以柔性制造为核心，助力全球工厂工业4.0落地

To enable our global customers to lead 4IR transformation
with smart & flexible automation solution

江苏新惕姆智能装备有限公司

电话：400-6688-690

网址：www.teamrobotics.cn

地址：江苏省昆山市杜鹃路555号平谦国际产业园C2栋
广东省东莞市松山湖园区科技十路7号10栋101

了解更多柔性方案
For More Flexible Solutions

JiangSu Teamrobot Technology Ltd

Tel：86+ 400-6688-690

Web: http://en.teamrobotics.cn

Email: sophia@teamrobotics.cn

Add: Building C2, No.555, Dujuan Road, Kunshan City, Jiangsu Province
101, Building 10, No. 7, Science and Technology 10th Road, Songshan Lake Park, Dongguan City, Guangdong Province

TEAM
柔性制造专家



Digital Bowl Feeder
数字化振动盘

- CNC高精加工
  CNC High-precision Machining
- 数字仿真模拟
  Digital Simulation

COMPANY PROFILE

公司简介

江苏新惕姆智能装备有限公司，聚焦于柔性精密装配领域，持续开发更具自适应能力的通用型部件、通用型设备及数智化软件，为您带来更具拓展性和灵活性的柔性自动化解决方案！

在低压电器、医疗、汽车、新能源、3C电子等诸多领域，新惕姆与一批顶尖的企业并肩，探索着柔性生产的更多可能。经过多年沉淀，新惕姆已拥获多项发明专利与软件著作权，并获得国家高新技术企业认证、苏州市瞪羚企业称号。

新惕姆以雄厚的技术实力为支撑，服务于亟待转型升级的制造企业，助力全球工厂工业4.0落地。



JiangSu Teamrobot Technology Ltd. specializes in the field of flexible precision assembly, continuously developing more adaptable universal components, equipment, and digital intelligence software to deliver scalable and flexible automation solutions.

In various sectors such as low-voltage appliances, medical, automotive, new energy, and 3C electronics, TEAM collaborates with leading companies to explore further possibilities in flexible production. With years of development, TEAM has obtained numerous invention patents and software copyrights, earning recognition as a National High-Tech Enterprise and a Suzhou Gazelle Company.

TEAM, with its robust technical capabilities, serves manufacturing businesses in urgent need of transformation and upgrading, supporting the global implementation of Industry 4.0.

10%+ 研发投入 R&D Investment	高新企业 国家级高新技术企业 National High-tech Enterprise	300+ 员工规模 Staff
2.5+亿 年营业额 Sales	200+ 工程师 Engineer	16000+㎡ 厂房面积 Plant Area
瞪羚企业 苏州市瞪羚企业 Suzhou Gazelle Enterprise	100+ 研发团队 R&D Team	50+ 专利 Patents

合作与服务

Collaboration & Service



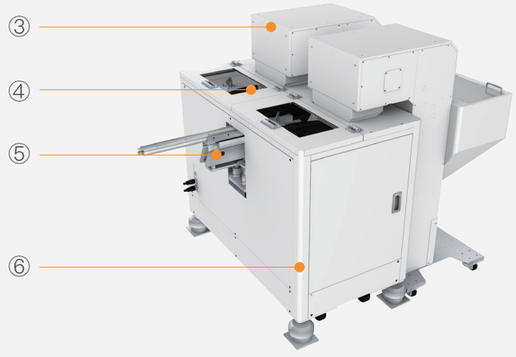
PRODUCT INTRODUCTION

产品介绍

CNC圆振盘
CNC bowl feeder

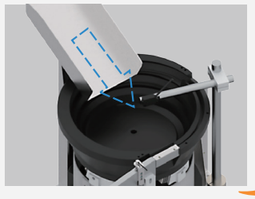


CNC圆振上料站
CNC bowl feeding station



① 振动顶盘 Vibrating top plate
② 振体 / 驱动器 Vibrators / Drivers
③ 料仓 Hopper
④ 圆振供料 Circular vibration feeding
⑤ 直振供料 Linear feeding
⑥ 机架 Rack

工作流程
Workflow



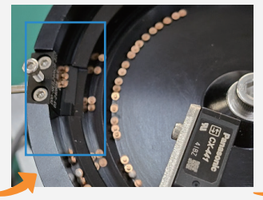
加料至料仓，料仓振动补料至振动盘

Feed to the hopper, The hopper vibrates and feeds to the bowl feeder



物料沿螺旋料槽由下至上逐步运输

The material is driven from bottom to top along the spiral trough step shipping



送料槽原件筛选物料，将混乱物料有序排列好

The original feeding chute screens the materials and arranges the chaotic materials in an orderly manner



统一姿态的物料沿流道流出，进入下一道工序

The material with a uniform posture flows out along the flow channel and enters the next process

为什么选择江苏新惕姆?
Why choose us ?

