

BARLOAD[®]
BLOADER[®]
巴洛德[®]

BARLOAD[®]
BLOADER[®]
巴洛德[®]

BARLOAD
Automatic Bar Feeder



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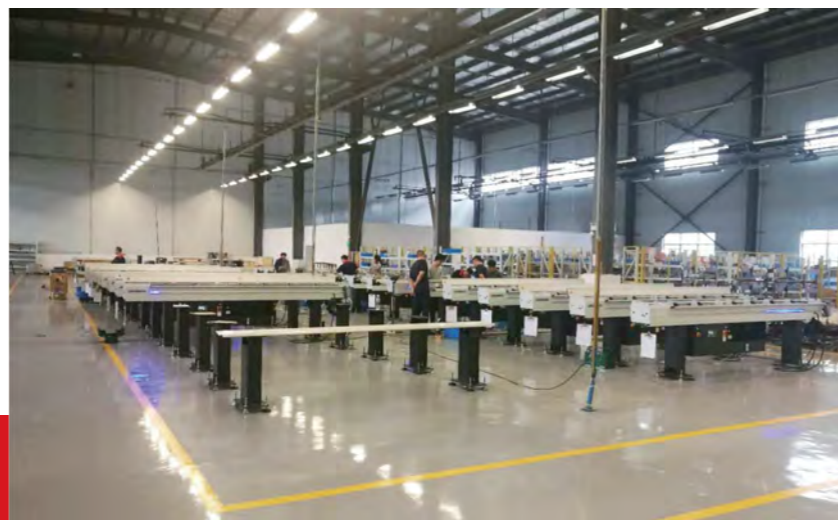
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台湾富豪机电股份有限公司
TAIWAN BARLOAD MACHINE CO.,LTD

www.barload.com

COMPANY INTRODUCTION

公司简介



品质
创新

BARLOAD®
BLOADER®
巴洛德®

台湾富豪机电股份有限公司，于2004年创立，总部设立于台湾—彰化市，自创BARLOAD及BLOADER双品牌商标营销全球，享誉国际。

目前在：江苏、广东、山东、辽宁、韩国、泰国、越南、马来西亚等地均有设立：业务服务据点。

于2009年成立东莞市富粤机械有限公司，以贸易模式代理销售BARLOAD、BLOADER品牌系列相关产品。

于2016年成立昆山巴洛德机器人有限公司，专业生产BARLOAD、BLOADER品牌系列产品来满足大中国地区的广大客户需求。

富豪公司秉持自主创新研发不惜重资投入，现已开发完成上百款产品，并已获得世界各国及欧盟地区数十项专利及认证。

公司产品目前已销售全球五十余国家，并与当地实力坚强的机床公司及产品代理商合作建构严密健全的营销及售服通路网络、提供终端使用客户最完善的售后保障。



CERTIFICATE OF HONOR
荣誉资质

BARLOAD[®]
Automatic Bar Feeder
BIOADER[®]
巴洛德[®]



HONOR



THE COMPANY'S MAIN PRODUCTS

公司主营

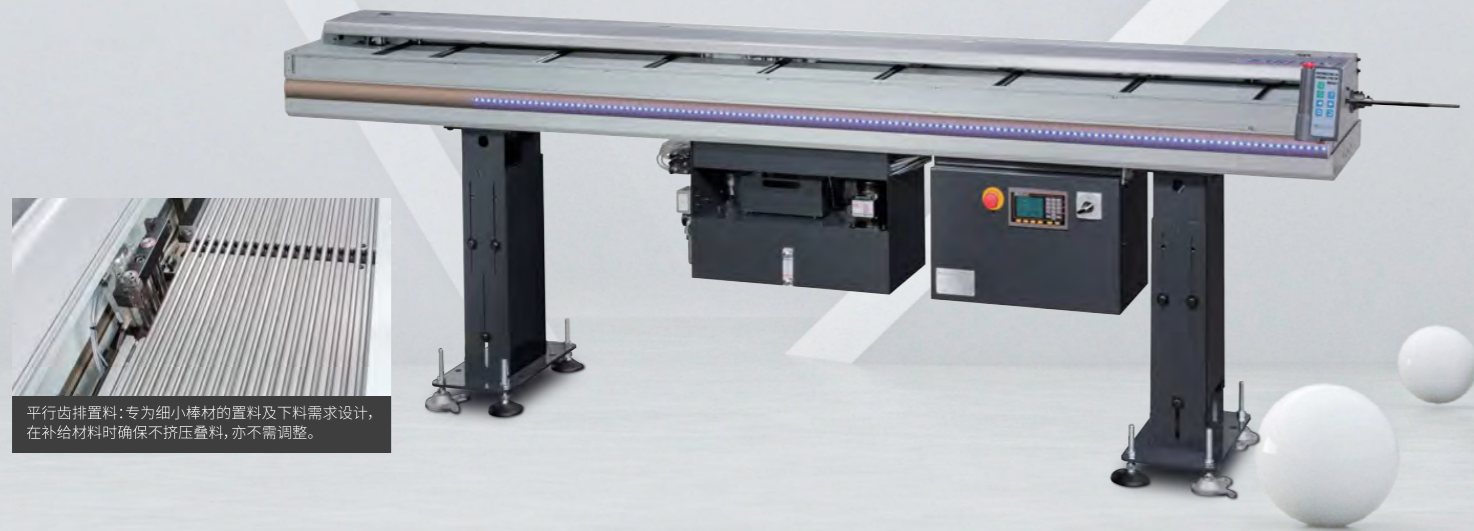
机械手、自动棒材送料机、
工具机自动化周边产品规划设计。

Manipulator, automatic rod feeder,
tool machine automatic peripheral product planning and design.

