



浙江创得机械有限公司

Zhejiang chuangde Machinery Co., Ltd

专业制造滑差轴/气胀轴/铝导辊

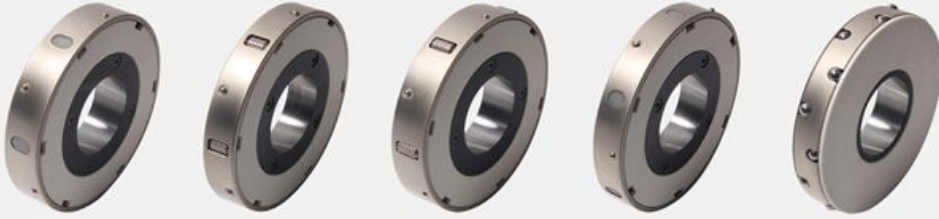
Professional manufacturer of slip shaft / inflatable shaft / aluminum guide roller

—— 细心发现 | 专心专注 | 用心制作 ——

滑差环展示

SLIP RING PRODUCT DISPLAY

■ 6寸滑差环
/6-inch slip ring



■ 键珠式滑差环
/Key bead slip ring



■ 滚珠长柱滑差环
/Ball long column slip ring



■ 1.5寸单珠滑差环
/1.5 inch single bead slip ring



■ 双珠式滑差环
/Double ball slip ring



■ 西村式滑差环
/Xicun slip ring



■ 滚珠键式滑差环
/Ball key slip ring



■ 东伸式滑差环
/East extension slip ring



■ 双柱滑差环
/Double column slip ring



■ 10mm 超薄滑差环
/10mm ultra thin slip ring



滑差轴

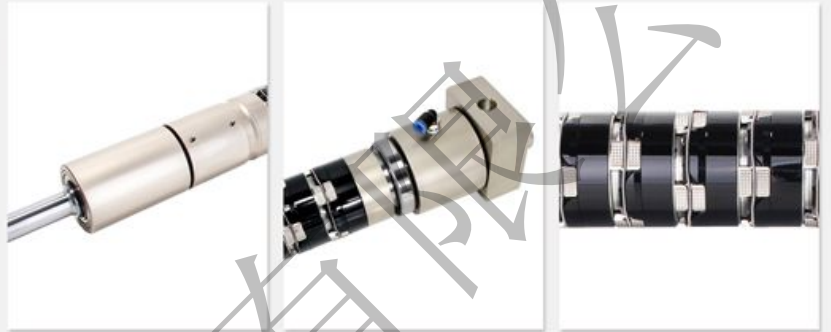
SLIP SHAFT

滑差轴又称差速轴是分切机的收卷轴及特殊放卷轴。滑差轴的摩擦转矩由压缩空气的气压大小来控制。滑差轴是由轴芯和摩擦组件以及多种滑差环组成，各组滑差环处于独立打滑状态，扭矩受控于中心气压或侧面传递的压力实现各条卷材内侧到外侧的张力恒稳均匀，并可以更好的消除材料的厚薄不均匀对卷料的张力克服，从而达到卷取的品质。

The slip shaft, also known as the differential shaft, is the winding shaft and special winding shaft of the slitter. The friction torque of the slip shaft is controlled by the air pressure of the compressed air. The slip shaft is composed of shaft core, friction components and a variety of slip rings. Each group of slip rings is in an independent slip state, and the torque is controlled by the central air pressure or the pressure transmitted from the side to realize the constant and uniform tension from the inside to the outside of each coil, and can better eliminate the uneven thickness of the material and overcome the tension of the coil, so as to achieve the coiling quality.

