



扬州市海星数控制刷设备有限公司

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扬州市海星数控制刷设备有限公司

YANGZHOU HAIXING CNC BRUSH MACHINE CO., LTD.

企业简介

Enterprise Briefintroduction

海星数控制刷设备有限公司自1985年创立以来，专注于研发、制造领先的日用、工业用制刷设备，公司致力于为全球客户提供高性能的制刷设备和先进生产方式。

历经30多年发展，产品线覆盖口腔刷类、家用清洁刷类、环卫刷类、工业刷类、3C行业抛光刷类。我们不断创新和突破，致力于中国制刷设备的不断进步，持续满足更多卓越客户需求和发展的。

Yangzhou HaiXing CNC brush machine Co.,Ltd. establishment in 1985, focus on research and development, manufacturing the leading household and industrial brush equipment. We are committed to providing high performance brush equipment and production methods for global customers.

After more than 30 years of development, the product line covers oral brush, household cleaning brush, sanitation brush, industrial brush, 3C industry polishing brush. We continue to seek innovation and breakthrough, committed to the continuous progress of Chinese brush equipment, continue to meet more outstanding customer needs and development.



专利证书

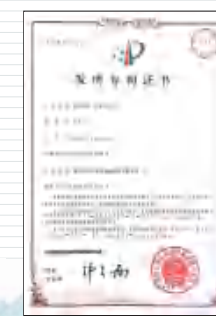
PATENTCERTIFICATE



Patented Flat Wire Tufting Head



Patented Round Wire Tufting Head

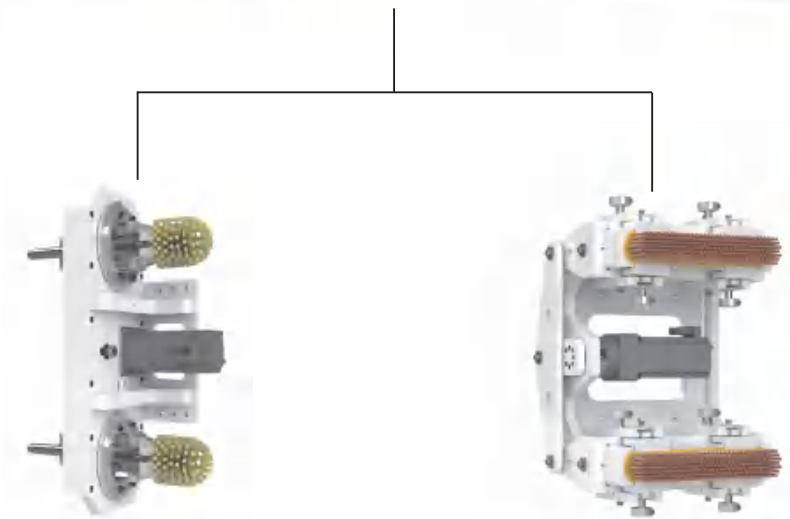


卧式双头三工位钻植一体机

HORIZONTAL 2 HEADS 3 STATIONS DRILLING & TUFTING BRUSH MACHINE

机器特点

- 1. HM70-25A集成机械手自动上下料，自动钻孔植毛，自动化程度高。
- 2.卧式设计，可集成平毛，贴标等模块。
- 3.植毛方式：金属片或马丁方式。
- 4.独立三工位设计，设备运转更为智能高效。
- 5.人机触控屏控制系统，操作灵活方便。
- 6.机器上的针、毛刀及所有零部件均为标准化设计，更换及维修非常的方便。
- 7.可生产1-3种颜色的毛刷。
- 8.可选配不同平台生产不同类型的刷子，平台模块化设计，更换模块快捷简单。
- 9.可选用平台类型有：
 - 可生产斜度/垂直刷毛角度的平台；
 - 可生产球形马桶刷和半球形碟刷平台；
 - 可生产管状工业刷平台



Machine features

- 1.HM70-25A is feeding and blanking the handle by manipulator automatically, automatic drilling and tufting, with high degree of automation.
- 2.Horizontal design, integrated trimming hair, labeling, etc.
- 3.Tufting way: flat wire or round wire.
- 4.Independent 3stations design, operation is more intelligent and efficient.
- 5.Control system in man-machine touch screen,convenient operation.
- 6.Wearing and spare parts are standardized designs, replace and maintenance is very convenient.
- 7.Can produce the brush with 1 to 3 colors.
- 8.Optional different platforms for different types brush, platform in modular design,changing modules is quick and easy.
- 9.Optional platform types is:
 - Platform in produce slope /vertical angle of brush;
 - Platform in produce spherical toilet brush and semi-spherical dish brush;
 - Platform in produce tubular industrial brush

技术参数

型号	HM70-25A
轴数	5轴
生产速度	≤1000孔/分钟
伺服电机	15个
钻孔头数量	2个
植毛头数量	2个
工位数量	3个
刷丝长度范围	50-240mm
植毛孔径范围	3-8mm
输入电源	380V.50Hz
主机功率	12KW
气压	0.6~0.8MPa
耗气量	2.5m³
重量	11000KG
外形尺寸	长4100mm x 宽3700mm x 高2210mm

Technical Parameters

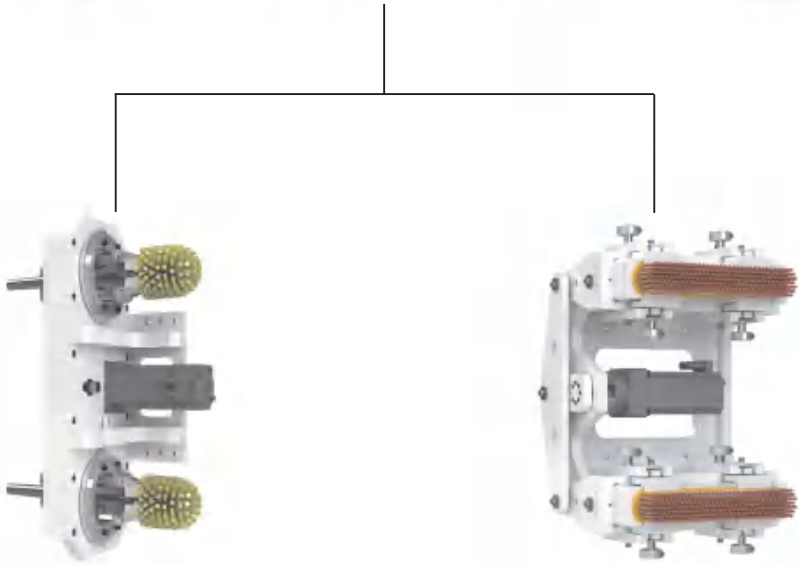
Model	HM70-25A
Axis	5 axis
Production speed	≤1000hole/min
Servo motor	15pcs
Drilling head	2pcs
Tufting head	2pcs
Station	3
Filament length range	50-240mm
Hole diameter range	3-8mm
Voltage	380V.50Hz
Machine power	12KW
Air pressure	0.6 ~ 0.8Mpa
Gas consumption	2.5m³
Weight	11000KG
Dimension	L-4100mm x W-3700mm x H-2210mm

卧式双头四工位钻植平一体机

HORIZONTAL 2 HEADS 4 STATIONS DRILLING & TUFTING & TRIMMING BRUSH MACHINE

机器特点

- 1.集成机械手自动上下料，自动钻孔植毛，自动开花飞毛等模块，自动化程度高。
- 2.卧式设计，可集成贴标、自动装箱等模块。
- 3.植毛方式：金属片或马丁方式。
- 4.独立五工位设计，设备运转更为智能高效。
- 5.人机触控屏控制系统，操作灵活方便。
- 6.机器上的针、毛刀及所有零部件均为标准化设计，更换及维修非常的方便。
- 7.可生产1-3种颜色的毛刷。
- 8.可选配不同平台生产不同类型的刷子，平台模块化设计，更换模块快捷简单。
- 9.可选用平台类型有：
 - 可生产斜度/垂直刷毛角度的平台；
 - 可生产球形马桶刷和半球形碟刷平台；
 - 可生产管状工业刷平台