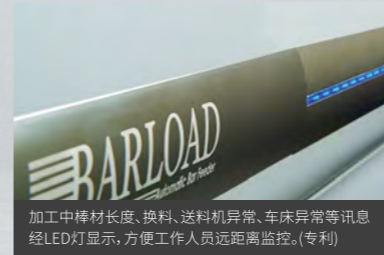
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平行齿排置料: 专为细小棒材的置料及下料需求设计, 在补给材料时确保不挤压叠料, 亦不需调整。



加工中棒材长度、换料、送料机等异常、车床异常等讯息经LED灯显示, 方便工作人员远距离监控。(专利)

油膜式送料机 OIL FILM BAR FEEDER

MINI型号

油膜式送料机 OIL FILM BAR FEEDER

CTG型号

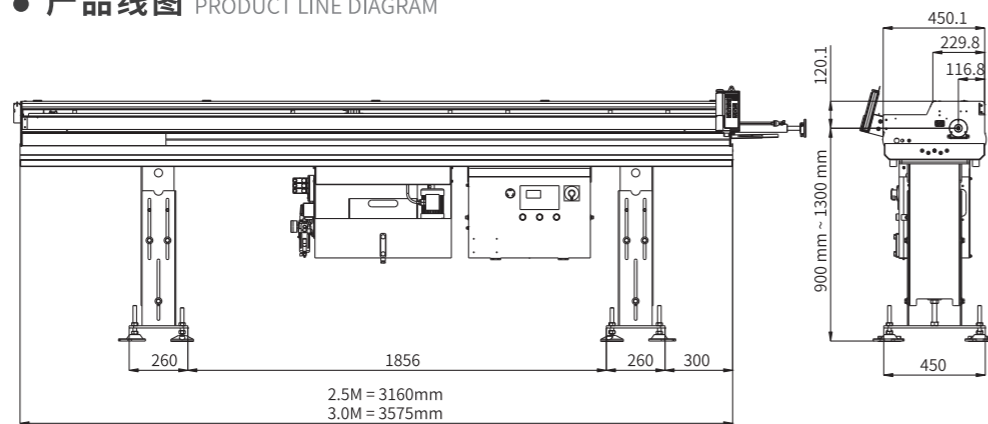
● 产品优势

PRODUCT ADVANTAGES

- ☑ 本机型拥有多项专利认证。
- ☑ 隐藏式高安全性配线。
- ☑ 换料时间快速。
- ☑ 可依实际需求, 调整扭力及速度。
- ☑ 油与残料分离收集设计。
- ☑ 外部LED显示位置棒材长度及异常讯息明显易见。
- ☑ MINI-4S极细材料专用送料机。
- ☑ This model has a number of patent certifications.
- ☑ Concealed high-security wiring.
- ☑ Fast material change times.
- ☑ Torque and speed can be adjusted according to actual needs.
- ☑ Oil and residue separation collection design.
- ☑ External LEDs show the position, bar length and anomaly are easily visible.
- ☑ MINI-4S special feeder for very fine materials.

● 产品线图

PRODUCT LINE DIAGRAM



● 产品参数

PRODUCT PARAMETERS

系列	SERIES	MINI		
型号	MODEL	45	07	12
送料向别	FEEDING DIRECTION	右向 RIGHT / 左向 LEFT		
规格	SPECIFICATIONS	2.5M / 3.0M		
棒材直径	BAR DIAMETER	0.8-4mm	2-7mm	2-12mm
棒材容量	BAR CAPACITY	35pcs	1-7mm/35pcs ; 7.1-12mm/18pcs	
棒材长度	BAR LENGTH	1000-2600mm	2600mm / 3100mm	
机械重量	MACHINE WEIGHT	2.5M:380kg / 3.0M:410kg		
空气系统	AIR PRESSURE	6 kgf/cm ² 70 psi		
传动系统	TRANSMISSION	SERVO MOTOR 伺服马达		
油箱容量	OIL TANK CAPACITY	26L		
电源供应	POWER SUPPLY	3P 220V 50/60HZ		
消耗功率	POWER CONSUMPTION	685W		

Design and specifications are subject to change without prior notice.
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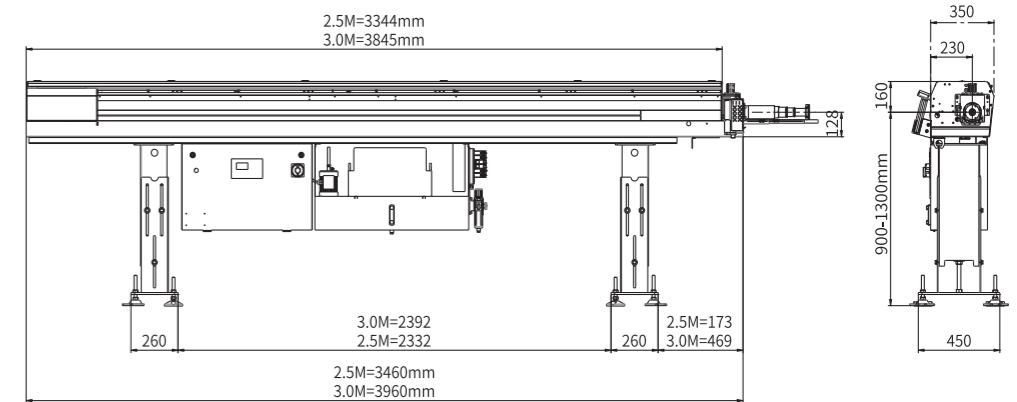
● 产品优势

PRODUCT ADVANTAGES

- ☑ BARLOAD全系列送料机采用智能PLC控制器+LED远程监控系统, 高效能的通讯接口软件编程设计, 可搭配任何品牌的数控车床, 质量稳定、性价比高。
- ☑ CTG系列产品为因应20型车床需求趋势, 全面提升结构刚性强度, 以符合20型车床加工时对送料机刚性强度防震的性能要求, 有效提升送料机的效能。
- ☑ BARLOAD full series feeder adopts intelligent PLC controller + LED remote monitoring system, high-efficiency communication interface software programming design, can be matched with any brand of CNC lathe, stable quality, cost-effective.
- ☑ CTG series products are in response to the demand trend of Type 20 lathes, comprehensively improve the rigid strength of the structure, in order to meet the performance requirements of the rigid strength and shockproof performance of the feeder during the processing of the Type 20 lathe, and effectively improve the efficiency of the feeder.

