

FEDA
Quality is our culture

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深圳飞道尔实业有限公司
Shenzhen Feda Machinery Industry Co.,Ltd

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Company profile 公司简介 | 公司简介 Company profile

Feda

FEDA持续22年专注滚丝机、滚丝轮，攻牙机，自动车床等制造，是一家集研发、生产、销售于一体的现代化国家级高新技术企业，总部设在中国·深圳。

早在2014年，成功地自主研发出数控滚丝机，备受业界关注，用于加工高精密的蜗杆，轴类零件等产品，其性能优越，操作简便，技术水平国内遥遥领先。

FEDA拥有20多个规格，涵盖从航空航天到民用交通（汽车摩托）等应用领域，具体产品如配件，轴心蜗杆，精密丝杆等。

FEDA荣获多项核心发明专利，降低成本约30%，提高效率1.5倍，为行业的技术进步做出了重要贡献。

公司成熟稳定地批量化生产，对重要尺寸进行铲括配置，对设备液压、冷却、电控系统进行层层把关，严格执行ISO9001-2008国际质量管理体系标准。

秉持苛求完美的产品理念，以诚信务实为行为准则，以客户轻松为使命，争做行业领导者！与客户共同成长！

质量和优质的售后服务是我们的文化。

FEDA is a modern state-level high-tech enterprise integrating R&D, production and sales, which focus on manufacturing of thread rolling machine, rolling dies, tapping machine and auto lathe machine for 22 years, locates in Shenzhen, China.

Early in 2014, we developed the CNC thread rolling machine successfully, got much attention in industry, it is used for processing high-precision worm, shaft parts and other products. Its superior performance, easy operation and technical level are second to none in domestic.

FEDA has more than 20 models, ranging from aerospace to civil traffic (Car and motorcycle) and other applications, specific products such as accessories, shaft worm, precision screw and so on.

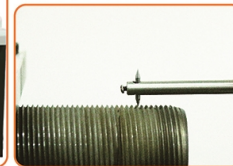
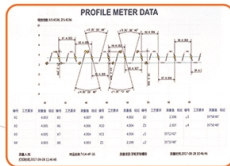
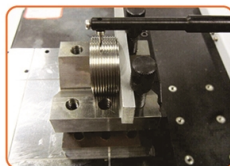
FEDA won a number of core patents, such as processing and straightening rolling dies (patent number: ZL 2010 1 0552356.8) and thread rolling machine automation (patent number: ZL 2010 1 0199885.4), reduce costs by about 30%, improve the efficiency of 1.5 times, has made important contributions for the industry's technological progress.

The company has mature and stable mass production, shovel configuration on important dimensions, strict control on hydraulic, cooling, electrical control system of the equipment, strict implementation of ISO9001-2008 international quality management system standards.

Uphold the idea of perfect product, regard integrity and pragmatic as norms, making customers relaxed as mission, to become leader in the industry leader! And grow together with customers!

Quality and best after sale service are our culture.

检测仪器 Testing equipments



我们工厂 Our factory

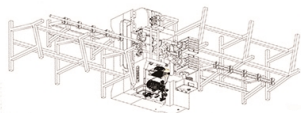


Thread rolling machine 滚丝机 | 滚丝机 Thread rolling machine



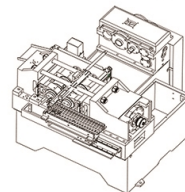
两轴滚丝机

Two roll thread rolling machine



两轴滚丝机

Two roll thread rolling machine



技术参数/Technical Parameters		
项目 Item	型号 Model	FD-50T
外径范围	Diameter range	φ12-110mm
节距范围	Pitch range	1.0-10mm
螺纹长度	Thread length	In feed or Thru feed
主轴转速	Spindle speed	16/21/27/37/46/62rpm (variable speed)
滚轮外径	Outside diameter of rolling die	φ170-240mm
滚轮内孔	Inside diameter of rolling die	φ85mm
滚轮厚度	Thickness of rolling die	200mm
加工效率	Output(pcs/min)	5-30(pcs/min)
主电机	Main motor	25HP
液压电机	Hydraulic motor	7.5HP
最大滚压力	Max.Rolling pressure	50T
电源电压	Supply voltage	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	2350*2100*1950mm
体积	Dimension(L*W*H)	1650*1720*1700mm
重量	Weight(reference)	5100(KG)