Machine features

- 1.HM70-25B is feeding and blanking the handle by manipulator automatically, automatic drilling, tufting, trimming and flagging, with high degree of automation.
- 2.Horizontal design, integrated trimming hair, labeling, etc.
- 3.Tufting way: flat wire or round wire.
- 4.Independent 5 stations design, operation is more intelligent and efficient.
- 5.Control system in man-machine touch screen,convenient operation.
- 6.Wearing and spare parts are standardized designs, replace and maintenance is very convenient.
- 7.Can produce the brush with 1 to 3 colors.
- 8.Optional different platforms for different types brush, platform in modular design, changing modules is quick and easy.
- 9.Optional platform types is:
 - Platform in produce slope /vertical angle of brush;
 - Platform in produce spherical toilet brush and semi-spherical dish brush;
 - Platform in produce tubular industrial brush

技术参数

型号	HM70-25B
轴数	5轴
生产速度	≤1200孔/分钟
伺服电机	19个
钻孔头数量	2个
植毛头数量	2个
工位数量	4个
刷丝长度范围	50-240mm
植毛孔径范围	3-8mm
输入电源	380V.50Hz
主机功率	15KW
气压	0.6~0.8MPa
耗气量	3m³
重量	22000KG
外形尺寸	长6100mm x 宽4900mm x 高2210mm

Technical Parameters

Model	HM70-25B
Axis	5 axis
Production speed	≤1200hole/min
Servo motor	19 pcs
Drilling head	2 pcs
Tufting head	2 pcs
Station	4 pcs
Filament length range	50-240mm
Hole diameter range	3-8mm
Voltage	380V.50Hz
Machine power	15KW
Air pressure	0.6 ~ 0.8Mpa
Gas consumption	3m³
Weight	22000KG
Dimension	L-6100mm x W-4900mm x H-2210mm

单头卧式四工位钻植一体机

HORIZONTAL SINGLE HEAD 4STATIONS DRILLING AND TUFTING BRUSH MACHINE

机器特点

单头钻、植、平一体化设计，HS40D包含有1个钻孔头、有1个植毛头、1个平毛头和1个开花头，模块化设计，轻松解决多品种、大批量的生产需要，更换平台可以生产马桶刷、碟刷、平板刷等产品。可集成前道自动输料。机械手自动上下料，连续循环工作台设计，生产效率高。



Machine features

Integrated design of single drilling, tufting and trimming, HS40D includes 1 drill head, 1 tufting head, 1 trimming head and 1 flagging head, modular design, easy to meet the needs of multi-variety and mass production, replacement platform can produce toilet brush, dish brush, flat brush and other products. Can be integrated front automatic feeding. Manipulator automatic loading and unloading, continuous cycle table design, high production efficiency.

技术参数

型号	HS40D
植毛头	1
钻孔头	1
毛嘴行程(mm)	40
最大速度(孔/分钟)	600
刷板最大直径(mm)	5
刷丝长度范围(mm)	50-80
植毛孔径范围(mm)	2.0-5.0
轴数	22
能耗(kw)	15.5
重量(kg)	3000
外形尺寸(LxWxH)mm	3350x2400x2700
额定电压/频率(V.Hz)	380v.50Hz
气压(MPa)	0.6-0.8
工位数量(个)	4
耗气量(m³)	0.5

Technical Parameters

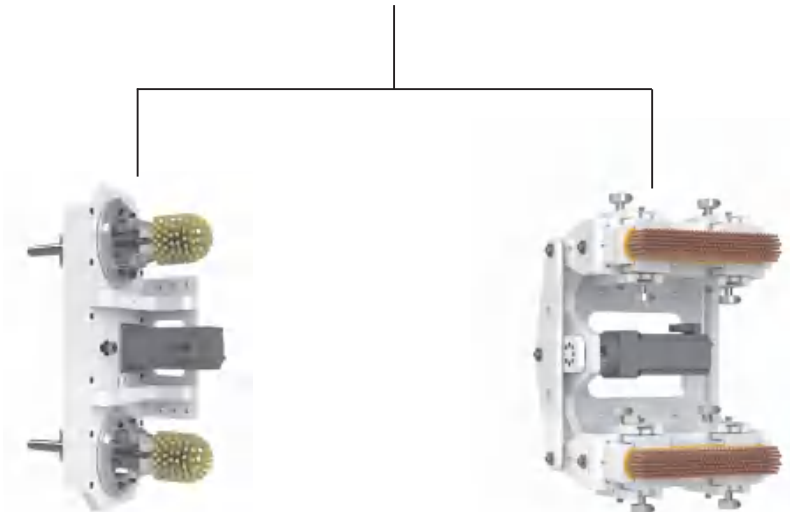
Model	HS40D
Tufting head(pc)	1
Drilling head(pc)	1
Tufting head journey(mm)	40
Max speed(hole/min)	600
Max width of brush base(mm)	5
Filament length range(mm)	50-80
Hole dia. range(mm)	2.0-5.0
Axis	22
Power(KW)	15.5
Weight(KGS)	3000
Dimension(LxWxH)mm	3350x2400x2700
Voltage/Frequency(V.Hz)	380v.50Hz
Air pressure(MPa)	0.6-0.8
Station qty(pc)	4
Gas consumption(m³)	0.5

双头卧式四工位钻植一体机

HORIZONTAL DOUBLE HEAD 4STATIONS DRILLING AND TUFTING BRUSH MACHINE

机器特点

双头钻植平一体化设计，HS40E包含有2个钻孔头、有2个植毛头、2个平毛头和2个开花头，模块化设计，轻松解决多品种、大批量的生产需要，更换平台可以生产马桶刷、碟刷、平板刷、等产品。可集成前道自动输料，机械手自动上下料，连续循环工作台设计，生产效率高。



Machine features

Integrated design of double drilling, tufting and trimming, HS40E has two drilling heads, two tufting heads, two trimming heads and two flagging heads, modular design, easy to meet the needs of multiple varieties, mass production, replacement platform can produce toilet brush, dish brush, flat brush, and other products. Can be integrated front automatic feeding, manipulator automatic loading and unloading, continuous cycle table design, high production efficiency.

技术参数

型号	HS40E
植毛头	2
钻孔头	2
毛嘴行程(mm)	40
最大速度(孔/分钟)	≤ 1200
刷丝长度范围(mm)	50-80
植毛孔径范围(mm)	2.0-5.0
轴数	22
能耗(kw)	15.5
重量(kg)	3500
外形尺寸(LxWxH)mm	3350x2400x2700
额定电压/频率(V.Hz)	380v.50Hz
气压(MPa)	0.6-0.8
工位数量(个)	4
耗气量(m³)	0.5

Technical Parameters

Model	HS40E
Tufting head(pc)	2
Drilling head(pc)	2
Tufting head journey(mm)	40
Max speed(hole/min)	≤ 1200
Filament length range(mm)	50-80
Hole dia. range(mm)	2.0-5.0
Axis	22
Power(KW)	15.5
Weight(KGS)	3500
Dimension(LxWxH)mm	3350x2400x2700
Voltage/Frequency(V.Hz)	380v.50Hz
Air pressure(MPa)	0.6-0.8
Station qty(pc)	4
Gas consumption(m³)	0.5

