



4000-5/8 Lawn tufting machine Scope of supply and indicators

01

Specification parameters and configuration

1, Specifications 5/8-4000 type lawn cutting machine effective width 4.1mm, velvet height range 20mm-60mm, weaving speed 100-500RPM(adjustable), stitch range 10-35/10cm, yarn size range 5000DTEX-14000DTEX.

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4. Start control cabinet, soft start/stop, high parking, fault display, computer counting length, configuration back pull rope switch. Feed yarn and bottom stitch can realize touch screen digital adjustable. High quality inverter, imported PLC, touch screen, high quality low voltage components.

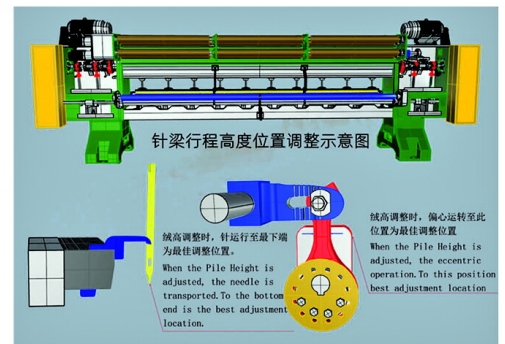
Other equipment accessories and spare parts

1. 260 pieces configured according to 4.1M, 15 pieces of needle (4.7X127), hook (1.5mm thick), straight knife (1mm blade thickness), fork needle hook knife and fork are reserved, and 1 tool holder is reserved.



2. The frame adopts cast steel structure combination frame, the main shaft bearing adopts Japan NSK bearing, active adjustable bed plate and frequency lock system, single needle structure needle beam, single hook structure hook beam, single fork structure mop board. Variable frequency adjustable motor, active adjustable bed board and frequency lock system adjustable stroke.

3. 2*15KW4 level main motor 2, single side double servo yarn guide system (equipped with 2 kW servo motor), servo bottom feeding system (equipped with 13KW servo motor).



2. Yarn collection board, yarn guide board are made of 3MM thick 304 stainless steel 2B plate processing, inner hole and surface smooth, hole distance standard.

3. 260 heads, a set of yarn racks. The bottom cloth frame, out of the cloth pendulum frame each set. A set of 12MM*1mm yarns.

4000-5/32 Lawn tufting machine Scope of supply and indicators

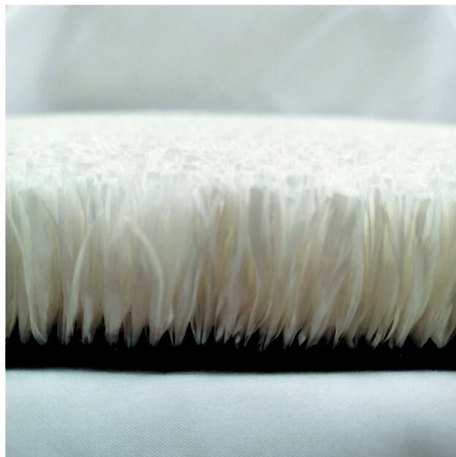


Specifications and configuration

1. Specification 5/32-4000 lawn cutting machine effective width 4.1mm. Pile height range 7mm-20mm, weaving speed 100-500RPM, stitch range 10-35/10cm, yarn size range 1500DTEX-6000DTEX.

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2. The frame adopts the combination frame of casting and steel structure, single needle mechanism needle beam, single hook structure hook, single fork structure mop board, variable frequency adjustable motor, adjustable bed plate and frequency locking system and adjustable stroke system.



3. 2*15KW*4 level main motor 2, a set of single-sided double servo yarn guide system (configure two 2KW servo motors), a set of servo bottom feeding system (configure two 3KW servo motors).

4. Start control cabinet, soft start/stop, high stop, fault display, electronic length, configuration of the rear pull rope switch. The amount of yarn feeding and the bottom stitch can be digitally adjustable on the touch screen. PLC touch screen.

Other equipment accessories and spare parts

1. According to 4.1M 4mm needle distance configuration of 1025 needles, hooks, knives.

2. 1056 yarn stand a set. A set of bottom cloth frame and a set of out cloth frame. 12MM*1mm yarn tube set.