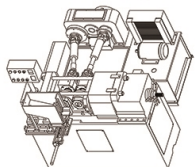
技术参数/Technical Parameters			
项目 Item	型号 Model	FD-25T	FD-15T
外径范围	Diameter range	φ12-80mm	φ4-60mm
节距范围	Pitch range	1.0-8mm	0.8-5mm
螺纹长度	Thread length	In feed or Thru feed	In feed or Thru feed
主轴转速	Spindle speed	16/27/37/62rpm (variable speed)	28/35/45/56rpm
滚轮外径	Outside diameter of rolling die	φ170-220mm	φ135-178mm
滚轮内孔	Inside diameter of rolling die	φ75mm	φ54mm
滚轮厚度	Thickness of rolling die	160mm	120mm
两滚轮轴中心距	Distance between the 2 roller shafts	140-300mm	120-240mm
加工效率	Output(pcs/min)	10-35(pcs/min)	10-40(pcs/min)
主电机	Main motor	15HP	7.5HP
液压电机	Hydraulic motor	4HP	3HP
最大滚压力	Max.Rolling pressure	25T	15T
电源电压	Supply voltage	380V 3P 50Hz	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	1630*1650*1750mm	1560*1550*1260 mm
体积	Dimension(L*W*H)	1580*1600*1650mm	1600*1540*1550 mm
重量	Weight(reference)	3560(KG)	2500(KG)

Thread rolling machine 滚丝机 | 滚丝机 Thread rolling machine



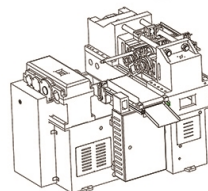
两轴滚丝机

Two roll thread rolling machine



两轴滚丝机

Two roll thread rolling machine



技术参数/Technical Parameters		
项目 Item	型号 Model	FD-35T
外径范围	Diameter range	φ12-90mm
节距范围	Pitch range	1.0-8mm
螺纹长度	Thread length	In feed or Thru feed
主轴转速	Spindle speed	16/21/27/37/46/62rpm (variable speed)
滚轮外径	Outside diameter of rolling die	φ170-220mm
滚轮内孔	Inside diameter of rolling die	φ75mm
滚轮厚度	Thickness of rolling die	180mm
加工效率	Output(pcs/min)	8-35(pcs/min)
主电机	Main motor	20HP
液压电机	Hydraulic motor	4HP
最大滚压力	Max.Rolling pressure	35T
电源电压	Supply voltage	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	1660*1780*1710mm
体积	Dimension(L*W*H)	1600*1680*1650mm
重量	Weight(reference)	4080(KG)

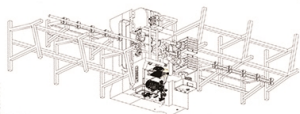
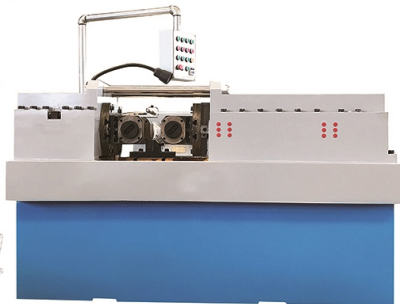
技术参数/Technical Parameters			
项目 Item	型号 Model	FD-20T	FD-12T
外径范围	Diameter range	φ12-70mm	φ2-20mm
节距范围	Pitch range	1.0-6mm	0.4-2.5mm
螺纹长度	Thread length	In feed or Thru feed	In feed & Thru feed
主轴转速	Spindle speed	28/35/45/56rpm (variable speed)	42/53/68/87rpm
滚轮外径	Outside diameter of rolling die	φ178mm	φ120mm-175mm
滚轮内孔	Inside diameter of rolling die	φ54mm	φ4mm
滚轮厚度	Thickness of rolling die	140mm	80mm
两滚轮轴中心距	Distance between the 2 roller shafts	120-240mm	90-120mm
加工效率	Output(pcs/min)	10-40(pcs/min)	20-50(pcs/min)
主电机	Main motor	10HP	5.5HP
液压电机	Hydraulic motor	4HP	/
最大滚压力	Max.Rolling pressure	20T	12T
电源电压	Supply voltage	380V 3P 50Hz	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	1600*1510*1750mm	1325*1300*1400 mm
体积	Dimension(L*W*H)	1550*1460*1650mm	1176*1160*1200 mm
重量	Weight(reference)	2800(KG)	1500(KG)