■ 西村式滑差轴

/Xicun slip shaft



■ 滚珠键式滑差轴

/Ball key slip shaft



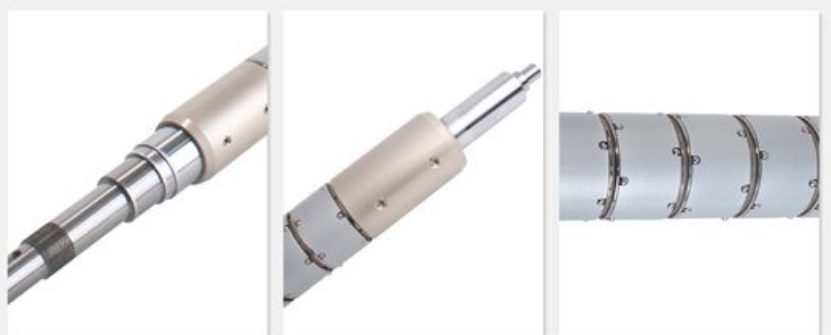
■ 滚珠长柱滑差轴

/Ball long column slip shaft



■ 双珠式滑差轴

/Double ball slip shaft



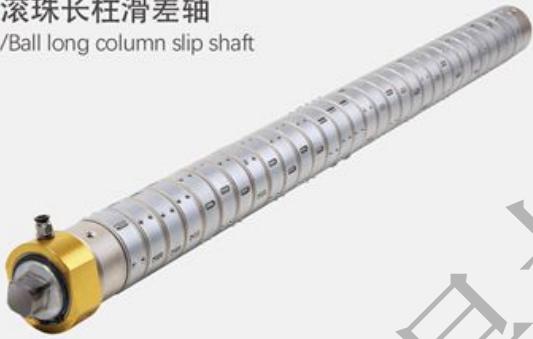
■ 滚珠键式滑差轴
/Ball key slip shaft



■ 双珠式滑差轴
/Double ball slip shaft



■ 滚珠长柱滑差轴
/Ball long column slip shaft



■ 6 寸滑差轴
/6-inch slip shaft

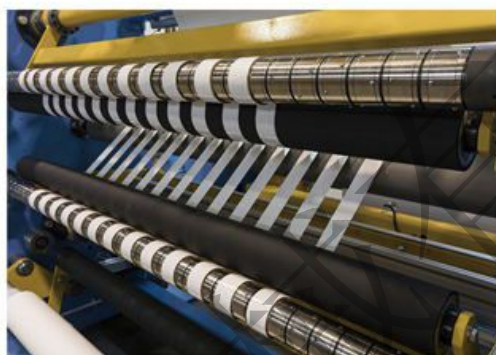


■ 双珠式滑差轴
/Double ball slip shaft



滑差轴应用

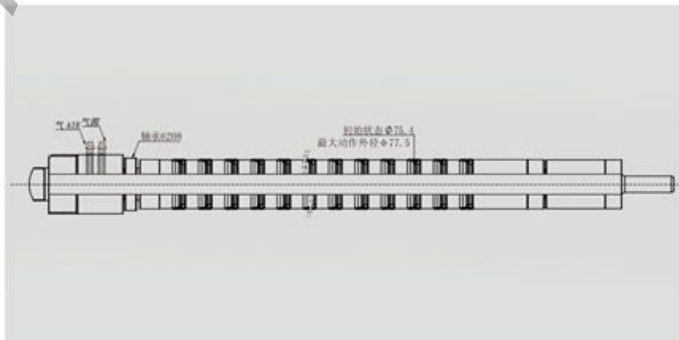
SLIP SHAFT APPLICATION



双气路滑差轴 / DOUBLE AIR PATH SLIP SHAFT

双气路滑差轴锁紧气压和调节气压分离，卷料张力恒稳、端面超级平整，控制操作性能极佳，自动装卸卷，适用于锂电池极片、铜箔、铝箔、电池隔膜、超低张力PET膜、电子膜卷取等

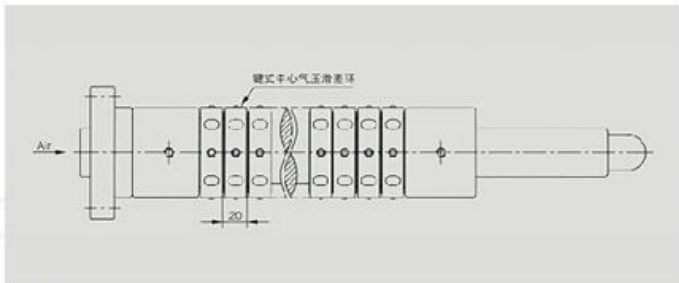
The locking air pressure and regulating air pressure of the double air path slip shaft are separated, the coil tension is constant, the end face is super flat, the control operation performance is excellent, and the coil is loaded and unloaded automatically. It is suitable for the winding of lithium battery pole piece, copper foil, aluminum foil, battery diaphragm, ultra-low tension PET film, electronic film, etc