● 产品线图

PRODUCT LINE DIAGRAM

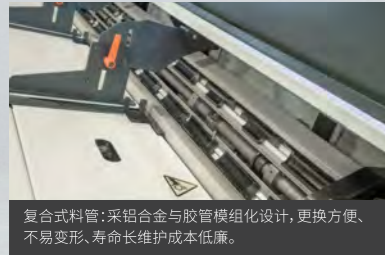
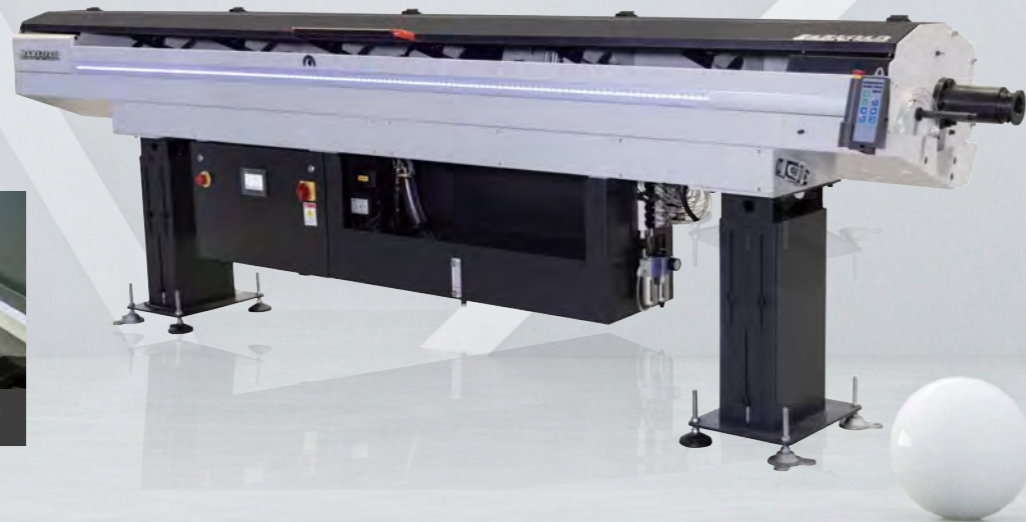


● 产品参数

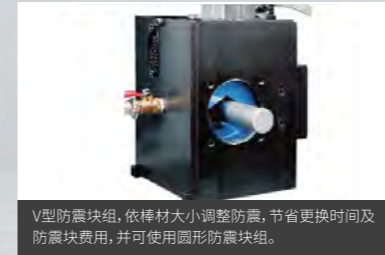
PRODUCT PARAMETERS

系列	SERIES	CTG			
型号	MODEL	12	16	20	23
送料向别	FEEDING DIRECTION	右向 RIGHT / 左向 LEFT			
规格	SPECIFICATIONS	2.5M / 3.0M			
棒材直径	BAR DIAMETER	3-12mm	3-16mm	3-20mm	3-23mm
棒材容量	BAR CAPACITY	10mm (3/8) / 22pcs			
棒材长度	BAR LENGTH	2.5M:2600mm / 3.0M:3100mm			
机械重量	MACHINE WEIGHT	2.5M:368kg / 3.0M:390kg			
空气系统	AIR PRESSURE	6 kgf/cm ² 70 psi			
传动系统	TRANSMISSION	SERVO MOTOR 伺服马达			
油箱容量	OIL TANK CAPACITY	30L			
电源供应	POWER SUPPLY	3P 220V 50/60HZ			
消耗功率	POWER CONSUMPTION	630W			

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复合式料管:采铝合金与胶管模块化设计,更换方便、不易变形,寿命长维护成本低廉。



V型防震块组,依棒材大小调整防震,节省更换时间及防震块费用,并可使用圆形防震块组。



油膜式送料机 OIL FILM BAR FEEDER

CEG 型号

油膜式送料机 OIL FILM BAR FEEDER

CAG 型号

● 产品优势

PRODUCT ADVANTAGES

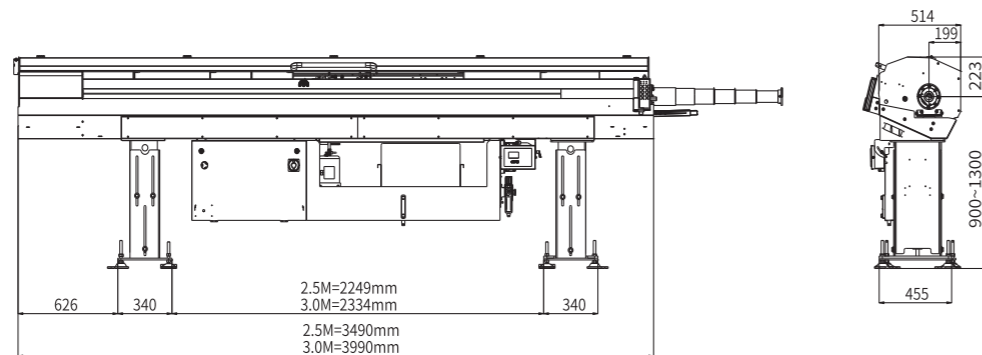
- ☑ CEG系列产品为因应42型车床需求趋势,全面提升结构刚性强度,以符合42型车床加工时对送料机刚性强度防震的性能要求,有效提升送料机的效能。
- ☑ 免调整夹刀座。
- ☑ 可调整V型防震块,也可使用圆形防震块组。
- ☑ 复合式料管。
- ☑ LED外部显示器。

☑ CEG series products are in response to the demand trend of Type 42 lathes, comprehensively improve the rigidity of the structure, in order to meet the performance requirements of the rigid strength and shockproof performance of the feeder during the processing of the Type 42 lathe, and effectively improve the efficiency of the feeder.