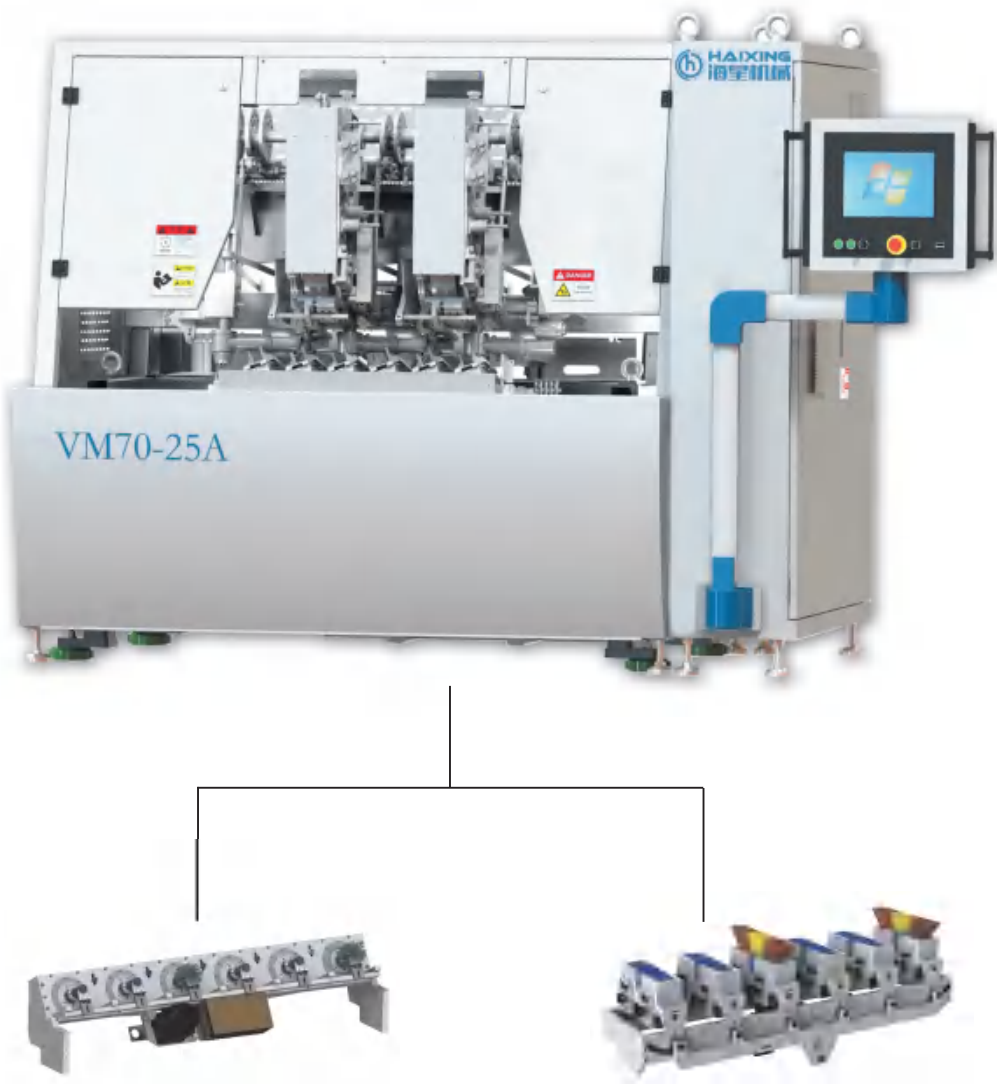
五轴五头钻植一体机

5 AXIS 5 HEADS DRILLING AND TUFTING BRUSH MACHINE

机器特点

VM70-25A稳定性高，生产效率高，平台模块化设计，换模快捷。五轴设计，满足多种刷子的植毛要求。

- 1.人机触摸屏控制系统，操作灵活方便。
- 2.配有三个钻孔头及两个植毛头来生产各种刷子。
- 3.植毛方式：马丁方式。
- 4.允许预存1000款不同刷子程序，编辑一个新的程序也非常简单。
- 5.机器上的针、毛刀及所有零部件均为标准化设计，更换及维修非常的方便。
- 6.可生产1-2种颜色的刷子
- 7.可选配的平台：
 - 可生产斜度/垂直刷毛角度的平台
 - 可生产球形马桶刷/半球形碟刷的平台



Machine features

VM70-25A is a equipment of good stability, high production efficiency, platform modular design, fast changing of the mold. 5 axis design, meet the requirements of a variety of brushes flocking .

- 1. Control system in man-machine touch screen,convenient operation.
- 2. Equipped 3 drilling heads and 2 tufting heads to produce all kinds of brush.
- 3. Tufting way: Round wire.
- 4. Allows stored program 1000 different models of the brush, set up a new program is also very simple.
- 5.Wearing and spare parts are standardized designs, replace and maintenance is very convenient.
- 6.Can produce the brush with 1 to 2 colors.
- 7.Optional platform types is:
 - Platform in produce slope /vertical angle of brush;
 - Platform in produce spherical toilet brush and semi-spherical dish brush;

技术参数

型号	VM70-25A
轴数(轴)	5
生产速度	≅ 1000孔/分钟
工位数量	6个
刷丝长度范围	50-240mm
植毛孔径范围	2.5-8.0mm
输入电源	380V.50Hz
主机功率	7.5KW
重量	3500KG
外形尺寸	长2850mm × 宽2400mm × 高2150mm

Technical Parameters

Model	VM70-25A
Axis	5
Production speed	≅ 1000 hole / min
Station	6
Filament length range	50-240mm
Holes diameter range	2.5-8.0mm
Voltage	380V.50Hz
Machine power	7.5KW
Weight	3500KG
Dimension	L-2850mm × W-2400mm × H-2150mm

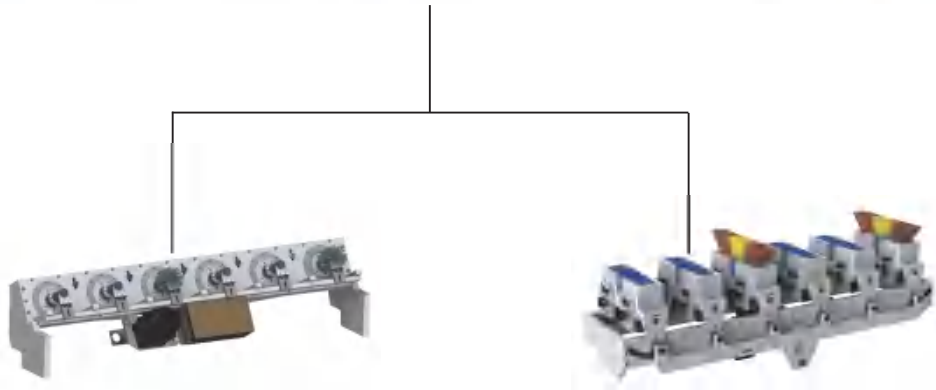
五轴五头钻植一体机

5 AXIS 5 HEADS DRILLING AND TUFTING MACHINE

机器特点

VM70-25D是一台独特的创新设计的机器，包含了多项发明专利，其中的新型植毛头技术配合新型工作台使机器更具有超高的性能，满足大批量生产各种扫把、马桶刷、滚刷等产品，可以给用户带来更高效益。

- 1.人机触摸屏控制系统，操作灵活方便；
- 2.配有3个钻孔头和2个植毛头来生产各种刷子；
- 3.植毛方式：可选配金属片或马丁方式植毛头
- 4.允许预存1000款不同的刷子程序， 编一个新的程序也十分简单
- 5.机器上的针，毛刀及所有零部件均为标准化设计，更换及维修非常的方便
- 6.我们的机器可生产两种或三种颜色的毛刷。
- 7.可选配不同的平台可以生产不同类型不同角度的刷子；
- 8.可选用的平台类型有：
 - 可生产斜度/垂直刷毛角度的平台；
 - 可生产球形马桶刷和半球形洗碟刷的平台；
 - 可生产管状工业刷的平台；



Machine features

VM70-25D is a unique innovation design of the machine, contains a number of invention patents, including the new technology with the new hair planting head table so that the machine has more high performance, to meet the mass production of a variety of broom, toilet brush, brush and other products, can bring more benefits to the user.

- 1. PLC and Touch Panel Control System of Man-machine, convenient operation;
- 2. Equipped with 3 drilling head and 2 plant to produce all kinds of brush feather;
- 3.Tufting way: Flat wire or round wire
- 4.Allows stored program 1000 different models of the brush, set up a new program is also very simple
- 5.Wearing and spare parts are standardized designs, replace and maintenance is very convenient,
- 6.Can produce the brush with 1 to 3 colors.
- 7.Optional different platforms for different types brush.
- 8.Optional platform types is:
 - Platform for redial/parallel tufted brushes;
 - Platform for bowl brushes and semi-spherical brushes;
 - Platform for rollers brushes;

技术参数

型号	VM70-25B	VM120-25B	VM170-25B
轴数	5	5	5
植毛头	2	2	2
钻孔头	3	3	3
加工方式	连续	连续	连续
毛嘴行程	70	120	170
最大速度(孔/分钟)	900	760	600
刷板最大长度(mm)	600	600	600
刷丝长度范围(mm)	50-240	50-400	80-600
植毛孔径范围(mm)	2.5-8.0	3.0-10.0	4.0-10.0
能耗(kw)	7.5	8.5	9.5
重量(kg)	3500	3750	4000
外形尺寸(LxWxH)mm	3050x1750x2050	3500x2000x2200	3900x2200x2350