Utility Model Patent Certificate
Patent number: ZL202221752976.0
Patent number: ZL202221493173.8
Patent number: ZL202221493080.5
Patentee: Qingdao Shanzhong Technology Co., Ltd

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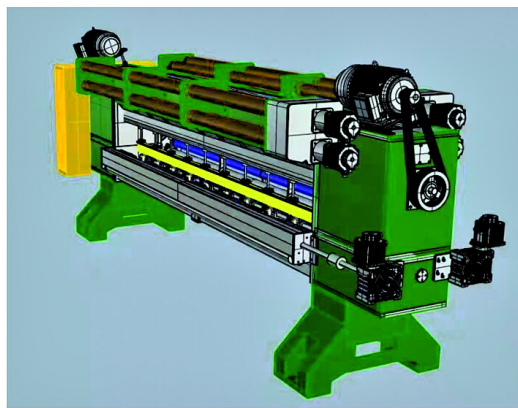
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2000-3/8 Lawn tufting machine Scope of supply and indicators

1. Specification 3/8-2000 type lawn tufting machine maximum width of 2.1m, effective width of 2m. Wool height range 20mm-50mm, weaving speed 100-500RPM (adjustable), stitch range 10-35/10cm, yarn size range 5000DTEX-13000DTEX.

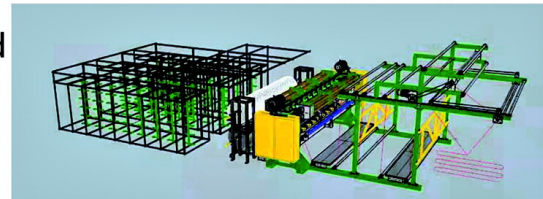
03



2, Steel structure frame, spindle bearing adopts imported bearings, single needle mechanism needle beam, single hook structure hook beam, single fork structure mop board, variable frequency adjustable motor, adjustable bed plate.

3, 15KW*4 class main motor 1, a set of planetary gear mechanical adjustment of the yarn guide system, a set of planetary gear mechanical adjustment of the bottom feeding system.

4. Start control cabinet, soft start /stop, power indication, frequency conversion fault light indication, and rear pull rope switch. Yarn feed and bottom stitch are adjustable.

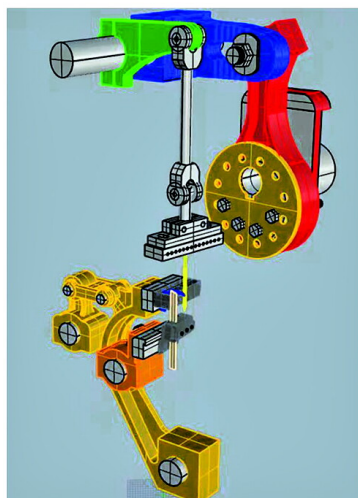


1. 220-piece needle (3.1×115mm), domestic hook (1.5mm thickness), domestic straight knife (1MM thickness), fork hook knife and fork each with 10 pieces in standby.

2, Yarn collection board, yarn guide board are made of 3MM thick steel processing , inner hole and surface smooth, hole distance standard.

3. A set of 216 double head yarn racks. Double bottom cloth rack, a set of cloth rack. A set of 12MM*1mm yarns.

4. Covers an area of 13500mm×4400mm



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4000-3/8 Tufting machine Scope of supply and indicators

04

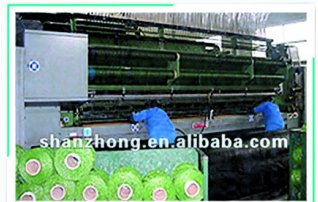
Specification parameters and configuration

1. Specifications 3/8 - 4000 type Tufting machine effective width 4.1mm, wool height range 20mm-55mm, weaving speed 100-500RPM (adjustable), stitch range 10-35/10cm, yarn fiber range 5000DTEX-14000DTEX.

2. The frame adopts casting and steel structure frame, active adjustable bed plate and frequency lock system, single needle mechanism needle beam, single hook structure hook beam, single fork structure mop board. Variable frequency adjustable motor, active adjustable bed and frequency lock system adjustable stroke.

3. 2×15KW4 level main motor 2, a set of single-side double servo yarn guide system (equipped with 1.5KW servo motor 2), double servo bottom feeding system (equipped with 2KW servo motor 2).

4. Start control cabinet, soft start/stop, high parking, fault display, electronic length, configuration after the pull rope switch. Feed yarn and bottom stitch can realize touch screen digital adjustable. Domestic high quality inverter, imported PLC, touch screen.