- ☑ Adjustment-free clamp holder.
- ☑ V-shaped shock blocks can be adjusted, or round shock block groups can be used.
- ☑ Composite material pipe.
- ☑ LED external display.

● 产品线图

PRODUCT LINE DIAGRAM



● 产品参数

PRODUCT PARAMETERS

型号	MODEL	CEG				
规格	SPECIFICATIONS	2.5M / 3.0M				
料管尺寸	PU GUIDE CHANNEL	27mm	33mm	37mm	39mm	43mm
棒材直径	BAR DIAMETER	5-26mm	5-32mm	5-36mm	5-38mm	5-42mm
棒材容量	STEEL GUIDE CHANNEL	10mm / 22pcs				
棒材长度	BAR DIAMETER	2.5M:2700mm / 3.0M:3200mm				
机械重量	BAR CAPACITY	2.5M-800kg / 3.0M-900kg				
空压供应	AIR PRESSURE	6 kgf /cm ² 70 psi				
电源供应	POWER SUPPLY	3×220V 50/60HZ				
消耗功率	POWER CONSUMPTION	810W				
油箱容量	FUEL TANK CAPACITY	67公升(16.7加侖)/68号(油号)				

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● 产品优势

PRODUCT ADVANTAGES

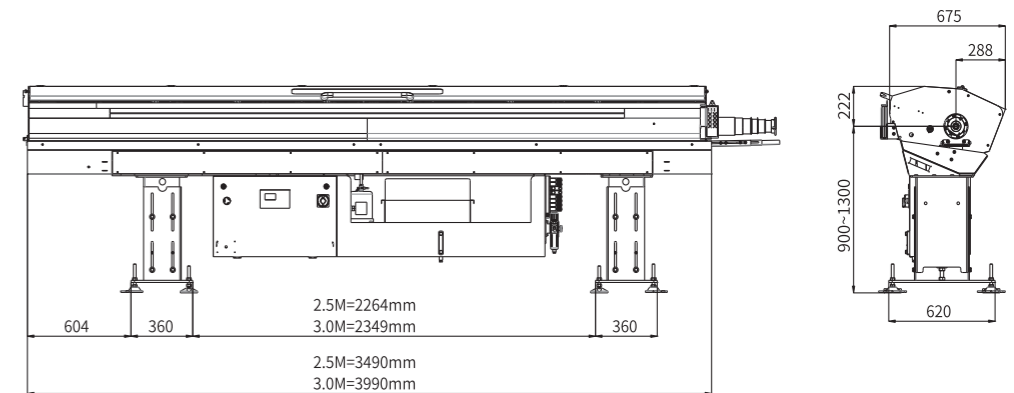
- ☑ CAG系列产品为因应51型车床需求趋势,全面提升结构刚性强度,以符合51型车床加工时对送料机刚性强度防震的性能要求,有效提升送料机的效能。
- ☑ 免调整夹刀座。
- ☑ 可调整V型防震块,也可使用圆形防震块组。
- ☑ 复合式料管。
- ☑ LED外部显示器。
- ☑ 机械式插拔料机构,材料插拔,更确实稳定。

☑ CAG series products are in response to the demand trend of Type 51 lathes, comprehensively improve the rigid strength of the structure, in order to meet the performance requirements of the rigid strength and shockproof performance of the feeder during the processing of the Type 51 lathe, and effectively improve the efficiency of the feeder.

- ☑ Adjustment-free clamp holder.
- ☑ V-shaped shock blocks can be adjusted, or round shock block groups can be used.
- ☑ Composite material pipe.
- ☑ LED external display.
- ☑ Mechanical plugging and pulling mechanism, material plugging, more stable.

● 产品线图

PRODUCT LINE DIAGRAM

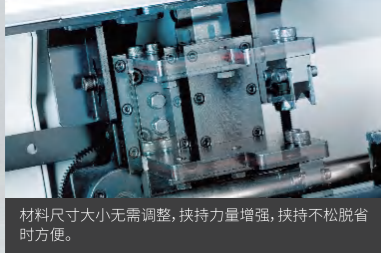


● 产品参数

PRODUCT PARAMETERS

型号	MODEL	CAG							
规格	SPECIFICATIONS	2.5M / 3.0M							
料管尺寸	PU GUIDE CHANNEL	27mm	33mm	37mm	39mm	43mm	46mm	52mm	
棒材直径	BAR DIAMETER	5-26mm	5-32mm	5-36mm	5-38mm	5-42mm	5-45mm	5-51mm	
棒材容量	STEEL GUIDE CHANNEL	10mm / 28pcs							
棒材长度	BAR DIAMETER	2.5M:2700mm / 3.0M:3200mm							
机械重量	BAR CAPACITY	2.5M-840kg / 3.0M-950kg							
空压供应	AIR PRESSURE	6 kgf /cm ² 70 psi							
电源供应	POWER SUPPLY	3×220V 50/60HZ							
消耗功率	POWER CONSUMPTION	810W							
油箱容量	FUEL TANK CAPACITY	67公升(16.7加侖)/68号(油号)							