Technical Parameters

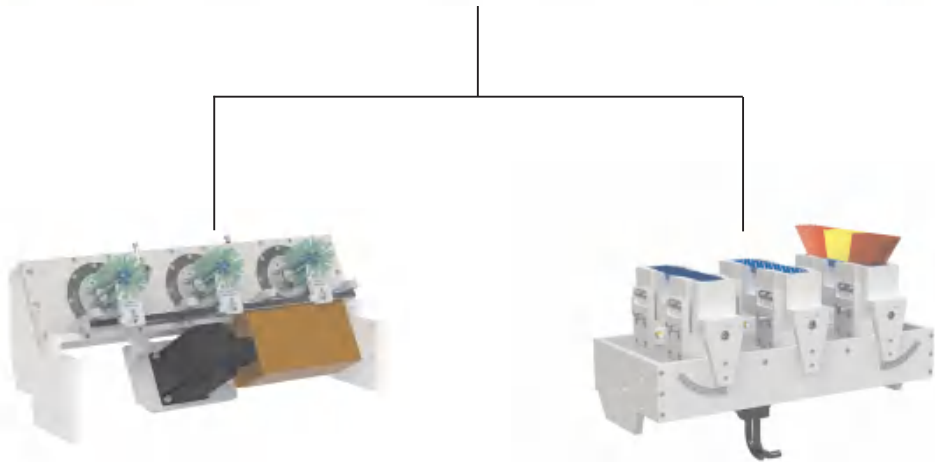
Model	VM70-25B	VM120-25B	VM170-25B
Axis	5	5	5
Tufting Head	2	2	2
Drilling Head	3	3	3
processing method	Continuous production	Continuous production	Continuous production
Tufting Head Journey	70	120	170
Max speed (hole/min)	900	760	600
Max Length of Brush Plate	600	600	600
Filament length range	50-240	50-400	80-600
Hole diameter range	2.5-8.0	3.0-10.0	4.0-10.0
Machine power	7.5	8.5	9.5
Weight	3500	3750	4000
Dimension (LxWxH)mm	3050x1750x2050	3500x2000x2200	3900x2200x2350

五轴三头钻植一体机

5 AXIS 3 HEADS DRILLING AND TUFTING MACHINE

机器特点

- VM70-15B包含有2个钻孔头和1个植毛头，模块化设计，轻松解决多品种、小批量的生产需要，可以作为制刷工厂的入门设备，更换平台可以生产扫把、厕所刷、碟刷、圆滚刷等产品。
- 1. 植毛方式：可选配金属片式或马丁式植毛头
 - 2. 人机触摸屏控制系统，中英文显示，操作灵活方便；
 - 3. 允许预存1000款不同的刷子程序，编一个新的程序也十分简单
 - 4. 机器上的针，毛刀及所有零部件均为标准化设计，更换及维修非常的方便
 - 5. 我们的机器可生产两种或三种颜色的毛刷。
 - 7. 可选配不同的平台可以生产不同类型不同角度的刷子或扫把；
 - 8. 可选用的平台类型有：
 - 可生产斜度/垂直刷毛角度的平台；
 - 可生产球形马桶刷和半球形洗碟刷的平台；
 - 可生产管状工业刷或发梳的平台



Machine features

- VM70-15B contains 2 drilling heads and a tufting head, modular design, easy to solve many varieties, small batch production needs, can be used as the primer brush-making factory equipment, replaced platform production broom, toilet brush, disc brush, roller brush, and other products
- 1. Tufting way: Flat wire or round wire
 - 2. The human-machine touch screen control system, Chinese and English display, convenient operation;
 - 3. Allows stored program 1000 different models of the brush, set up a new program is also very simple
 - 4. Wearing and spare parts are standardized designs, replace and maintenance is very convenient,
 - 5. Can produce the brush with 1 to 3 colors.
 - 6. Optional different platforms for different types brush.
 - 7. Optional platform types is
 - 8. Can choose the platform types are:
 - Platform in produce slope /vertical angle of brush;
 - Platform in produce spherical toilet brush and semi-spherical dish brush;
 - Platform in produce tubular industrial brush and hair brush

技术参数

型号	VM70-15B	VM120-15B	VM170-15B
轴数	5	5	5
植毛头	1	1	1
钻孔头	2	2	2
加工方式	连续	连续	连续
毛嘴行程	70	120	170
最大速度(孔/分钟)	500	380	300
刷板最大长度(mm)	600	600	600
刷丝长度范围(mm)	50-240	50-360	80-600
植毛孔径范围(mm)	2.5-8.0	3.0-10.0	4.0-10
能耗(kw)	4.5	5.5	7.5
重量(kg)	3000	3200	3400
外形尺寸(LxWxH)mm	2750X1750X2050	3100X2000X2200	3500X2350X2350

Technical Parameters

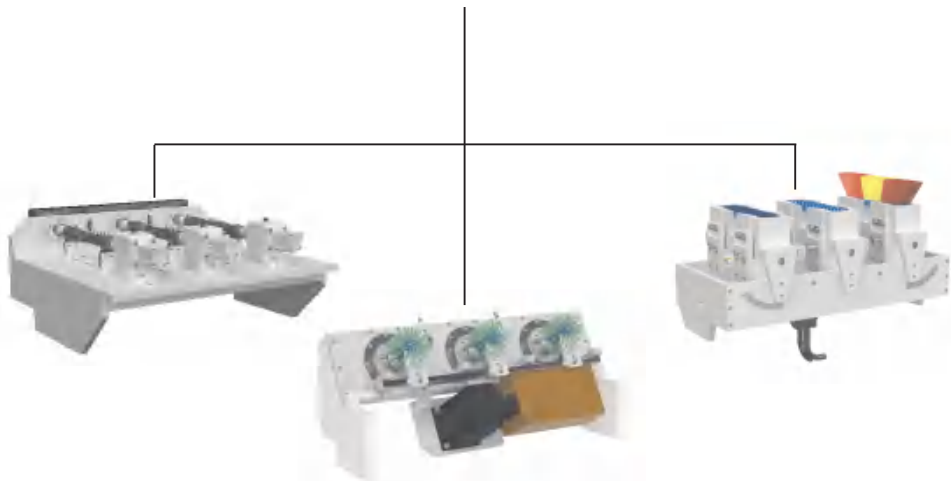
Model	VM70-15B	VM120-15B	VM170-15B
Axis	5	5	5
Tufting Head	1	1	1
Drilling Head	2	2	2
processing method	Continuous production	Continuous production	Continuous production
Tufting Head Journey	70	120	170
Max speed (hole/min)	500	380	300
Max Length of Brush Plate	600	600	600
Filament length range	50-240	50-360	80-600
Hole diameter range	2.5-8.0	3.0-10.0	4.0-10
Machine power	4.5	5.5	7.5
Weight	3000	3200	3400
Dimension (LxWxH)mm	2750X1750X2050	3100X2000X2200	3500X2350X2350

五轴三头钻植一体机(短毛)

5AIXS 3HEADS DRILLING AND TUFTING BRUSH MACHINE (SHORT HAIR)

机器特点

- VS40-15A针对于短毛的具有带角度的平板刷，球形刷，滚刷而设计，有2个钻孔头1个植毛头，采用新型5轴平台，具有高速度，高稳定性的特点，能轻松完成复杂形状的短毛产品钻孔和植毛。
- 1.控制系统：CNC控制，中、英文显示界面
 - 2.易损坏零配件的标准化设计，减少对植毛机修工的技术依赖；
 - 3.植毛方式：金属片式或马丁方式



Machine features

VS40-15A is designed for the flat brush, spherical brush roll brush with angle and short hair. With 2 drilling heads and 1 tufting head, using a new 5 aixs platform with high speed, high stability. Suitable for production the short hair brush with complex shape.

1.control system: CNC control, Chinese and English display .