中心气压滑差轴 / CENTRAL AIR PRESSURE SLIP AXIS

从电控比例阀输出气压到轴心气腔（囊），施加压力给滑差环，产生相应的摩擦转矩，张力范围连续可控。

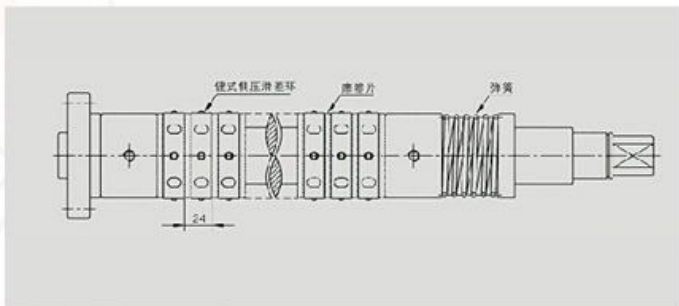
Output air pressure from the electro pneumatic proportional valve to the axial air chamber, apply pressure to the slip ring, generate corresponding friction torque, and the tension range is continuously controllable



侧压滑差轴 / LATERAL PRESSURE SLIP SHAFT

轴向传递压力将各个滑差环端面压紧，芯轴旋转过程中打滑偏转产生摩擦转矩。优点是可产生较大扭力，实现大转矩、大摩擦张力收卷。

The axial transmission pressure compresses the end face of each slip ring, and the slip deflection produces friction torque during the rotation of the mandrel. The advantage is that it can produce large torque and realize winding with large torque and large friction tension.



气胀轴展示

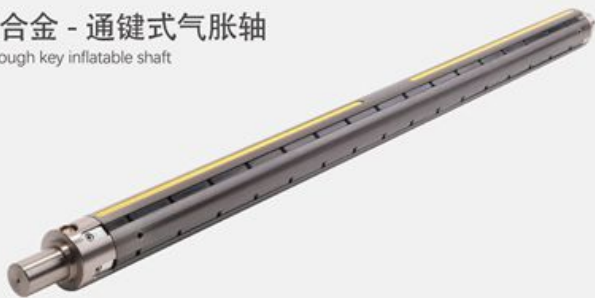
INFLATABLE SHAFT PRODUCT DISPLAY

气胀轴是一种特制的收卷、放卷轴,也就是经过高压充气后表面可以突起的轴,放气后表面部份迅速缩回的轴叫做气胀轴。它的名称多样化,又叫气压轴,膨胀轴,胀气轴,气胀辊、充气轴、压力轴、气胀辊等。

Inflatable shaft is a special winding and unwinding shaft, that is, the shaft whose surface can protrude after high-pressure inflation. The shaft whose surface part retracts rapidly after deflation is called inflatable shaft. Its name is diversified, also known as pneumatic shaft, expansion shaft, inflation shaft, inflation roll, inflation shaft, pressure shaft, inflation roll, etc.

■ 铝合金 - 通键式气胀轴

/Through key inflatable shaft



■ 机械手动 - 键式气胀轴

/Key type mechanical inflatable shaft



■ 钢制 - 凸键式气胀轴

Steel key type inflatable shaft



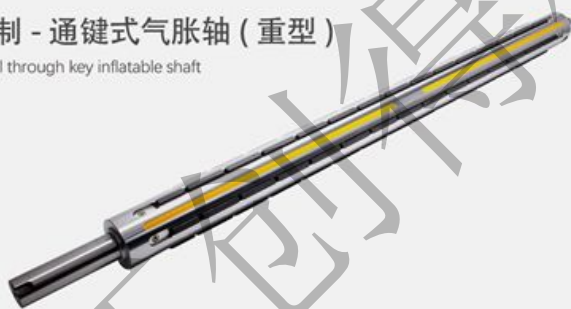
■ 碳纤维 - 凸键式气胀轴

/Key type carbon fiber dimension inflatable shaft



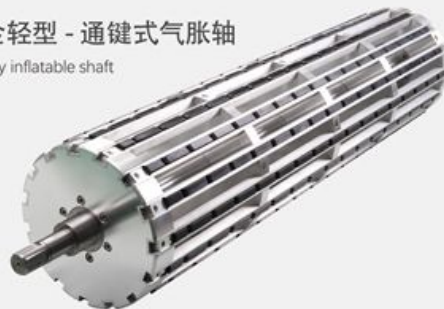
■ 钢制 - 通键式气胀轴 (重型)