01 核心优势
Core advantage



独家售前仿真模拟
Exclusive pre-sales simulation

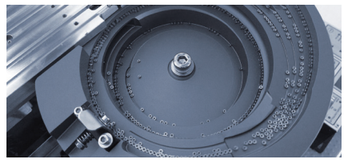
专业仿真模拟软件，仿真结果与实际结果差异小，前期评估准确率高，可快速反馈结果，减少试错成本，降低返工率，保障上料效果。

Professional simulation software is used to ensure that the difference between simulation results and actual results is small and the accuracy of early evaluation is high. It can quickly feed back the results, reduce the cost of trial and error, reduce the rework rate and ensure the feeding effect.

02 产品亮点
Product highlights



可加工复杂流道
Complex runners can be processed



五轴加工一体成型
Five-axis machining integrated molding



独家大尺寸盘面
Exclusive large-size plates

03 与钣金圆振盘对比
Compared to sheet metal bowl feeder

	CNC圆振盘 CNC bowl feeder	VS	钣金圆振盘 Sheet metal bowl feeder
出料速度 Discharging speed	较快 Faster		较快 Faster
精 度 Precision	高 High		不高 Not high
复杂流道 Complex runners	可加工 Machinable		不可加工 Not machinable
是否卡料 Whether the material is jammed	较少 Less		较高 Higher
价 格 Price	适中 Affordable		较低 Lower
复制的一致性 Consistency of replication	好 Good		差 Bad

TECHNICAL PARAMETERS

技术参数

型号	Model	BF150	BF220	BF270	BF310
适用零件大小	Applicable part size	2 ~ 5 mm	5 ~ 10 mm	5 ~ 12 mm	10 ~ 15 mm
噪　音	Noise	＜60 db	＜60 db	＜60 db	＜60 db
电　源	Power	AC220V　6~10A			
气　源	Air supply	正压 Positive pressure ： ⩾0.5MPa			
频　率	Frequency	50 Hz			
盘体直径	Bowl diameter	150 mm	220 mm	270 mm	310 mm
盘体高度	Bowl height	34 mm	65 mm	84 mm	98 mm
盘体有效容积	Bowl effective volume	0.2 L	0.6 L	1.3 L	1.8 L
※盘体材质	Bowl material	AL6061	AL6061 / 改性尼龙 Modified nylon		
※振　体	Drive units	国产 Domestic / 产机 Sanki / 欧福格 Afag			
※传 感 器	Sensor	基恩士 Keyence / 松下 Panasonic / 欧姆龙 Omron			
※机架尺寸	Rack size	200*180 mm	400*260 mm	450*300 mm	580*440 mm

型号	Model	BF370	BF415	BF510	BF630
适用零件大小	Applicable part size	10 ~ 20 mm	15 ~ 25 mm	20 ~ 45 mm	40 ~ 80 mm
噪　音	Noise	＜65 db	＜65 db	＜70 db	＜75 db
电　源	Power	AC220V 6~15A	AC220V 6~20A	AC220V 9~20A	
气　源	Air supply	正压 Positive pressure ： ⩾0.5MPa			
频　率	Frequency	50 Hz			
盘体直径	Bowl diameter	370 mm	415 mm	510 mm	630 mm
盘体高度	Bowl height	127 mm	157 mm	224 mm	255 mm
盘体有效容积	Bowl effective volume	3.5 L	5.1 L	9.2 L	15.3 L
※盘体材质	Bowl material	AL6061 / 改性尼龙	改性尼龙 Modified nylon		
※振　体	Drive units	国产 Domestic / 产机 Sanki / 欧福格 Afag			
※传 感 器	Sensor	基恩士 Keyence / 松下 Panasonic / 欧姆龙 Omron			
※机架尺寸	Rack size	640*500 mm	690*560 mm	710*660 mm	800*930 mm