Thread rolling machine 滚丝机 | 滚丝机 Thread rolling machine



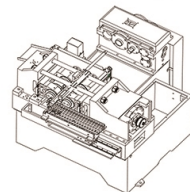
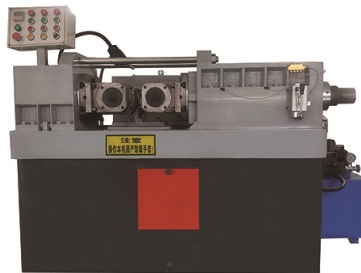
两轴滚丝机

Two roll thread rolling machine



两轴滚丝机

Two roll thread rolling machine



技术参数/Technical Parameters		
项目 Item	型号 Model	FD-63S
外径范围	Diameter range	φ5-120/mm
节距范围	Pitch range	0.8-12.0P
螺纹长度	Thread length	In feed or Thru feed (定滚或通滚)
主轴转速	Spindle speed	10-65rpm (Variable speed 可调速)
滚轮外径	Outside diameter of rolling die	φ200-270mm
滚轮内孔	Inside diameter of rolling die	φ100mm
滚轮厚度	Thickness of rolling die	Max. 240 mm
加工效率	Output(pcs/min)	5-30(pcs/min)
主电机	Main motor	20HP
液压电机	Hydraulic motor	5HP
最大滚压力	Max.Rolling pressure	50T
电源电压	Supply voltage	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	2490*2580*2090 mm
体积	Dimension(L*W*H)	2400*2500*2000 mm
重量	Weight(reference)	8850KG

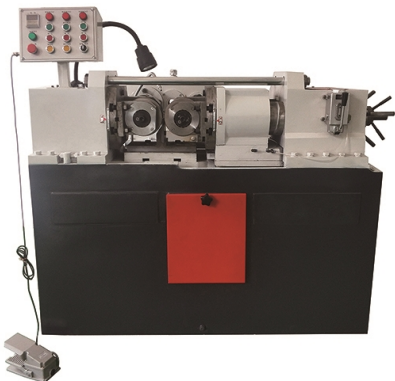
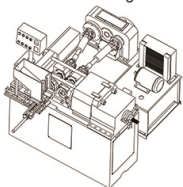
技术参数/Technical Parameters			
项目 Item	型号 Model	FD-50E	FD-40E
外径范围	Diameter range	φ5-100/m	φ5-80/mm
节距范围	Pitch range	0.8-8.0P	0.8-6.0P
螺纹长度	Thread length	In feed or Thru feed (定滚或通滚)	In feed or Thru feed (定滚或通滚)
主轴转速	Spindle speed	16/25/40/63rpm (Variable speed 可调速)	16/25/40/63rpm (Variable speed 可调速)
滚轮外径	Outside diameter of rolling die	φ145-235mm	φ135mm-215mm
滚轮内孔	Inside diameter of rolling die	φ75mm	φ75mm
滚轮厚度	Thickness of rolling die	120mm	120mm
两滚轮轴中心距	Distance between the 2 roller shafts	140-320mm	130-260mm
加工效率	Output(pcs/min)	4-25(pcs/min)	4-25(pcs/min)
主电机	Main motor	10HP	7.5HP
液压电机	Hydraulic motor	2HP	2HP
最大滚压力	Max.Rolling pressure	40T	20T
电源电压	Supply voltage	380V 3P 50Hz	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	1950*2100*1500 mm	1670*1840*1440 mm
体积	Dimension(L*W*H)	1850*1910*1380 mm	1570*1740*1340 mm
重量	Weight(reference)	3650KG	2850KG