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材料尺寸大小无需调整,扶持力量增强,扶持不松脱省时方便。

CVG 型号

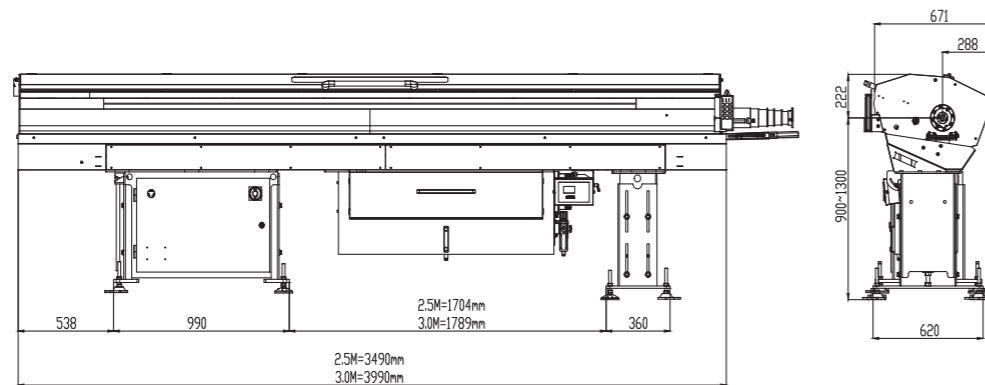
油膜式送料机 OIL FILM BAR FEEDER

● 产品优势

PRODUCT ADVANTAGES

- ☑ CVG系列产品为因应客户加工51mm材料,不修料尾而开发,全面提升结构刚性强度,以符合51型车床加工时对送料机刚性强度防震的性能要求,有效提升送料机的效能。
- ☑ 免调整夹刀座。
- ☑ 可调整V型防震块,也可使用圆形防震块组。
- ☑ 复合式料管。
- ☑ LED外部显示器。
- ☑ 机械式插拔料机构,材料插拔,更确实稳定。
- ☑ CVG series products are developed for customers processing 51mm materials without repairing the tail, comprehensively improving the rigidity of the structure, in order to meet the performance requirements of the rigid strength and shockproof performance of the feeder during the processing of the 51 lathe, and effectively improve the efficiency of the feeder.
- ☑ Adjustment-free clamp holder.
- ☑ V-shaped shock blocks can be adjusted, or round shock block groups can be used.
- ☑ Composite material pipe.
- ☑ LED external display.
- ☑ Mechanical plugging and pulling mechanism, material plugging, more stable.

● 产品线图 PRODUCT LINE DIAGRAM



● 产品参数 PRODUCT PARAMETERS

型号	MODEL	CVG
规格	SPECIFICATIONS	2.5M / 3.0M
料管尺寸	PU GUIDE CHANNEL	57mm
棒材直径	BAR DIAMETER	5-56mm
棒材容量	STEEL GUIDE CHANNEL	10mm / 28pcs
棒材长度	BAR DIAMETER	2.5M:2700mm / 3.0M:3200mm
机械重量	BAR CAPACITY	2.5M-840kg / 3.0M-950kg
空压供应	AIR PRESSURE	6 kgf / cm ² 70 psi
电源供应	POWER SUPPLY	3×220V 50/60HZ
消耗功率	POWER CONSUMPTION	810W
油箱容量	FUEL TANK CAPACITY	67公升(16.7加侖)/68号(油号)

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材料尺寸调整送料机构:易于调整;容易、快速。

短棒材送料机 SHORT BAR FEEDER

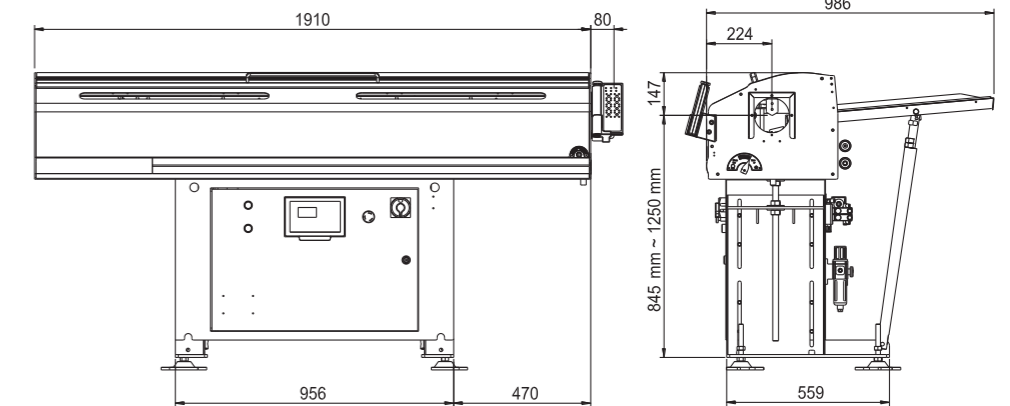
BS65C 型号

● 产品优势

PRODUCT ADVANTAGES

- ☑ 可提升CNC车床加工中,工件速度与精度,无震动问题。
- ☑ 黑皮材料,可适用。
- ☑ BS65C送料机占地空间小。
- ☑ 人机界面控制,操作与设定异常故障排除容易。
- ☑ 伺服马达与线性滑轨结合,送料时,快、准、顺畅。
- ☑ 更换材料、调整机构,简易方便。
- ☑ 移动式脚盘,方便主轴维修、更换皮带、主轴衬套。(选购)
- ☑ 外部LED显示位置棒材长度及异常讯息明显易见。
- ☑ 新下料方式,减少噪音,调整方便。
- ☑ It can improve the speed and precision of workpieces in CNC lathe machining without vibration problems.
- ☑ Black leather material, applicable.
- ☑ BS65C feeder takes up a small footprint.
- ☑ Man-machine interface control, easy to operate and set abnormal alarms.
- ☑ The servo motor is combined with the linear slide rail, and the feeding is fast, accurate and smooth.
- ☑ Replacing materials and adjusting mechanisms is simple and convenient.
- ☑ Mobile foot plate for easy spindle maintenance, belt replacement, spindle bushing. (Optional)
- ☑ External LEDs show the position, bar length and anomaly are easily visible.
- ☑ New unloading method, reduce noise, easy to adjust.

