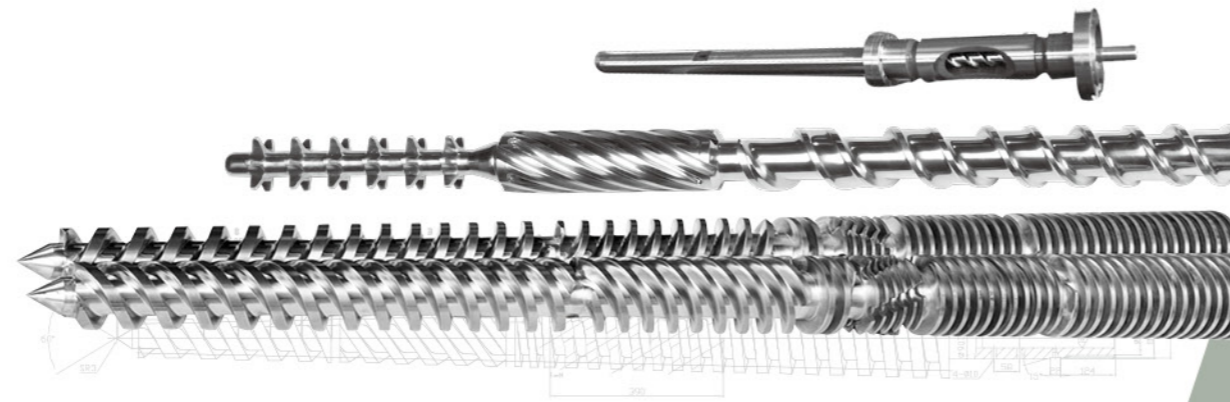


Our professional technology
achieves excellent screw



GADDY®
嘉鼎螺杆

专注于挤出、造粒螺杆料筒设计制造

更耐磨，更长使用寿命，出色的塑化性能，更高的产量

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GADDY®

舟山市嘉鼎塑料机械有限公司

ZHOUSHAN JIADING PLASTIC MACHINERY CO., LTD



地址：浙江舟山市定海区金塘镇西墩工业区

电话：+86 0580-8053448

手机：13957215378

网址：www.zsjpjax.com

📍 Xihou industrial zone, jintang town, dinghai district, zhoushan city

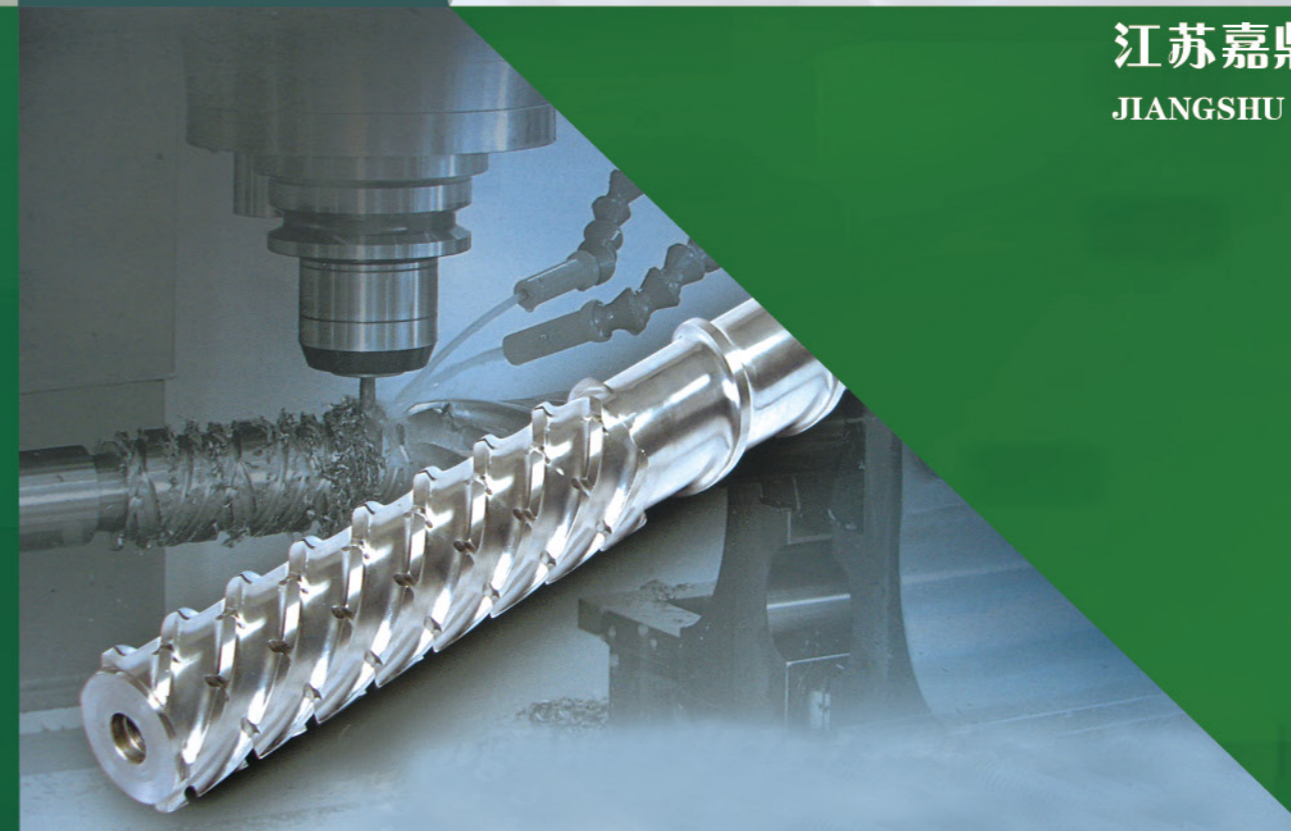
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achieves excellent screw