2.The standard design of damaged parts, reduce dependence on hair mechanic technology;

3.Tufting model: round wire or flat wire

技术参数

型号	VS40-15A
轴数	5
植毛头(个)	1
钻孔头(个)	2
毛嘴行程(mm)	40
最大速度(孔/分钟)	≤ 650
刷丝长度范围(mm)	40-160
植毛孔径范围(mm)	2.0-5.0
主机功率(KW)	4.5
重量(KGS)	2100
外形尺寸(L*W*H)mm	2460x1750x1880
伺服电机(个)	6个
额定电压/频率(V.Hz)	380V 50Hz
气压(MPa)	0.6-0.8
工位数量(个)	3
耗气量(m³)	0.1

Technical Parameters

Model	VS40-15A
Axis	5
Tufting head(pc)	1
Drilling head(pc)	2
Tufting head journey(mm)	40
Max speed(hole/min)	≤ 650
Filament length range(mm)	40-160
Hole dia. range(mm)	2.0-5.0
Power(KW)	4.5
Weight(KGS)	2100
Dimension(LxWxH)mm	2460x1750x1880
Servo motor(pc)	6
Voltage/Frequency(V.Hz)	380V 50Hz
Air pressure(MPa)	0.6-0.8
Station qty(pc)	3
Gas consumption(m³)	0.1

三轴扁丝钻植一体机

3 AXIS FLAT WIRE DRILLING AND TUFTING MACHINE

机器特点

- VS40-13A已经得到大量用户的认可，机器具有高速，低故障的特点，可以轻松完成如洗衣刷、指甲刷、鞋刷、发刷、吸尘器圆棒刷等产品的钻孔和植毛的需要。
- 1.控制系统：CNC控制，中、英文显示界面。
 - 2.适用于毛孔直径在Φ1.8mm-Φ4.0mm，毛高在40mm以内的产品；
 - 3.配有2个钻孔头和1个植毛头来生产各种刷子；
 - 4.零配件标准化设计，减少对植毛机修工的技术依赖；
 - 5.植毛方式：金属片式或马丁方式



Machine features

- VS40-13A has been a large number of users, the machine has the advantages of high speed, low failure, such as drilling can easily complete the washing brush, nail brush, brush, brush, vacuum cleaner brush rod products and hair planting needs.
- 1. Control system: CNC control, Chinese and English display interface.
 - 2. for pore diameter in the diameter of 1.8mm- with 4.0mm, hair products high within 40mm;
 - 3. Equipped with 2 drilling heads and 1 tufting head to produce all kinds of brush;
 - 4. Parts standardization design, reduce dependence on hair mechanic technology;
 - 5. Tufting model: round wire or flat wire

技术参数

型号	VS40-13A
轴数	3轴
生产速度	≅ 650孔/分钟
工位数量	3个
刷丝长度范围	40-160mm
植毛孔径范围	1.8-4mm
输入电源	380V.50Hz
主机功率	2.5KW
重量	1600KG
外形尺寸	长2335mm × 宽1951mm × 高2031mm

Technical Parameters

Model	VS40-13A
Axis	3
Production speed	≅ 650 hole / min
Station	3
Filament length range	40-160mm
Holes diameter range	1.8-4mm
Voltage	380V.50Hz
Machine power	2.5KW
Weight	1600KG
Dimension	L-2335mm × W-1951mm × H-2031mm

卧式植毛平毛一体机

HORIZONTAL TUFTING AND TRIMMING MACHINE

机器特点

HS40A可以针对类似于洗衣刷的短毛刷的高速植毛，具有创新的结构设计大幅度提高机器的操作安全性和稳定性，在植毛的同时能够完成刷子的修毛，进一步合并工序，减少人工流转。电脑CNC控制，中、英文显示界面，具有精确的故障信息及自动停机功能，操作和维护方便。



Machine features

HS40A is designed for high speed production the washing brush and short hair brush. With innovative structure design that improve the safety and stability of the machine, filling and trimming at the same time that leaves more time for the operator to perform other tasks. Computer CNC control, Chinese and English display, accurate fault information prompt and automatic stop function, convenient for operation and maintenance.

技术参数

型号	HS40A
轴数	5轴
生产速度	≦650孔/分钟
工位数量	4个
刷丝长度范围	40-80mm
植毛孔径范围	2.2-4mm
输入电源	380V.50Hz
主机功率	3.5KW
重量	1750KG
外形尺寸	长1750mm×宽1700mm×高2200mm

Technical Parameters

Model	HS40A
Axis	5
Production speed	≦650 hole / min
Station	4
Filament length range	40-80mm
Holes diameter range	2.2-4mm
Voltage	380V.50Hz
Machine power	3.5KW
Weight	1750KG
Dimension	L-1750mm×W-1700mm×H-2200mm

钢丝机
 STEEL WIRE BRUSH MACHINE

机器特点

钢丝机是一台独特的创新设计的机器，包含了多项发明专利，其中的新型植毛头技术配合新型工作台使机器更具有高超的性能，满足大批量生产各种钢丝刷，可以给用户带来更好高效益。

- 1.人机触摸屏控制系统，操作灵活方便；
- 2.配有2个钻孔头和1个植毛头来生产各种刷子；
- 3.植毛方式：马丁方式植毛头；
- 4.允许预存1000款不同的刷子程序，编一个新的程序也十分简单；
- 5.机器上的针，毛刀及所有零部件均为标准化设计，更换及维修非常的方便；
- 6.可选配不同的平台可以生产不同类型角度的刷子；



Machine features

Steel wire brush machine is a unique innovative design of the machine, including a number of invention patents, among which the new style tufting head technology with a new type of work table to make the machine more superb performance, to meet the mass production of all kinds of steel wire brush, can bring better benefits to users.

1. Man-machine touch screen control system, flexible and convenient operation
2. Equipped with 2 drill heads and 1 tufting head to produce various brushes
3. Tufting Method: Round wire
4. Allow 1,000 different brush programs to be stored, and it's easy to create a new one
5. The needle, take hair knife and all parts on the machine are of standardized design, replacement and maintenance are very convenient
6. Optional different platforms can produce different types of angles of brush

技术参数

型号	GSJ-200
轴数（轴）	4
生产速度（孔/分钟）	≤250
钻孔头数量（个）	2
植毛头数量（个）	1
工位数量（个）	3
伺服电机（个）	4
刷丝长度范围（mm）	50-70
植毛孔径范围（mm）	2.5-3
额定电压/频率（V.Hz）	380V.50Hz
主机功率（KW）	3
气压（MPa）	0.6-0.8
耗气量（m³）	2.5
重量（KG）	1700
外形尺寸（mm）	长1500x宽1500x高1900

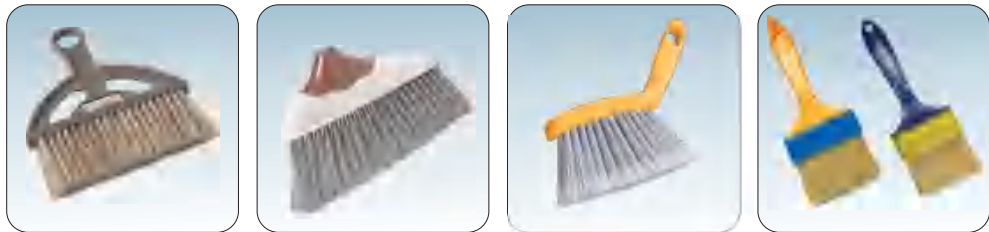
Technical Parameters

Model	GSJ-200
Axis(axis)	4
Production speed(hole/min)	≤250
Drilling head(pcs)	2
Tufting head(pcs)	1
Station(pcs)	3
Servo motor(pcs)	4
Filament length range(mm)	50-70
Hole diameter range(mm)	2.5-3
Rated voltage and frequency(V.Hz)	380V.50Hz
Machine power(KW)	3
Air pressure(Mpa)	0.6-0.8
Cas consumption(m³)	2.5
Weight(KG)	1700
Dimension(mm)	L-1500xW-1500xH-1900

三轴植毛机
3AIXS BRUSH TUFTING MACHINE

机器特点

VM70-13D系列针对日用、工业小产品而开发设计，可以满足多种带孔刷子植毛要求，可以根据产品需要配置马丁或者扁丝植毛头。



Machine features

VM70-13D series machine is designed for small size household brush and industrial brush, can meet tufting requirement for brush with hole already, can be configured round wire tufting head or flat wire tufting head according to the product.