Thread rolling machine 滚丝机 | 滚丝机 Thread rolling machine



两轴滚丝机

Two roll thread rolling machine

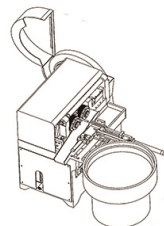


技术参数/Technical Parameters			
项目 Item	型号 Model	FD-25E	FD-30E
外径范围	Diameter range	φ4-42/mm	φ4-50/mm
节距范围	Pitch range	0.7-3.5P	0.7-4.0P
螺纹长度	Thread length	In feed or Thru feed (定滚或通滚)	In feed or Thru feed (定滚或通滚)
主轴转速	Spindle speed	36/47/60/78rpm	16/25/40/63rpm
滚轮外径	Outside diameter of rolling die	φ135mm-170mm	φ115mm-175mm
滚轮内孔	Inside diameter of rolling die	φ54mm	φ54mm
滚轮厚度	Thickness of rolling die	110mm	120mm
两滚轮轴中心距	Distance between the 2 roller shafts	120-240mm	110-230mm
加工效率	Output(pcs/min)	5-35 pcs/min	5-25 pcs/min
主电机	Main motor	5.5HP	5.5HP
液压电机	Hydraulic motor	3HP	3HP
最大滚压力	Max.Rolling pressure	15T	15T
电源电压	Supply voltage	380V 3P 50Hz	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	1600*1480*1240 mm	1470*1600*1400 mm
体积	Dimension(L*W*H)	1500*1380*1140 mm	1380*1520*1280 mm
重量	Weight(reference)	1850KG	2150KG



两轴滚丝机

Two roll thread rolling machine



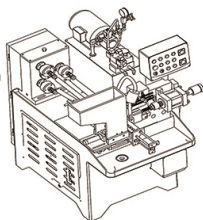
技术参数/Technical Parameters		
项目 Item	型号 Model	FD-3T
外径范围	Diameter range	φ2-10/mm
节距范围	Pitch range	0.4-1.5P
螺纹长度	Thread length	28mm
主轴转速	Spindle speed	27rpm
滚轮外径	Outside diameter of rolling die	φ100mm
滚轮内孔	Inside diameter of rolling die	φ50.5mm
滚轮厚度	Thickness of rolling die	30mm
两滚轮轴中心距	Distance between the 2 roller shafts	90-130mm
主电机	Main motor	1HP
床面至滚轮中心距	Center distance from bed surface to roller	85mm
电源电压	Supply voltage	380V 3P 50Hz
包装尺寸	Package dimension(L*W*H)	780*680*870 mm
体积	Dimension(L*W*H)	650*600*750 mm
重量	Weight(reference)	300KG

Thread rolling machine 滚丝机 | 滚丝机 Thread rolling machine



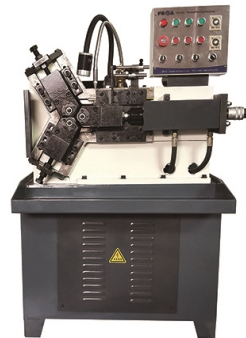
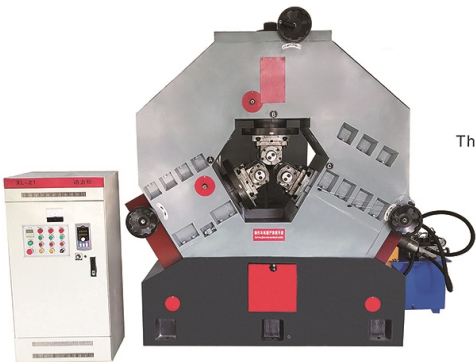
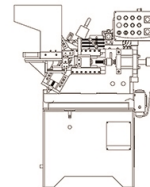
三轴滚丝机