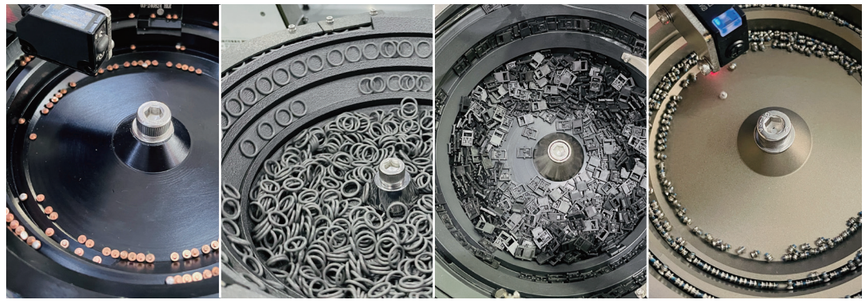
* 1.基本配置含振体、盘体和直振流道，料仓、机架可根据需求配置；
The basic configuration includes drive units, bowl and direct vibration track, the hopper and rack can be configured according to the demand;

2.※ 为可选配项
※ Indicates an optional item

适用产品
Applicable Products

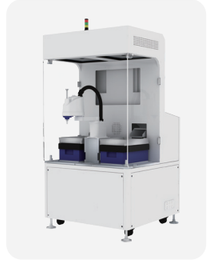


应用案例
Application Cases



扫码看视频
Scan the QR code to watch the video

更多产品
More Products



柔性上料
Flexible feeding

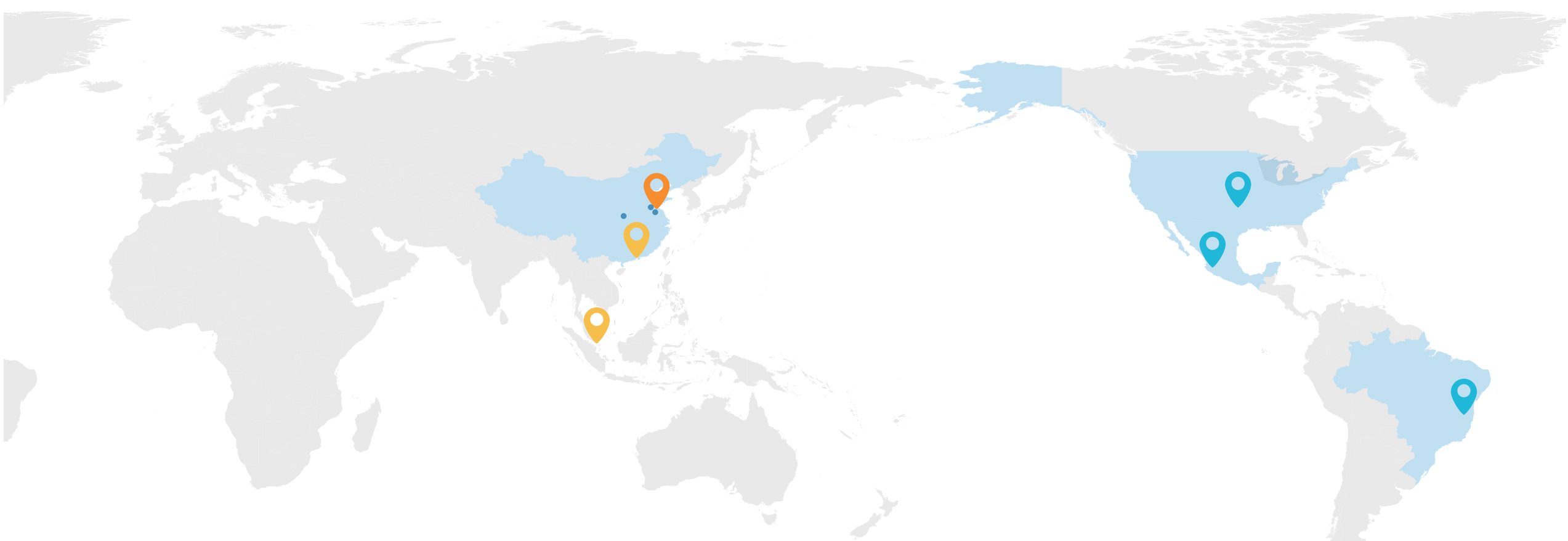


螺丝锁付
Screw tightening



机器人
Robot

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新加坡
Singapore

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Service Network

中国·武汉
Wuhan，CN

中国·盐城
Yancheng，CN

中国·无锡
Wuxi，CN

中国·宁波
Ningbo，CN

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Future Footprints

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Monterrey，Mexico

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累计服务1000+客户

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