技术参数

型号	VM70-13D	
轴数	3	3
植毛头（个）	1	1
工位数（个）	2	2
加工方式	连续	连续
毛嘴行程(mm)	70	40
最大速度(孔/分钟)	≤ 500	≤ 600
刷板最大长度(mm)	400	400
刷丝长度范围(mm)	50-240	50-80
植毛孔径范围(mm)	2.5-8.0	2.0-5.0
主机功率(KW)	4.5	4.5
重量(KGS)	900	850
外形尺寸(LxWxH)mm	1520x1800x2060	1520x1800x2060

Technical Parameters

Model	VM70-13D	
Aixs	3	3
Tufting Head(pc)	1	1
Station(pc)	2	2
Processing Method	continuous production	continuous production
Tufting head journey(mm)	70	40
Max speed(hole/min)	≤ 500	≤ 600
Max length of Brush Plate(mm)	400	400
Filament length range(mm)	50-240	50-80
Hole dia. range(mm)	2.5-8.0	2.0-5.0
Power(KW)	4.5	4.5
Weight(KGS)	900	850
Dimension(LxWxH)mm	1520x1800x2060	1520x1800x2060

发刷钻植一体机

HAIR BRUSH DRILLING AND TUFTING MACHINE

机器特点

- HS40C是专门为圆棒刷设计，该机器有4个旋转工位，可以同时完成上料、钻孔、植毛加工要求，还可以根据需要加装自动剪毛机构，能高效的实现从毛坯到成品。
- 1.控制系统：CNC控制，中、英文显示界面。
 - 2.配有1个钻孔头和1个植毛头；
 - 3.可以生产各种滚刷或卷发刷；
 - 4.植毛方式：马丁或金属片式
 - 5.机器上的针，毛刀及所有零部件均为标准化设计，更换及维修非常的方便
 - 6.机器可生产两种颜色的毛刷；



Machine features

- HS40C is specifically designed for round hair brushes, the machine has 4 stations that carry simultaneously for feeding, drilling, filling station, available automatic trimmer unit make the HS40C a good level of automation
- 1. Control system: CNC control, Chinese and English display.
 - 2. Equipped with 1 drilling head and 1 tufting head
 - 3. Produce all kinds of roller brush or hair brush;
 - 4. Tufting way: round wire or flat wire
 - 5. All spare parts are standardized design, convenient for replacement and maintenance
 - 6. Color box: 2/3 colors

技术参数

型号	HS40C
轴数	6轴
生产速度	≤ 650孔/分钟
工位数量	4个
刷丝长度范围	40–80mm
植毛孔径范围	2.2–4mm
输入电源	380V.50Hz
主机功率	5.5KW
重量	1900KG
外形尺寸	长1750mm × 宽1700mm × 高2200mm

Technical Parameters

Model	HS40C
Axis	6
Production speed	≤ 650 hole / min
Station	4
Filament length range	40–80mm
Holes diameter range	2.2–4mm
Voltage	380V.50Hz
Machine power	5.5KW
Weight	1900KG
Dimension	L–1750mm × W–1700mm × H–2200mm

五轴多功能平毛机

5AIXS MULTIFUNCTION TRIMMING MACHINE



机器特点

APM具备五轴平毛功能，能适应各种刷子平毛需求，并可集成开花模块。工作台可灵活更换。可编程操作系统。双工位设计，生产效率高。

Machine features

APM have 5aixs trimming function, can satisfy the trimming requirement of various brushes, flagging function is optional. Worktable is flexible replacement; Programmable system; Double station design, High productivity.

技术参数

型号	APM
生产率(个/分钟)	5-12
主机功率(KW)	5
额定电压/频率(V.Hz)	220V 50Hz
重量(KGS)	1200
外形尺寸(L*W*H)mm	1890x1670x1640

Technical Parameters

Model	APM
Productivity(pc/min)	5-12
Power(KW)	5
Voltage/Frequency(V.Hz)	220V 50Hz
Weight(KGS)	1200
Dimension(L*W*H)mm	1890x1670x1640

链式平毛开花一体机

CHAIN TYPE BRUSH TRIMMING AND FLAGGING MACHINE



机器特点

LPM适用于扫把刷子类和洗衣刷子类的表面修整，可以选配开花刀头模块同时完成刷子的修绒要求。

Machine features

LPM is suitable for broom and washing brush trimming, flagging unit available.

技术参数

型号	LPM
生产率	12-16个/分钟
最大夹具数量	8个
输入电源	380V.50Hz
主机功率	5.5KW
重量	1500 KG
外形尺寸	长2620mm × 宽1110mm × 高1323mm

Technical Parameters

Model	LPM
Production speed	12-16pcs/minutes
Station	8pcs
Voltage	380V.50Hz
Machine power	5.5KW
Weight	1500 KG
Dimension	L-2620mm × W-1110mm × H-1323mm

圆盘平毛开花机

DISC TYPE TRIMMING AND FLAGGING MACHINE



机器特点

YPM400针对刷子的剪毛、修毛而设计。具有1个剪毛装置，2个开花装置、一个平毛装置和拍毛装置，可以修剪不同类型的扫把和刷子，和植毛机组合在一起，可以减少工序流转，提高生产效率。

Machine features

YPM400 is designed for cutting and trimming the brush. With 1 cutting unit, 2 flagging units, 1 trimming unit and clean unit. Can trimming different types of brooms and brushes, combine with tufting machine can reduce the process flow, increase productivity.

技术参数

型号	YPM
生产率(个/分钟)	10-15
最大夹具数量(个)	6
主机功率(kw)	4
额定电压/频率(V.Hz)	380V 50Hz
重量(KGS)	1200
外形尺寸(L×W×H)mm	1650×1030×1660

Technical Parameters

Model	YPM
Productivity(pc/min)	10-15
Max clamp qty(pc)	6
Power(KW)	4
Voltage/Frequency(V.Hz)	380V 50Hz
Weight(KGS)	1200
Dimension(L×W×H)mm	1650×1030×1660

圆球刷修毛机

SPHERICAL BRUSH TRIMMING MACHINE



机器特点

DMPM是针对圆形刷修毛而设计，如马桶刷、蜘蛛网刷、奶瓶刷、碟刷的表面修毛，机器有2个平毛刀和夹紧工装，可以同时修整2把刷子。刷子的直径是可以调节，完成修毛后，产品会自动落入料框，方便工人操作。

Machine features

DMPM is designed for trimming the round brushes, such as toilet brushes, cobweb dusters, glass washing and baby bottle brushes. Trimming is simultaneous for two brushes per work cycle and it is accomplished by means of two rotary-blade trimmers. The trimming diameter is adjustable, automatic unloading ensuring high productivity and very little operator time required to attend to the machine.

技术参数

型号	DMPM
生产率	12-16个/分钟
最大夹具数量	2个
输入电源	380V.50Hz
主机功率	1.5KW
重量	800 KG
外形尺寸	长1100mm×宽1110mm×高1812mm

Technical Parameters

Model	DMPM
Production speed	12-16pcs/min
Station	2pcs
Voltage	380V.50Hz
Machine power	1.5KW
Weight	800 KG
Dimension	L-1100mm×W-1110mm×H-1812mm

五轴三头钻植一体机

5AIXS 3HEADS DRILLING AND TUFTING BRUSH MACHINE

机器特点

- VM70-15C 包含有 2 个钻孔头和 1 个植毛头，模块化设计，轻松解决多品种、小批量的生产需要，可以作为制刷工厂的入门设备，更换平台可以生产扫把、厕所刷、碟刷、圆滚刷等产品。
- 1. 植毛方式：可选配金属片式或马丁式植毛头
 - 2. 人机触摸屏控制系统，中英文显示，操作灵活方便；
 - 3. 允许预存 1000 款不同的刷子程序，编一个新的程序也十分简单
 - 4. 机器上的针，毛刀及所有零部件均为标准化设计，更换及维修非常的方便
 - 5. 我们的机器可生产两种或三种颜色的毛刷。
 - 7. 可选配不同的平台可以生产不同类型不同角度的刷子或扫把；
 - 8. 可选用的平台类型有：
 - 可生产斜度/垂直刷毛角度的平台；
 - 可生产球形马桶刷和半球形洗碟刷的平台；
 - 可生产管状工业刷或发梳的平台



Machine features

- VM70-15C contains 2 drilling heads and a tufting head, modular design, easy to solve many varieties, small batch production needs, can be used as the primer brush-making factory equipment, replaced platform production broom, toilet brush, disc brush, roller brush, and other products
- 1. Tufting way: Flat wire or round wire
 - 2. The human-machine touch screen control system, Chinese and English display, convenient operation;
 - 3. Allows stored program 1000 different models of the brush, set up a new program is also very simple
 - 4. Wearing and spare parts are standardized designs, replace and maintenance is very convenient,
 - 5. Can produce the brush with 1 to 3 colors.
 - 6. Optional different platforms for different types brush.
 - 7. Optional platform types is
 - 8. Can choose the platform types are:
 - Platform in produce slope /vertical angle of brush;
 - Platform in produce spherical toilet brush and semi-spherical dish brush;
 - Platform in produce tubular industrial brush and hair brush