公司简介 COMPANY PROFILE



高新技术企业证书

舟山市嘉鼎塑料机械有限公司创建于2002年，位于中国著名螺杆之都——舟山市金塘镇，是一家专业设计制造各种精密螺杆料筒及橡塑机械配件的制造型企业。公司于2021年成立江苏嘉鼎公司，工厂位于江苏省如皋市下原镇，厂区占地35亩，为更好，更快捷的服务客户做充分准备。

公司集产品设计开发，制造，销售，售后服务为一体，引进国内外先进加工设备，加上数年的制造经验，在产品质量形成的流水线生产过程控制、生产设施、检验和试验等方面投入大量人力、物力资源，以提高产品质量为核心理念。公司坚持以客户为中心，严格控制各生产流程质量，实施精益生产管理方式，确保质量检测过程持续有效，产品质量优异。以高效的产能和及时交货能力满足不同客户的要求。公司拥有多年从事塑胶机械部件设计、加工的专业人员数名，同时可以为客户提供上门测绘、设计、改造、定制等多项服务，并承接对各种已磨损螺杆的修复工作。

“嘉鼎”的前进之路很漫长也很艰苦：我们将会继续努力，持续进步，以赢得更多客户的支持和更加广阔的市场。

Zhoushan Jiading Plastic Machinery Co., Ltd. created in 2002, located in Chinese famous screw – Jin TangTown in Zhoushan . JIADING is a manufacturing enterprise, with professional design and manufacture of precision screw cylinder and the ability of rubber and plastic machinery parts. Product design and development manufacturing, sales, after-sales service as one, the introduction of domestic and foreign advanced processing equipment , plus several years of manufacturing experience, the product quality in the formation of production process control, production facilities, inspection and testing and other aspects of human and material resources, to improve the quality of products as the core concept.

Companies adhere to the customer as the center, to strictly control the quality of the production process, the implementation of lean production management to ensure that the quality of the testing process continue to be effective, excellent product quality. To meet the requirements of different customers with efficient production capacity and timely delivery capacity. The company has many years engaged in the design of plastic machinery parts, processing of professional personnel, and can provide customers with door-to-door mapping, design, transformation, custom and other services, and to undertake all kinds of wear and tear of the repair work.

'Jia Ding' the way forward is very long and very difficult , we will continue to work hard, continue to progress, to win more customers support and more broad market.



企业实行科学的管理体系，配备全套先进的加工和检验设备。
Our company implement scientific management, well equipped with different kinds of advanced processing and inspection equipments. This provides solid foundation for our quality products.