/Steel through key inflatable shaft



■ 组合铝合金轻型 - 通键式气胀轴

/Steel through key inflatable shaft



■ 铝合金 - 凸键式气胀轴

/Through key inflatable shaft



■ 瓦片式气胀轴

/Tile inflatable shaft



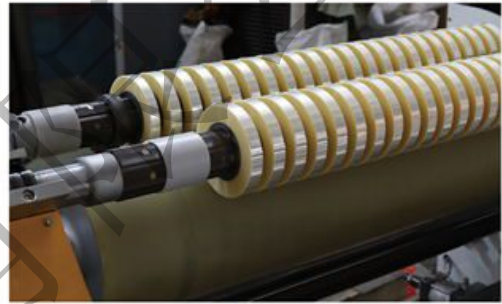
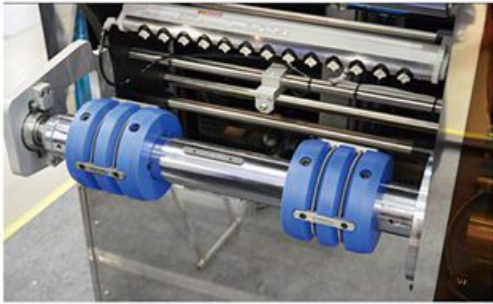
气胀轴种类: 键式、瓦片式、通键式、表面气囊气胀轴等气胀轴, 包括特氟龙、45号钢、铝合金材质, 我公司承接各类气胀轴定制。尺寸规格: 1寸、1.5寸、2寸、3寸、4寸、5寸、6寸等。

Types of inflatable shafts: key type, tile type, through key type, surface airbag inflatable shaft and other inflatable shafts, including Teflon, 45 steel and aluminum alloy. Our company undertakes customization of various inflatable shafts.

Dimensions: 1", 1.5", 2", 3", 4", 5", 6", etc.

气胀轴应用

INFLATABLE SHAFT



键式气胀轴 / KEY INFLATABLE SHAFT

凸键式气胀轴为键式气胀轴，主体采用优质钢管，表面镀硬铬，铝制凸键，伸缩自如，配置优质橡胶内胆和快速充排气嘴，密封效果好，可拆轴头，检修方便使用寿命长。

The convex key type inflatable shaft is a key type inflatable shaft. The main body is made of high-quality steel pipe, the surface is plated with hard chromium, and the aluminum convex key is flexible. It is equipped with high-quality rubber liner and quick filling and exhaust nozzle, with good sealing effect, removable shaft head, convenient maintenance and long service life.



瓦片式气胀轴 / TILE INFLATABLE SHAFT

采用铝合金瓦片，胀缩灵活；配置优质橡胶内胆与快速充排气嘴，密封效果好，使用寿命长；可拆卸轴头，维修方便。

Aluminum alloy tile is adopted, which is flexible in expansion and contraction; Equipped with high-quality rubber liner and quick air filling and exhaust nozzle, it has good sealing effect and long service life; Removable shaft head, easy maintenance.



通键式气胀轴 / THROUGH KEY INFLATABLE SHAFT

表面五爪键条，分为橡胶/铝条/PU等，使用生产各类纸芯管，运用于高转速，高载重，并能调整材料偏移，等分均匀，平衡性好，胀紧力更强。

The surface five claw key strip is divided into rubber / aluminum strip / PU, etc. It is used to produce all kinds of paper core tubes. It is applied to high speed and high load, and can adjust the material offset. It has uniform division, good balance and stronger expansion force.



表面气囊气胀轴 / SURFACE INFLATABLE SHAFT

由轻质铝合金、碳纤维管组成，膨胀部件均匀分布于轴径表面，整轴和平直度和平衡度好，同心度高，特别适用于机器高速运转。

It is composed of light aluminum alloy and carbon fiber pipe. The expansion parts are evenly distributed on the shaft diameter surface. The whole shaft has good flatness, balance and high concentricity. It is especially suitable for high-speed operation of the machine.





专业生产滑差轴/气胀轴/铝导辊

Specializing in the production of slip shaft / inflatable shaft / aluminum guide roller

浙江创得机械有限公司

Zhejiang chuande Machinery Co., Ltd



☎ (86)18967723302 / (86)13818185368

🏠 浙江省温州市瑞安市莘塍工业区富民北路12号(浙江创得机械有限公司)

✉ lixi@zjzxf.com

🌐 www.chhcz.com



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