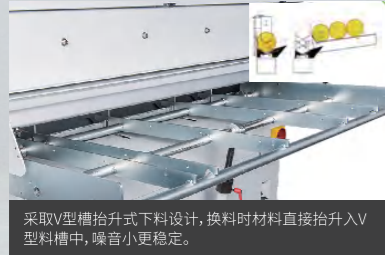
● 产品线图 PRODUCT LINE DIAGRAM



● 产品参数 PRODUCT PARAMETERS

系列	SERIES	BS65C
棒材直径	BAR DIAMETER	5-65mm
棒材容量	BAR CAPACITY	65mm/10pcs
棒材长度	BAR LENGTH	MAX. 1500mm 视车床主轴长度而定 Depend on lathe spindle length
机械重量	MACHINE WEIGHT	280kg
空气系统	AIR PRESSURE	6 kgf / cm ² 70 psi
传动系统	TRANSMISSION	SERVO MOTOR 伺服马达
电源供应	POWER SUPPLY	3P 220V 50/60HZ
消耗功率	POWER CONSUMPTION	575W

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采取V型槽抬升式下料设计, 换料时材料直接抬升入V型料槽中, 噪音小更稳定。

短棒材送料机 SHORT BAR FEEDER

CBK80型号

● 产品优势

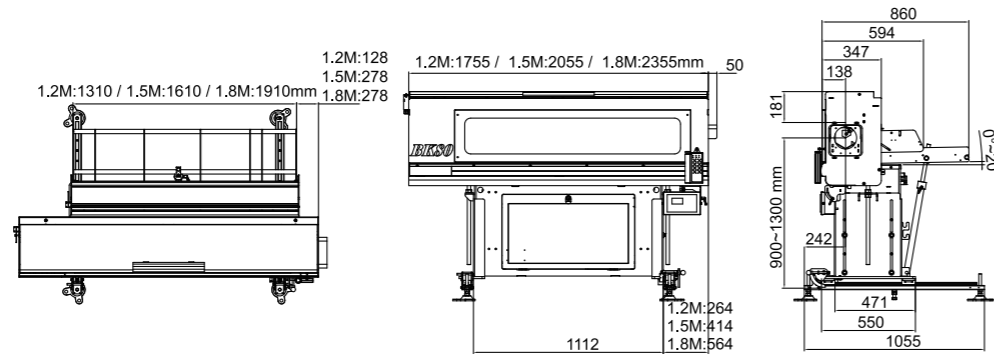
PRODUCT ADVANTAGES

- ☑ 提高CNC车床加工速度与精密度。
- ☑ 黑皮材料, 六角材料适用。
- ☑ 伺服送料系统人机设定稳定精准。
- ☑ 更换材料时, 材料中心由人机页面设定调整。
- ☑ 外部LED显示位置棒材长度及异常讯息明显可见。
- ☑ 全电式, 无气压。
- ☑ 已通过CE认证。

- ☑ Improve the speed and precision of CNC lathes.
- ☑ Black leather material, hexagonal material is applicable.
- ☑ The servo feeding system has stable and accurate man-machine settings.
- ☑ When changing materials, the material center is adjusted by the man-machine page settings.
- ☑ External LEDs show the position, bar length and anomaly are easily visible.
- ☑ All-electric, no air pressure.
- ☑ It has passed CE certification.

● 产品线图

PRODUCT LINE DIAGRAM

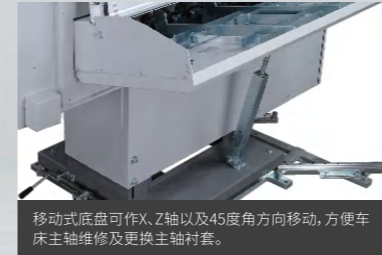


● 产品参数

PRODUCT PARAMETERS

系列	SERIES	BK80/BK80L/BK80LL
棒材直径	BAR DIAMETER	5-80mm
棒材容量	BAR CAPACITY	80mm/8pcs
棒材长度	BAR LENGTH	1.2m/1.5m/1.8m 视车床主轴长度而定 Depend on lathe spindle length
机械重量	MACHINE WEIGHT	400kg/450kg/500kg
传动系统	TRANSMISSION	SERVO MOTOR 伺服马达
电源供应	POWER SUPPLY	1×220V 50/60HZ
消耗功率	POWER CONSUMPTION	750W

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移动式底座可作X、Z轴以及45度角方向移动, 方便车床主轴维修及更换主轴衬套。