Three roll thread rolling machine



三轴滚丝机

Three roll thread rolling machine



技术参数/Technical Parameters			
项目 Item	型号 Model	FD-80F	
外径范围	Diameter range	30-80mm	
节距范围	Pitch range	2-8mm	
螺纹长度	Thread length	In feed or Thru feed(定滚或通滚)	
滚轮外径	Outside diameter of rolling die	120-175 mm	
滚轮内孔	Inside diameter of rolling die	54 mm	
滚轮厚度	Thickness of rolling die	100mm	
滚轮转速	Rotation speed of rolling die	42/67/92/148 rpm	
主电机	Main motor	7.5KW(10HP)	
液压电机	Hydraulic motor	3.75KW	
最大滚压力	Max.rolling pressure	12.5T	
冷却泵功率	Cooling pump	120W	
液压油冷却方式	Hydraulic oil cooling method	Air-cooling	
包装尺寸	Package Dimension(L*W*H)	2000*1850*2360mm	
体积	Dimension(L*W*H)	1970*1800*2300mm	
重量	Weight(reference)	6250KG	

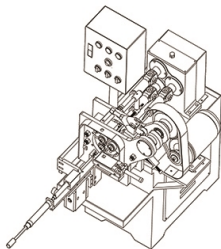
技术参数/Technical Parameters			
项目 Item	型号 Model	FD-30A	FD-60F
外径范围	Diameter range	φ7-35mm	φ18-60mm
节距范围	Pitch range	0.5-2.5mm	1.0-4.0mm
螺纹长度	Thread length	In feed or Thru feed	In feed or Thru feed(定滚或通滚)
主轴转速	Spindle speed	350-600rpm (variable speed)	220/360/560/750rpm (Variable speed 可变速)
滚轮外径	Outside diameter of rolling die	φ78mm- 90mm	φ118mm- 130mm
滚轮内孔	Inside diameter of rolling die	φ25.4mm&φ35mm	φ40mm
滚轮厚度	Thickness of rolling die	40mm	50mm
滚轮轴中心距	Center distance between rolling spindles	55-90mm	90-105mm
加工效率	Output(pcs/min)	5-30(pcs/min)	5-30(pcs/min)
滚轮轴倾角	Swiveling angle(degree)	±3°	±3°
主电机	Main motor	3HP	5.5HP
液压电机	Hydraulic motor	2HP	3HP
最大滚压力	Max.Rolling pressure	6T	12T
电源电压	Supply voltage	380V 3P 50Hz	380V 3P 50Hz
包装尺寸	Package Dimension(L*W*H)	1280*1100*1600 mm	1650*1530*1620mm
体积	Dimension(L*W*H)	1180*1000*1500 mm	1600*1500*1600 mm
重量	Weight(reference)	650KG	1350KG

Thread rolling machine 滚丝机 | 滚丝机 Thread rolling machine



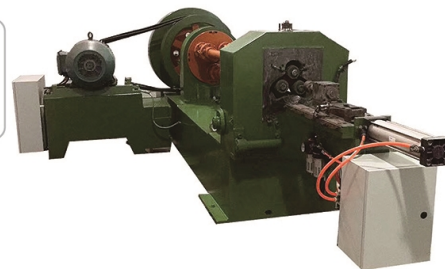
三轴滚丝机

Three roll thread rolling machine



铁路道钉滚丝机

Railway spike thread rolling machine



技术参数/Technical Parameters			
项目 Item	型号 Model	FD-35GY	FD-16GY
可制外径	Diameter range	φ16-30/mm	φ10-16/mm
节距范围	Pitch range	0.5-2.5P	1.0-1.75P
螺纹长度	Thread length	20mm	15mm
滚轮外径	Outside diameter of rolling die	φ55mm-75mm	φ44mm-60mm
滚轮内孔	Inside diameter of rolling die	φ35mm	φ25.4mm
滚轮厚度	Thickness of rolling die	20mm	15mm
凸轮电机	Cam motor	200W	100W
主电机	Main motor	3HP	2HP
包装尺寸	Package dimension(L*W*H)	1050*750*1150mm	940*790*1290 mm
体积	Dimension(L*W*H)	950*700*1050mm	840*690*1190 mm
重量	Weight(reference)	300KG	250KG