技术参数

型号	VM70-15C
轴数	5
植毛头(个)	1
钻孔头(个)	2
毛嘴行程(mm)	70
最大速度(孔/分钟)	400
刷板最大直径(mm)	600
刷丝长度范围(mm)	50-240
植毛孔径范围(mm)	3.0-8.0
主机功率(KW)	4.5
额定电压/频率(V.Hz)	380V 50Hz
重量(KGS)	3000
外形尺寸(L × W × H)mm	3330 × 2520 × 2170

Technical Parameters

Model	VM70-15C
Axis	5
Tufting head(pc)	1
Drilling head(pc)	2
Tufting head journey(mm)	70
Max speed(hole/min)	400
Max width of brush base(mm)	600
Filament length range(mm)	50-240
Hole dia. range(mm)	3.0-8.0
Power(KW)	4.5
Voltage/Frequency(V.Hz)	380V 50Hz
Weight(KGS)	3000
Dimension(L × W × H)mm	3330 × 2520 × 2170

龙门钻植一体机

LONGMEN DRILLING AND TUFTING BRUSH MACHINE

机器特点

LM120-15D五轴龙门自动钻植一体机针对圆滚刷、盘刷、平板刷的钻孔植毛需求而开发设计，具有2个钻孔头和1个植毛头，机器具有大行程和大孔径的特点，操作简单方便，可以满足多品种小批量刷子生产的需要。



Machine features
LM120-15D LongMen is specifically designed for round brush,disc brush,flat brush. the machine is 5aixs,has 2drilling head and 1filling head, the machine with long journey and large diameter that simple to operation, can meet the request for production the many varieties of small batch brush.

技术参数

型号	LM120-15D
轴数	5
植毛头(个)	1
钻孔头(个)	2
毛嘴行程(mm)	120
最大速度(孔/分钟)	400
刷丝长度范围(mm)	50-360
植毛孔径范围(mm)	4.0-8.0
主机功率(kw)	5.5
重量(KGS)	3800
外形尺寸(L×W×H)mm	3260×2320×2350
伺服电机(个)	6
额定电压/频率(V.Hz)	380V 50Hz
气压(MPa)	0.6-0.8
工位数量(个)	2
耗气量(m³)	0.3

Technical Parameters

Model	LM120-15D
Axis	5
Tufting head(pc)	1
Drilling head(pc)	2
Tufting head journey(mm)	120
Max speed(hole/min)	400
Filament length range(mm)	50-360
Hole dia. range(mm)	4.0-8.0
Power(KW)	5.5
Weight(KGS)	3800
Dimension(L×W×H)mm	3260×2320×2350
Servo motor(pc)	6
Voltage/Frequency(V.Hz)	380V 50Hz
Air pressure(MPa)	0.6-0.8
Station qty(pc)	2
Gas consumption(m³)	0.3

龙门钻植一体机

LONGMEN DRILLING AND TUFTING BRUSH MACHINE

机器特点

LM120-14D龙门自动钻植一体机针对圆滚刷、盘刷、平板刷的垂直钻孔植毛需求而开发设计，具有2个钻孔头和1个植毛头，机器具有大行程和大孔径的特点，操作简单方便，可以满足多品种小批量刷子生产的需要。



Machine features

LM120-14D LongMen is specifically designed for round brush,disc brush,flat brush. the machine has 2drilling head and 1filling head, the machine with long journey and large diameter that simple to operation, can meet the request for production the many varieties of small batch brush.

技术参数

型号	LM120-14D
轴数	4
植毛头	1
钻孔头	2
毛嘴行程(mm)	120
最大速度(孔/分钟)	400
刷丝长度范围(mm)	50-360
植毛孔径范围(mm)	4.0-8.0
能耗(kw)	5.5
重量(kg)	3800
外形尺寸(LxWxH)mm	7880 × 2860 × 2120
伺服电机(数量)	4
输入电源(V.Hz)	380V. 50Hz
气压(MPa)	0.6-0.8
工位数量(个)	2
耗气量(m³)	0.3

Technical Parameters

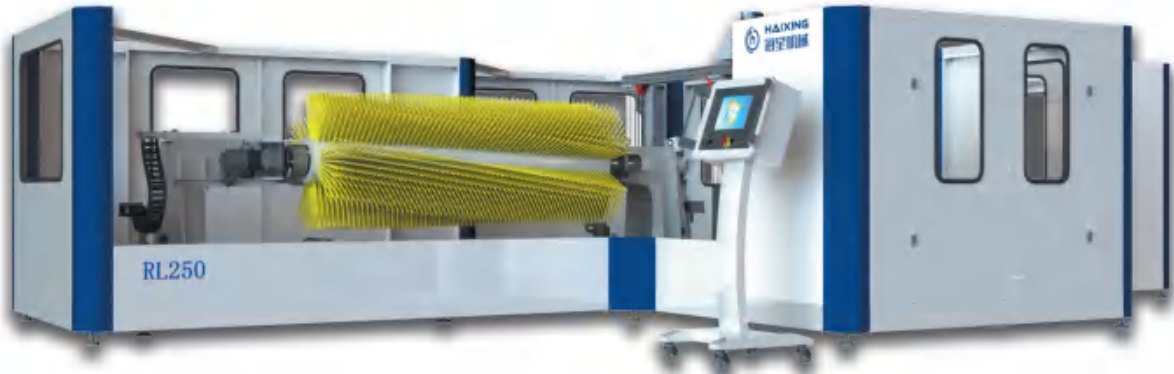
Model	LM120-14D
Axis	4
Tufting head(pc)	1
Drilling head(pc)	2
Tufting head journey(mm)	120
Max speed(hole/min)	400
Fliament length range(mm)	50-360
Hole dia. range(mm)	4.0-8.0
Power(KW)	5.5
Weight(KGS)	3800
Dimension(L × W × H)mm	7880x2860x2120
Servo motor(pc)	4 sets
Voltage/Frequency(V.Hz)	380V. 50Hz
Air pressure(MPa)	0.6-0.8
Station qty(pc)	2
Gas consumption(m³)	0.3

卧式滚刷、盘刷钻植一体机

HORIZONTAL ROLLS BRUSH DRILLING AND TUFTING MACHINE

机器特点

- RL250是专门针对长滚刷而设计，可以完成各种食品机械和其他工业设备共同需要的滚刷类的钻孔、植毛，人性化的结构设计和操作系统：CNC控制的五个轴，人机触摸屏控制系统，中英文显示，操作灵活方便；具有精确的故障信息及自动停机功能，输入刷子的数据很短的时间就可以生成刷子的加工程序；
- 1.配有1个钻孔头和1个植毛头；
 - 2.可选配不同的平台可以生产各种滚刷或长板刷；
 - 3.植毛方式：马丁式植毛头
 - 4.允许预存1000款不同的刷子程序，编一个新的程序也十分简单
 - 5.机器上的针，毛刀及所有零部件均为标准化设计，更换及维修非常的方便
 - 6.机器可生产两种颜色的毛刷；



Machine features

- RL250 is specifically designed for long roller brush, can meet the request of drilling and tufting the roll brush from food machine and other industrial equipment. Humanized design of structure and the operating system: the five axis CNC control, human-machine touch screen control system, Chinese and English display, convenient operation;Have accurate fault information and automatic stop function, data input the brush a short period of time can generate a brush processing program;
- 1. With 1 drilling head and 1 tufting head;
 - 2. Optional different platforms can produce all kinds of roller brush or long scrub brush;
 - 3.Tufting way: round wire.
 - 4. Allows stored program 1000 different models of the brush, set up a new program is also very simple
 - 5.Wearing and spare parts are standardized designs, replace and maintenance is very convenient.
 - 6.Can produce the brush with 2 colors.