短棒材送料机 SHORT BAR FEEDER

CBK105 型号

● 产品优势

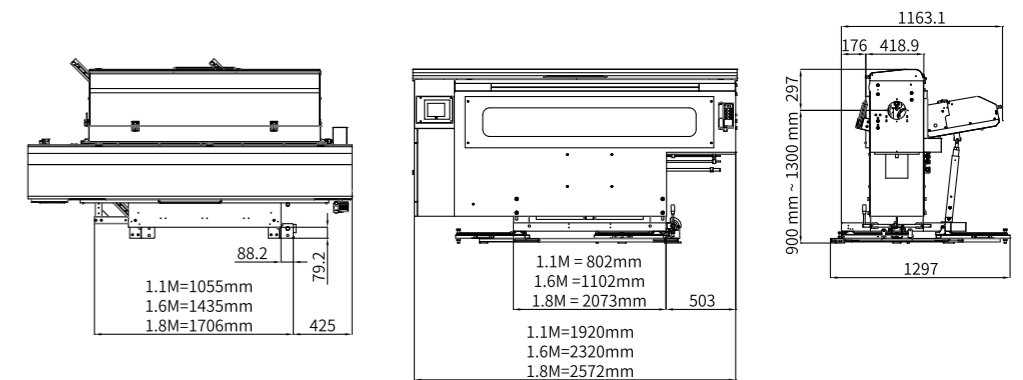
PRODUCT ADVANTAGES

- ☑ 提高CNC车床加工速度与精密度。
- ☑ 黑皮材料, 六角材料适用。
- ☑ 结构稳固, 材料直径最大可用至105mm。
- ☑ 伺服送料系统人机页面设定, 稳定精准。
- ☑ 更换材料时, 材料大小及中心免调整。
- ☑ 外部LED显示位置棒材长度及异常讯息明显可见。

- ☑ Improve the speed and precision of CNC lathes.
- ☑ Black leather material, hexagonal material is applicable.
- ☑ The structure is stable and the material diameter can be used up to 105 mm.
- ☑ Servo feeding system man-machine page setting, stable and accurate.
- ☑ When changing materials, the size and center of the material are not adjusted.
- ☑ External LEDs show the position, bar length and anomaly are easily visible.

● 产品线图

PRODUCT LINE DIAGRAM

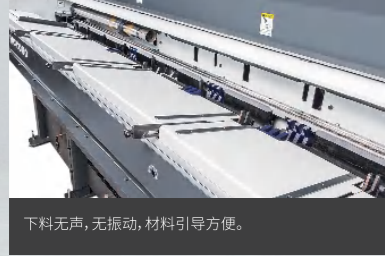


● 产品参数

PRODUCT PARAMETERS

系列	SERIES	BK105/BK105L
棒材直径	BAR DIAMETER	5-105mm
棒材容量	BAR CAPACITY	105mm/5pcs
棒材长度	BAR LENGTH	1.1m/1.6m 视车床主轴长度而定 Depend on lathe spindle length
机械重量	MACHINE WEIGHT	600kg/700kg
传动系统	TRANSMISSION	SERVO MOTOR 伺服马达
电源供应	POWER SUPPLY	1×220V 50/60HZ
消耗功率	POWER CONSUMPTION	2425W

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下料无声, 无振动, 材料引导方便。

MOTO80型号

油膜式送料机 OIL FILM BAR FEEDER

● 产品优势

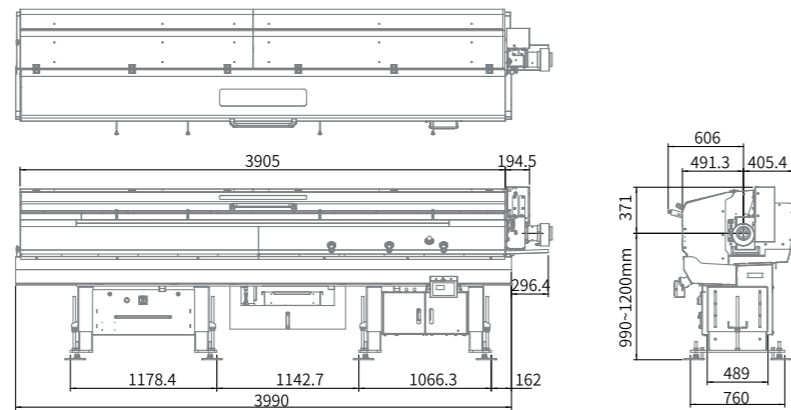
PRODUCT ADVANTAGES

- ☑ 夹料免调整。(专利)
- ☑ 隐藏式高安全性配线。
- ☑ 换料时间快速。
- ☑ 可依实际需求, 调整扭力及速度。油与残料分离收集设计。
- ☑ 外部LED显示位置棒材长度及异常讯息明显可见。
- ☑ 已通过CE认证。
- ☑ 下料稳定安静。

- ☑ Clamping is free of adjustment. (Patent)
- ☑ Concealed high-security wiring.
- ☑ Fast material change times.
- ☑ Torque and speed can be adjusted according to actual needs. Oil and residue separation collection design.
- ☑ External LEDs show the position, bar length and anomaly are easily visible.
- ☑ It has passed CE certification.
- ☑ Stable and quiet cutting.

● 产品线图

PRODUCT LINE DIAGRAM



● 产品参数

PRODUCT PARAMETERS

系列	SERIES	MOTO-20	MOTO-32	MOTO-42	MOTO-51	MOTO-65	MOTO-80
规格	SPECIFICATIONS	3.0m/3.6m					
料管尺寸	PU GUIDE CHANNEL	21mm	33mm	43mm	52mm	66mm	81mm
棒材直径	BAR DIAMETER	10-20mm	10-32mm	10-42mm	10-51mm	10-65mm	10-80mm
棒材容量	STEEL GUIDE CHANNEL	10mm/36pcs					
棒材长度	BAR LENGTH	3.0M:3200mm/3.6M:3800mm					
机械重量	MACHINE WEIGHT	3.0M-2100kg/3.6M-2500kg					
空压供应	AIR PRESSURE	6 kgf /cm ² 70 psi					
电源供应	POWER SUPPLY	3×220V 50/60Hz					
消耗功率	POWER CONSUMPTION	2000W					