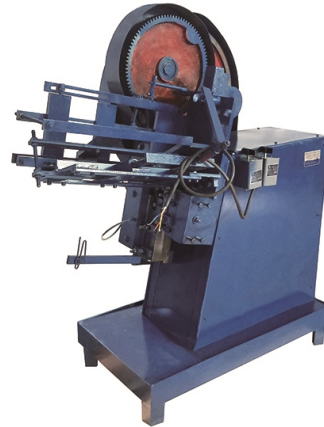
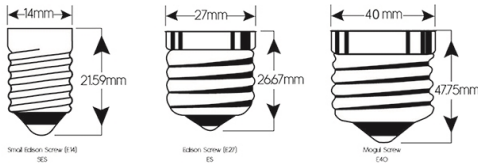
技术参数/Technical Parameters		
项目 Item	型号 Model	FD-30D
外径范围	Diameter range	φ12.7-27
节距范围	Pitch range	6mm-13mm
螺纹长度	Thread length	Max.300mm
主轴转速	Spindle speed	280rpm
滚轮外径	Outside diameter of rolling die	φ80.5mm
滚轮内孔	Inside diameter of rolling die	φ39mm
滚轮厚度	Thickness of rolling die	60mm
加工效率	Output(pcs/min)	10-15(pcs/min)
主电机	Main motor	22KW
电源电压	Supply voltage	AC380V / 50HZ
重量	Weight(reference)	4450KG
电机体积	Motor dimension	110*130*90mm(L*H*W)
机器体积	Machine dimension(L*W*H)	4150*1360*1160mm(L*H*W)

Thread rolling machine 滚丝机 | 搓丝机 Thread rolling machine



灯头滚丝机

Lamp cap thread rolling machine



立式搓丝机

Vertical thread rolling machine

技术参数/Technical Parameters

项目 Item	型号 Model	FD-XY
可制外径	Diameter of workpieces	φ20-100/mm
节距范围	Range of pitch	2-10P
螺纹长度	Thread length	In feed or Thru feed (定滚或通滚)
最大管壁	Max.Thickness of pipe	1.5mm
电源电压	Supply voltage	380V 50Hz 3P
送料方式	Feeding type	Automatic feeding (自动送料)
电机	Machine motor	2.2KW
重量	Weight(reference)	350(KG)
体积	Dimension(L*W*H)	1330*1120*1050 mm
包装体积	Package Dimension(L*W*H)	1400*1500*1200 mm
工作原理	Working principle	Cold extrusion rolling (冷挤压)
应用	Application	Pipe fittings, lamp cap, etc (管帽, 灯饰等)

技术参数/Technical Parameters

项目 Item	型号 Model	FD-208F
颜色	Color	Green or customised (绿色或定制)
可制外径范围	Diameter range	φ5-12/mm
最大滚牙长度	Max.Thread Length	60mm
静模尺寸	Fixed rolling dies size	190*60*120mm
动模尺寸	Moving rolling dies size	215*60*120mm
电源电压	Power voltage	380V 50Hz 3P
加工效率	Capacity	40-50 pcs/min
主机马达	Main motor	4KW
重量	Weight	650KG
体积	Dimension(L*W*H)	1100*650*1850mm

Tapping machine 攻牙机 | 攻牙机 Tapping machine



立式攻牙机
Vertical tapping machine



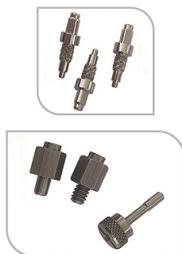
卧式攻牙机
Horizontal tapping machine

技术参数/Technical Parameters		
项目 Item	型号 Model	FD-2S14
可制内径范围	Inner diameter range	φ3-14
可制长度范围	Length range	5-20mm
轴数	Number of spindle	2&4
加工效率	Capacity	30-40pcs/min
总功率	Total power	5.5KW
主轴马达	Spindle motor	2.2KW
电源电压	Power voltage	380V 50Hz 3P
送料马达	Vibration motor	0.75KW
冷却泵马达	Cooling Pump motor	250W
气压	Barometric pressure	0.6MP
重量	Weight	650KG
体积	Dimension(L*W*H)	1350*1350*1850mm