Other equipment accessories and spare parts

1. 430 needles, hooks, knives.
2. A set of 430 double head yarn racks. Double bottom cloth rack, pendulum rack each set. A set of 12MM*1mm yarns.
3. The overall dimensions of the machine: length 16000mm× width 6550× height 3750mm, the overall dimensions of the host machine: length 6550mm× width 1200mm× height 2400mm
4. The total weight of the equipment: about 12T, the host weight: about 9T

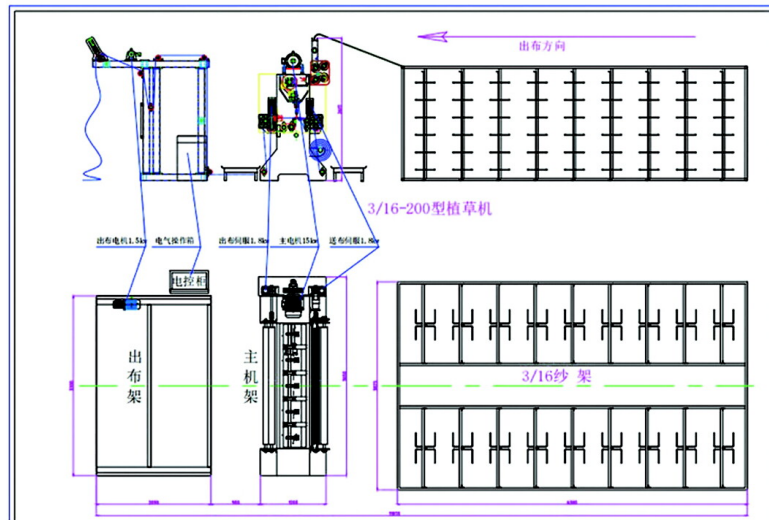
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Specifications and configuration

1. Specification 3/16-200 lawn cutting machine effective width 2.05m. Pile height range 8mm-30mm, weaving speed 100-500RPM (adjustable), stitch range 10-35/10cm, yarn size range 2000DTEX-8000DTEX.

2. Steel frame, main shaft bearing adopts NSK bearing imported from Japan, single needle mechanism needle beam, single hook structure hook, single fork structure trawl plate, variable frequency adjustable motor, adjustable bed plate.
3. 15KW×4 main motor 1, a 2KW planetary gear servo yarn guide system, two 1.8KW servo bottom cloth feeding system.
4. Start control cabinet, soft start/stop, high stop, frequency conversion fault display, electronic length, configuration of the back pull rope switch. The amount of yarn feeding and the bottom stitch can be digitally adjustable on the touch screen. Inverter, PLC, touch screen.



Other equipment accessories and spare parts

1. According to 2.1M configuration of 430 needles, hooks, knives.
2. Set yarn plate, yarn guide plate are made of 5MM thick section steel processing, the inner hole and surface smooth, hole distance standard.
3. 432 head single head yarn frame a set. A set of cloth drop frame. 12MM*1mm anti-static yarn tube set.

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Artificial turf 4200 artificial turf gluing machine configuration parameters



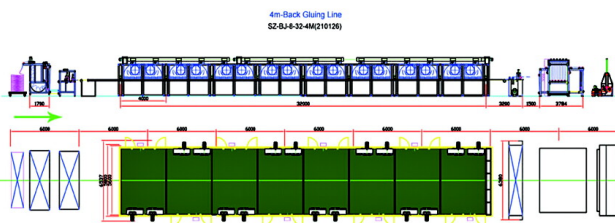
Product use: This machine is suitable for lawn carpet styrene butadiene latex spray way production technology and drying fining.
The main technical indicators: width: 3-4.2m, speed: 0~10m/m.

06

Carpet transportation mode: heavy cast iron horizontal rail chain transportation.
Heating method: natural gas, the bottom and back are heated by the upper blower.



The total power of the whole machine: 190 kW or so.
The track adopts ductile iron track, and the graphite wear-resistant strip is installed on the track.



Over 32 meters, over by 4 meters per section, 8 groups, a total length of 32 meters.
The upper layer is a heating oven, which uses 8 hot spots and 8 ovens with 100,000 punch burning machines.
There are 4 sets of drainage system.

Rear cloth storage device: cloth storage capacity of 50 meters. Cloth storage rack 4 meters high.

Winding machine: two winding roller diameter 420 mm, surface wrapped with imported rough surface belt, frequency conversion control.



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2200-24m artificial lawn gluing and drying production line (natural gas)



J type blanket storage device

1. Electric mechanical correction system.
2. Active pressure friction blanket.
3. J type box free storage blanket, magnetic powder tension control out of blanket.
4. The diameter of the drive roller is 160mm, the surface is coated with granulation belt, the diameter of each guide roller is 120mm, and the surface is galvanized.

Spray glue system

1. Processing in plane grinding, glue blocking system.
2. Pressure blanket guide roller synchronous pneumatic control, each guide roller diameter 120 (steel galvanized roller).
3. Edge detection photoelectric sensor.