技术参数

型号	RL250
轴数	5轴
生产速度	≦350孔/分钟
伺服电机	15个
工位数量	2个
刷丝长度范围	100-600mm
植毛孔径范围	4-12mm
输入电源	380V.50Hz
主机功率	11KW
重量	4500KG
外形尺寸	长8918mm×宽5448mm×高2310mm

Technical Parameters

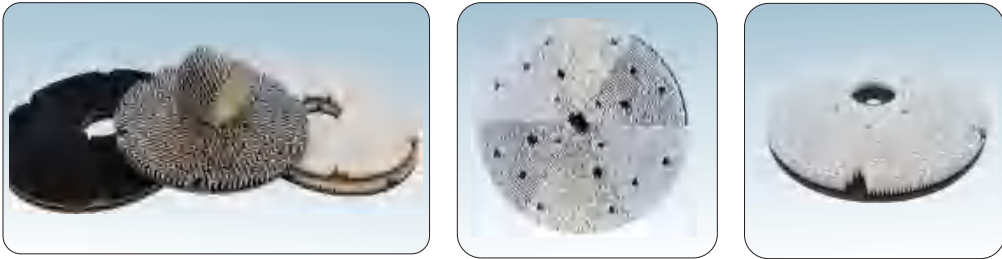
Model	RL250
Axis	5
Production speed	≦350 holes/Min
servo motor	15pcs
Station	2
Filament length range	100-600mm
Holes diameter range	4-12mm380V
Voltage	380V.50Hz
Machine power	11KW
Weight	4500KG
Dimension	L-8918mm×W-5448mm×H-2310mm

斜孔钻植一体机

DISC BRUSH INCLINED HOLE DRILLING AND TUFTING BRUSH MACHINE

机器特点

HX120-15D针对斜孔刷而设计，有一个钻孔头和一个植毛头，可以满足斜孔刷的钻孔、植毛的高速生产需求。



Machine features

HX120-15D is designed for inclined hole brush, with one drilling and one tufting head, can meet the demand of high speed production.

技术参数

型号	HX120-15D
轴数	5
植毛头(个)	1
钻孔头(个)	1
毛嘴行程(mm)	120
最大速度(孔/分钟)	380
刷板最大直径(mm)	880
刷丝长度范围(mm)	50-360
植毛孔径范围(mm)	3.0-10.0
主机功率(KW)	15.5
重量(KGS)	3500
外形尺寸(LxWxH)mm	3020x3720x2930
伺服电机(个)	8
额定电压/频率(V.Hz)	380V 50Hz
气压(MPa)	0.6-0.8
工位数量(个)	1
耗气量(m³)	0.5

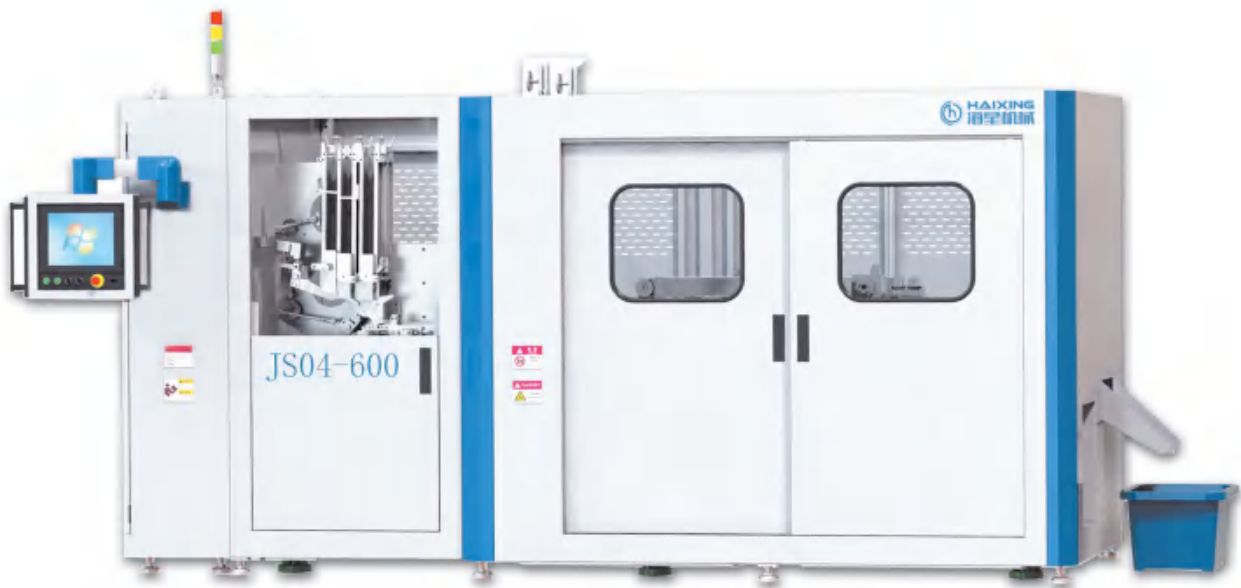
Technical Parameters

Model	HX120-15D
Axis	5
Tufting head(pc)	1
Drilling head(pc)	1
Tufting head journey(mm)	120
Max speed(hole/min)	380
Max width of brush base(mm)	880
Fliament length range(mm)	50-360
Hole dia. range(mm)	3.0-10.0
Power(KW)	15.5
Weight(KGS)	3500
Dimension(LxWxH)mm	3020x3720x2930
Servo motor(pc)	8
Voltage/Frequency(V.Hz)	380V 50Hz
Air pressure(MPa)	0.6-0.8
Station qty(pc)	1
Gas consumption(m³)	0.5

绞丝机
TWIST BRUSH MACHINE

机器特点

JS04-600采用全电脑数控技术，整机机械性能稳定，PLC自动编程，在刷型的更换上方便快捷。适合单根铁丝或4根铁丝绞丝刷，各类毛丝如pp、pe、猪鬃、尼龙等。



Machine features

JS04-600 using full computer numerical control technology, with stability mechanical performance、PLC automatic programming, convenient and quick brush type change. Suitable for single wire or 4 wire twisted brush, all kinds of filament such as PP,PE, bristle, nylon, etc.

技术参数

型号	JS04-600
轴数	14
绞丝头	4
最大速度(根/分钟)	6 (0.6米/根)
毛刷平毛直径(mm)	5-120
能耗(kw)	14
重量(kg)	3500
外形尺寸(LxWxH)mm	4530x1900x2490
伺服电机(数量)	14个
额定电压/频率(V.Hz)	380V.50Hz
气压(MPa)	0.6-0.8
工位数量(个)	2
耗气量(m³)	0.3

Technical Parameters

Model	JS04-600
Axis	14
Hank head	4
Max speed (root/min)	6 (0.6m/pc)
Flat hair diameter of brush	5-120
Machine power	14
Weight	3500
Dimension(LxWxH)mm	4530x1900x2490
servo motor	14pcs
voltage	380V.50Hz
pressure	0.6-0.8
Station	2
Air consumption	0.3

抛光刷穿线机
POLISHING BRUSH THREADING MACHINE

机器特点

VC130-12A针对抛光刷而设计。采用全电脑数控技术，整机机械性能稳定、PLC自动编程，方便快捷的刷型更换。有一个送毛装置、一个送胶条装置和一个穿线装置，穿毛材料如PP、PE、猪鬃、尼龙、墨西哥白棕等，可以满足各类抛光刷的穿线生产需求。



Machine features

VC130-12A is designed for polishing brush. Using full computer numerical control technology, with stability mechanical performance、PLC automatic programming, convenient and quick brush type change. Equip with filament feeding device,rubber strip feeding device and a threading device, threading materials such as PP, PE, bristle, nylon, Mexico white brown, etc., can meet threading production needs of all kinds of polishing brushes.

技术参数

型号	VC130-12A
轴数	16
最大速度(孔/分钟)	≤ 150
刷板最大直径(mm)	1300
刷丝/胶条长度范围(mm)	58-102
植毛孔径范围(mm)	6
主机功率(KW)	12
重量(KGS)	2700
外形尺寸(L × W × H)mm	3760 × 2310 × 2110
伺服电机(个)	16
额定电压/频率(V.Hz)	380V.50Hz
气压(MPa)	0.6-0.8
工位数量(个)	1
耗气量(m³)	0.5

Technical Parameters

Model	VC130-12A
Axis	16
Max speed(hole/min)	≤ 150
Max width of brush base(mm)	1300
Filament length range(mm)	58-102
Hole dia. range(mm)	6
Power(KW)	12
Weight(KGS)	2700
Dimension(L × W × H)mm	3760 × 2310 × 2110
Servo motor(pc)	16
Voltage/Frequency(V.Hz)	380V.50Hz
Air pressure(MPa)	0.6-0.8
Station qty(pc)	1
Gas consumption(m³)	0.5