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追踪式料管, 防震效果佳。

油膜式送料机 OIL FILM BAR FEEDER

MOTO110 型号

● 产品优势

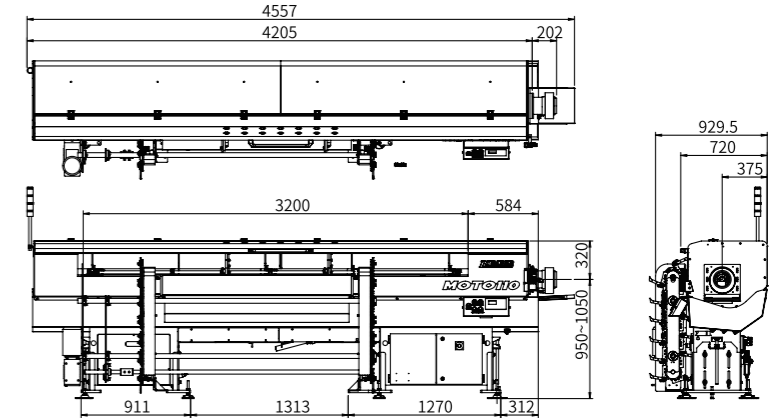
PRODUCT ADVANTAGES

- ☑ 隐藏式高安全性配线。
- ☑ 换料时间快速。
- ☑ 可依实际需求, 调整扭力及速度。
- ☑ 追踪式料管, 防震效果佳。
- ☑ 下料稳定安静。
- ☑ 可加工外径110mm管料。

- ☑ Concealed high-security wiring.
- ☑ Fast material change times.
- ☑ Torque and speed can be adjusted according to actual needs.
- ☑ Follow the material line, good shockproof effect.
- ☑ Stable and quiet cutting.
- ☑ It can process pipe material with an outer diameter of 110mm.

● 产品线图

PRODUCT LINE DIAGRAM



● 产品参数

PRODUCT PARAMETERS

系列	SERIES	MOTO110
圆形棒材直径	ROUND BAR DIAMETER	∅110 max
棒材最大长度	MAXIMUM LENGTH OF BAR	3.0M:3000mm
置料架容量	CAPACITY OF RACK	6支
空压供应	AIR PRESSURE	6 kgf /cm ² 70 psi
电源供应	POWER SUPPLY	3×220V 50/60Hz
消耗功率	POWER CONSUMPTION	2000W
润滑油容量	LUBRICANT	23L (5.75加仑)

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新型设计, 位移下料结构。(专利)

短棒材送料机 SHORT BAR FEEDER

TPG型号

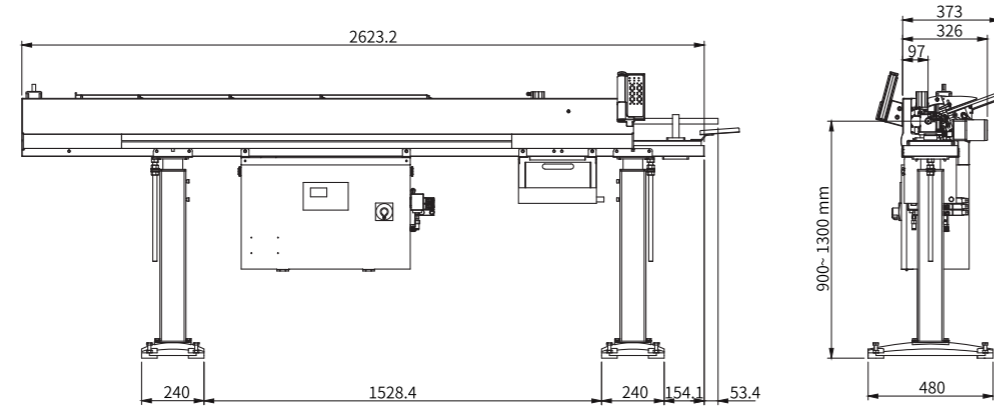
● 产品优势

PRODUCT ADVANTAGES

- 采用伺服马达送料: 快速、准确、材料更替耗时短。
- 智能控制: 实现加工中各个程序环节的智能保护。
- 送料体积小、占地面积小、厂房利用率高。
- 采油膜式设计、车床切削加工中: 震动小、低噪音。
- 适合高速加工方式、高效率、产质、产能均可提升。
- 残材尾料长度短、无中轴料夹等耗材, 节省物料损耗成本。
- 本机标配: LED远程监控系统方便厂区机台运行管理。
- 外部LED显示位置棒材长度及异常讯息明显可见。
- 专为镜头垫圈加工特性设计: 量身打造、高效、稳定。
- Feeding with servo motors: fast, accurate and with short material replacement times.
- Intelligent control: realize the intelligent protection of each process link in the processing.
- The feeding volume is small, the floor space is small, and the plant utilization rate is high.
- Oil production film design, lathe cutting: low vibration, low noise.
- It is suitable for high-speed processing, high efficiency, production quality, and production capacity can be improved.
- Short length of residual material tailing, no central shaft clamp and other consumables, saving material loss costs.
- The machine is equipped with a standard LED remote monitoring system, which is convenient for the operation and management of the plant machine.
- External LEDs show the position, bar length and anomaly are easily visible.
- Designed for lens gasket processing characteristics: tailor-made, efficient, stable.

● 产品线图

PRODUCT LINE DIAGRAM



● 产品参数

PRODUCT PARAMETERS

系列	SERIES	SHUTTLE(TPG)
棒材直径	BAR DIAMETER	2mm-12mm
棒材长度	BAR LENGTH	1500mm(Max1600mm)
机械重量	MACHINE WEIGHT	210kg
传动系统	TRANSMISSION	SERVO MOTOR 伺服马达
电源供应	POWER SUPPLY	1×220V 50/60HZ
消耗功率	POWER CONSUMPTION	630W

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