Model	DG-H12C
1	Windable wire gage	$\phi 0.6-2.5\text{mm}$
2	Shuttle Diameter	300mm
3	Min inner diameter of wound coils	$\phi 30\text{mm}$
4	Maximum outer diameter of wound coils	$\phi 50-200\text{mm}$
5	Maximum height of wound coils	100mm
6	Maximum winding rotation speed	200RPM
7	Spindle motor	AC 1500W
8	Spreading Motor	DC 4A/ Stepping Motor
9	The size of machine	640*990*740mm
10	The weight of machine	about 110kg



# DG-H15C 15 inch rack ring winding machine



## Technical parameters

Item	Model	DG-H15C
1	Windable wire gage	$\phi 0.6-2.5\text{mm}$
2	Shuttle Diameter	360mm
3	Min inner diameter of winded coils	$\phi 40\text{mm}$
4	Maximum outer diameter of winded coils	$\phi 50-200\text{mm}$
5	Maximum height of winded coils	120mm
6	Maximum winding rotation speed	200RPM
7	Spindle motor	AC 1500W
8	Spreading Motor	DC 4A/ Stepping Motor
9	The size of machine	750*850*810mm
10	The weight of machine	about 119kg

# DG-H10A 10-inch rack ring tape wrapping machine

  
DG-H10A ( 0823 )





Technical parameters

Item	Model	DG-H10A
1	Windable tape width	φ8-25mm
2	Taping ring Diameter	250mm
3	Min inner diameter of winded coils	φ23mm
4	Maximum outer diameter of winded coils	φ50-200mm
5	Maximum height of winded coils	80mm
6	Maximum winding rotation speed	200RPM
7	Spindle motor	AC 7500W
8	Spreading Motor	DC 4A/ Stepping Motor
9	The size of machine	780*720*1200mm
10	The weight of machine	about 92kg

# DG-H12A 12-inch rack ring tape wrapping machine

  
DG-H12A(1232)



 **SGS** **CE**



Technical parameters

Item	Model	DG-H12A
1	Windable tape width	φ12-30mm
2	Taping ring Diameter	300mm
3	Min inner diameter of winded coils	φ32mm
4	Maximum outer diameter of winded coils	φ50-200mm
5	Maximum height of winded coils	100mm
6	Maximum winding rotation speed	200RPM
7	Spindle motor	AC 7500W
8	Spreading Motor	DC 4A/ Stepping Motor
9	The size of machine	780*760*1250mm
10	The weight of machine	about 110kg

# DG-H09B rack side slip ring winding machine



The image shows a DG-H09B rack side slip ring winding machine. It is a blue and silver industrial machine with two large red spools for winding wire. A digital display and control panel are on the right side. Above the machine is a logo with a stylized 'G' and the text 'DG-H09B'. Below the machine are ISO, SGS, and CE certification logos. To the right of the machine are four small inset images showing examples of wound slip rings: two purple ones, one purple one with a red wire, one brown one, and a cluster of many small ones.

Technical parameters

Item	Model	DG-H09B
1	Windable wire gage	$\phi 0.2-0.7\text{mm}$
2	Shuttle Diameter	198mm
3	Min inner diameter of winded coils	$\phi 15\text{mm}$
4	Maximum outer diameter of winded coils	$\phi 50-200\text{mm}$
5	Maximum height of winded coils	60mm
6	Maximum winding rotation speed	700RPM
7	Spindle motor	AC 7500W
8	Spreading Motor	DC 4A/ Stepping Motor
9	The size of machine	650*760*600mm
10	The weight of machine	about 74kg

# Sensor winding machine