技术参数/Technical Parameters			
项目 Item	型号 Model	FD-4508	FD-6S16
主轴最大行程	Maximum spindle stroke	45mm	65mm
攻牙内径范围	Thread diameter	φ2-8/mm	φ2-16/mm
主轴直径	Spindle diameter	42mm	70mm
主轴端与台面距离	Distance between spindle and table	350mm	350mm
工作台尺寸	Working table size	680*560*680mm	720*650*680mm
底座尺寸	Base size	440*300mm	590*420mm
加工效率	Capacity	10-15pcs/min	7-10pcs/min
电机	Motor	0.75KW	1.5KW
主轴转速范围	Spindle speed range	50HZ-1340, 760, 420 rpm	50HZ-590, 400, 250rpm
重量	Weight	About 750KG	About 860KG
体积	Dimension(L*W*H)	1250*1100*1560mm	1280*1200*1780mm

Vibration Bowl Feeder

滚丝轮 Thread rolling dies



自动送料机
Automatic Feeder

技术参数/Technical Parameters			
项目 Item	型号 Model	FD-VB30	FD-VB50
外径	Diameter of bowl	250-350mm	450-550mm
高度	Height	180-260mm	350-400mm
加工效率	Speed	10-80 pcs/min	10-100 pcs/min
盘面材质	Material of bowl	Stainless steel(不锈钢)	Stainless steel(不锈钢)
供应电压	Voltage supply	220V	220V
分料方式	Dividing method	Physical method	Physical method
振动频率	Vibration frequency	Adjustable(可调)	Adjustable(可调)
容纳产品数量	Quantity of products	300-800 pcs	500-1000 pcs
体积	Dimension(L*W*H)	400*400*500mm	600*600*750mm
重量	Weight	About 15KG	About 30KG

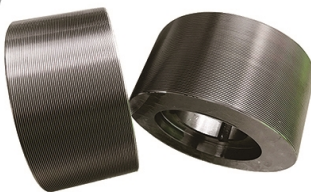
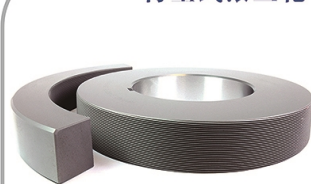
On-line thread rolling head