Drying machine

1. Effective drying area length 24M, effective width 2200mm.
2. Main drive system (drive power 7.5KW motor frequency conversion control).
3. Special direct combustion burner for gas. Six units 100,000 kcal.
4. 12 heating fan motors (fan motor power 5.5 KW/ unit).
5. The thickness of insulation door plate is 100mm.
6. Electric control door amplitude adjustment system, automatic edge detection system.
7. Main drive guide rail, chain, needle plate, needle plate seat, guide rail ductile iron material, needle plate stainless steel needle, needle plate A3 alloy material.



Hot hole device

Equipped with 20 sets of 60W soldering iron, horizontal hot hole spacing 150mm, pneumatic hot hole, adjustable running time.

Rear roller storage blanket machine

1. The effective blanket storage capacity is 35 meters, and the effective width of the roller surface is 2300mm.



2. Air-controlled active storage blanket, drive sprocket lifting synchronously.
3. The diameter of each roller surface is 120mm, the surface is galvanized, and the air control system is equipped with precision pressure regulating valve.

Winding device

It includes cross cutting blanket feeding, self-weight friction rewinding high friction sand leather belt coating on roller surface, cutting knife diameter 100mm, blanket feeding

drive diameter 159mm, synchronous blanket feeding, cutting knife drive 0.55KW, cutting knife operation drive 0.75KW, rewinding roller diameter 400mm, rewinding drive 1.5KW×2, frequency conversion.



Electrical system

A control cabinet

Floor area size

44650mm×4700mm

07

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Artificial turf installation tools

08



TurfFix
Weight:6.5kg
Size:520*200*200



TurfGrip
Weight:4.74kg
Size:350*200*220



CircleCutter
Weight:1.43kg
Size:200*200*180



LineCutter
Weight:10kg
Size:500*360*250



EdgeTrimmer
Weight:0.65kg
Size:240*70*150



GrassCutter
Weight:1.66kg
Size:500*90*160



SeamFix
Weight:2.2kg
Size:320*200*250



GlueFix GF300
Weight:14kg
Size:760*330*260

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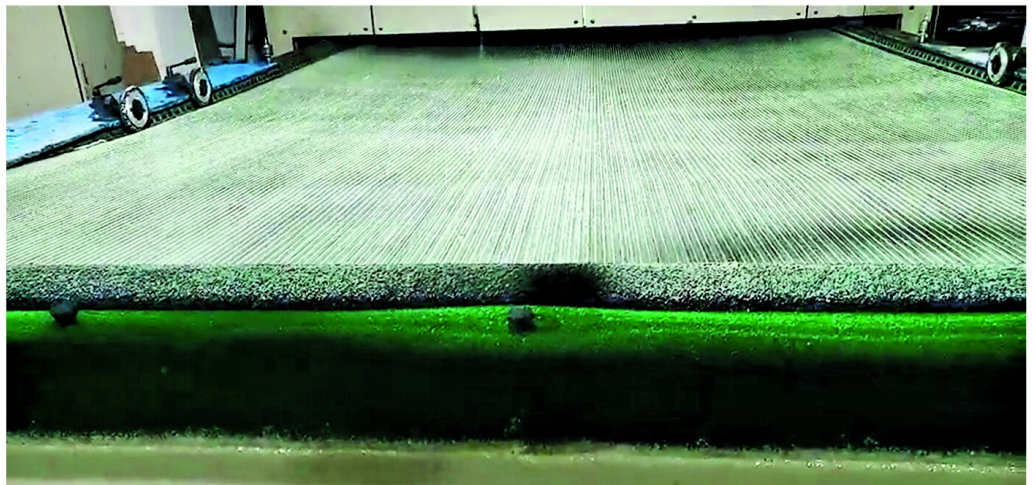
2 Component PU back glue machine

09



PU back glue machine

Equipment list	Model number	Quantity
Rack	5500mm*500mm	1 unit
Raw material barrel	Volume 300 liters, with electric heating tube heating	3 sets
Level display	Ordinary liquid level display	3 roots
Measurement system (A motor)		1 unit
Measurement system (B motor)		1 unit
Measurement System AB Connector	Nylon Coupling	2 sets
High-pressure oil pipe	30*1.5/18*1.5	6 items
Distribution cabinet 1600 meters * 800mm * 430mm	Distribution cabinet 1600 meters * 800mm * 430mm	1 set
Electrical appliances	Printed Circuit Board Assembly	1 set
Control system	PLC	1 set
Cleaning tank	304 Stainless Steel 30 Liters	1 piece



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