在线滚牙头



Planetary thread rolling dies

行星式滚丝轮



两轴滚丝轮

Two roll thread rolling dies



三轴滚丝轮

Three roll thread rolling dies

Factory introduction 工厂介绍

滚制螺纹滚造径一览 Comparison table for diameter before rolling

生产车间
Production workshop



客户案例
Customer case



成品出货
Products for shipping



公制螺纹 Metric thread		美制粗牙螺纹 American Coarse Thread		PT PS PF 英制管牙 PT PS PF British system tube thread			
规格 Spec	滚造径 Die diameter	规格 Spec	滚造径 Die diameter	规格 Spec	A级滚造径 A Rolling diameter	B级滚造径 B Rolling diameter	小径 Minor diameter
M2.0x0.4	1.67-1.70	N0.2x56	1.84-1.86	1/16x28	7.05-7.10	7.05-7.94	6.78-6.89
M2.3x0.4	1.97-2.00	N0.2x48	2.11-2.14	1/8x28	9.05-9.10	8.94-9.05	8.79-8.90
M2.6x0.45	2.23-2.26	N0.4x40	2.36-2.40	1/4x19	12.19-12.25	12.07-12.19	11.80-11.92
M3.0x0.5	2.60-2.63	N0.5x40	2.69-2.72	3/8x19	15.69-15.76	15.57-15.69	15.29-15.41
M3.5x0.6	3.03-3.06	N0.6x32	2.91-2.95	1/2x14	19.67-19.74	19.53-19.67	19.14-19.28
M4.0x0.7	3.45-3.49	N0.8x32	3.57-3.60	3/4x14	25.15-25.22	25.01-25.15	24.68-25.54
M4.5x0.75	3.92-3.96	N0.11x24	4.05-4.09	1x11	31.61-31.70	31.43-31.61	30.94-31.12
M5.0x0.8	4.38-4.43	N0.12x24	4.70-4.75	1 1/2x11	40.34-40.43	40.16-40.34	39.46-39.64
M6.0x1.0	5.25-5.30	1/4x20	5.45-5.50	1 1/2x11	46.23-46.32	46.05-46.23	45.35-45.53
M6.0x1.25	7.07-7.12	5/16x18	6.83-6.98	2x11	58.05-58.14	57.87-58.05	57.14-59.96
M9.0x1.25	8.07-8.12	3/8x16	8.40-8.45				
M10x1.5	9.91-9.97	7/16x14	9.83-9.89				
M11x1.5	9.91-9.97	1/2x13	11.32-11.39				
M12x1.75	10.73-10.79	9/16x12	12.80-12.87				
M16x2.0	12.56-12.63	5/8x11	14.26-14.33	1/16x27	7.39-7.44	7.28-7.39	6.78-6.89
M16x2.0	14.56-14.63	3/4x10	17.27-17.34	1/8x27	9.39-9.44	9.28-9.39	9.13-9.24
M18x2.5	16.23-16.31	7/8x9	20.26-20.34	1/4x18	12.37-12.43	12.25-12.37	11.99-12.11
M20x2.5	18.23-18.31	1 1/8x8	23.20-23.28	3/8x18	15.82-15.88	15.28-15.70	15.41-15.53
M22x2.5	20.23-20.31	1 1/4x7	27.20-27.26	1/2x14	19.65-19.72	19.51-19.65	19.12-19.26
M24x3.0	21.90-21.98	1 1/2x7	29.24-29.33	3/4x14	24.99-25.06	24.85-24.99	24.33-24.52
M27x3.0	23.89-24.98	1 3/8x6	32.02-32.12	1 x11 1/2	31.30-31.39	31.12-31.30	30.63-30.81
M30x3.5	27.55-27.66	1 1/2x6	35.08-35.29	1 1/4x11	40.12-40.21	39.94-40.12	39.24-39.42
M33x5.0	30.56-30.65	1 3/4x5	40.85-41.08	1 1/2x11	46.19-46.28	46.01-46.19	45.31-45.49
M36x4.0	33.23-33.33	2x4	47.00-47.06	2 x11 1/2	46.06-46.53	46.06-46.24	45.71-57.3
M39x4.0	36.22-36.63						
M42x4.5	38.90-39.01						
M45x4.5	41.90-42.00						
M48x5.0	44.45-44.68						

英制细牙螺纹 British system thread		American Fine Thread	
规格 Spec	滚造径 Die diameter	规格 Spec	滚造径 Die diameter
W3/32-48	2.01-2.04	N0.6x40	3.02-3.05
W1/8-40	2.72-2.75	N0.8x36	3.03-3.66
W5/32-32	3.39-3.43	N0.10x32	4.22-4.26
W3/16-24	4.05-4.08	N0.12x28	4.80-4.84
W1/4-20	5.46-5.51	N0.14x28	5.68-5.72
W5/16-18	6.95-7.01	N0.5/16x24	7.76-7.20
W3/8-16	8.41-8.48	N0.3/8x24	8.74-8.79
W7/16-14	9.85-9.92	N0.7/16x20	10.18-10.23
W1/2-12	11.21-11.24	N0.1/2x20	11.76-11.82
W5/8-11	12.82-12.89	N0.9/16x18	13.25-13.31
W3/4-10	14.29-14.36	N0.5/8x18	14.83-14.89
W5/8-11	14.29-14.36	N0.3/4x16	17.89-17.95
W7/8-9	17.30-17.38	N0.7/8x14	20.91-20.98
W3/4-10	20.29-20.38	N0.1x12	23.87-23.95
W7/8-9	20.29-20.38	N0.11/8x12	27.05-27.12
W1-8	23.23-23.32	N0.11/4x12	30.21-30.29
		N0.13/8x12	33.39-33.46
		N0.11/2x12	36.55-36.63

计算公式：H(原始三角形高)=0.866P(螺距)
 中径(D2或d2) = D(大径, 公称直径) - 0.75H
 小径(D1或d1) = D(大径, 公称直径) - 1.25H
 滚造径 = D(大径, 公称直径) - 0.05(D或d)

Formula : The height of original triangle(H) = 0.866P(Pitch)
 Middle diameter (D2 or d2) = D (Major diameter, nominal diameter) - 0.75H
 Minor diameter (D1 or d1) = D (Major diameter, nominal diameter) - 1.25H
 Rolling diameter = D (Major diameter, nominal diameter) - 0.05(P/D or 0.05 or 0.1)