车间生产现场
Workshop –production –filed



企业文化

讲究实效，完善管理，精益求精，铸就品质

企业理念

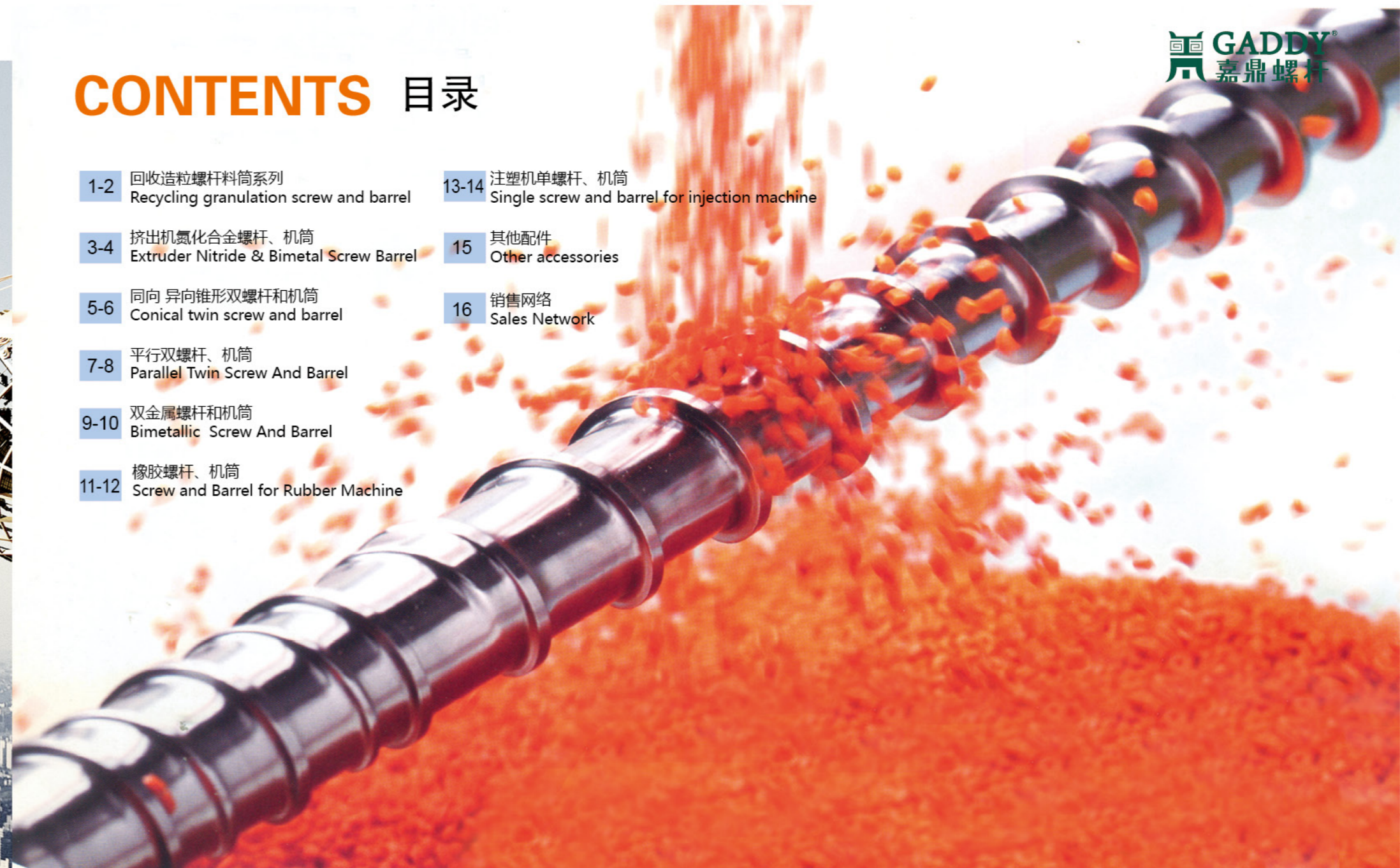
诚信，务实，创新，服务

质量方针

质量第一是我们永恒的主题
优质服务是我们神圣的职责
用户满意是我们追求的目标

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专业设计与个性化解决方案 Professional design and personalized solutions

因为专注，所以专业，嘉鼎工程师为客户的特殊工况制定最优化的解决方案，根据不同产品不同物料的特性选择不同的材料与制作工艺，优化螺杆结构，达到良率提升、高效、稳定，延长使用寿命的预期，实现与客户共赢

强大的技术力量 Strong technical force

公司的研发部门由一支经验丰富和具有创新精神的专家教授和高级工程师组成，采用使用先进的设计制图软件，如AutoCAD, Solidwork等不断创新优化产品设计，开发新产品，创造更高品质的产品。根据您的要求，我们能提供最佳的方案给您。

Our R&D dept. consists of rich experienced and creative experts, professors, and senior engineer. They adopt the most advanced design and drawing software, such as AutoCAD, Solid works, etc., constant innovation, optimize the product design, develop new product, creat higher quality products. Aiming at your requirement, we can provide best solution for you.

严格的质量管理 Quality Management



质量是企业生命。公司全体员工始终坚持这一宗旨，遵循科学的质量管理体系，制订严格的质量考核体系，配备先进的检测设备和专业的检测人员，从产品投入到入库，每一道工序都进行严格的检测，保证出厂产品100%的优质，解决了客户的后顾之忧，也建立了自己优质精品的良好信誉。

Quality is the life of an enterprise. We have created a Quality Management System. We take strict inspection in every production process to ensure high level quality of our products. We dedicate to provide best products and service, pretty competitive price and high efficient delivery to every customer.





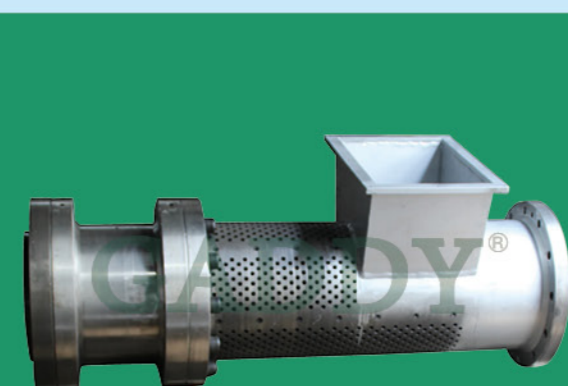
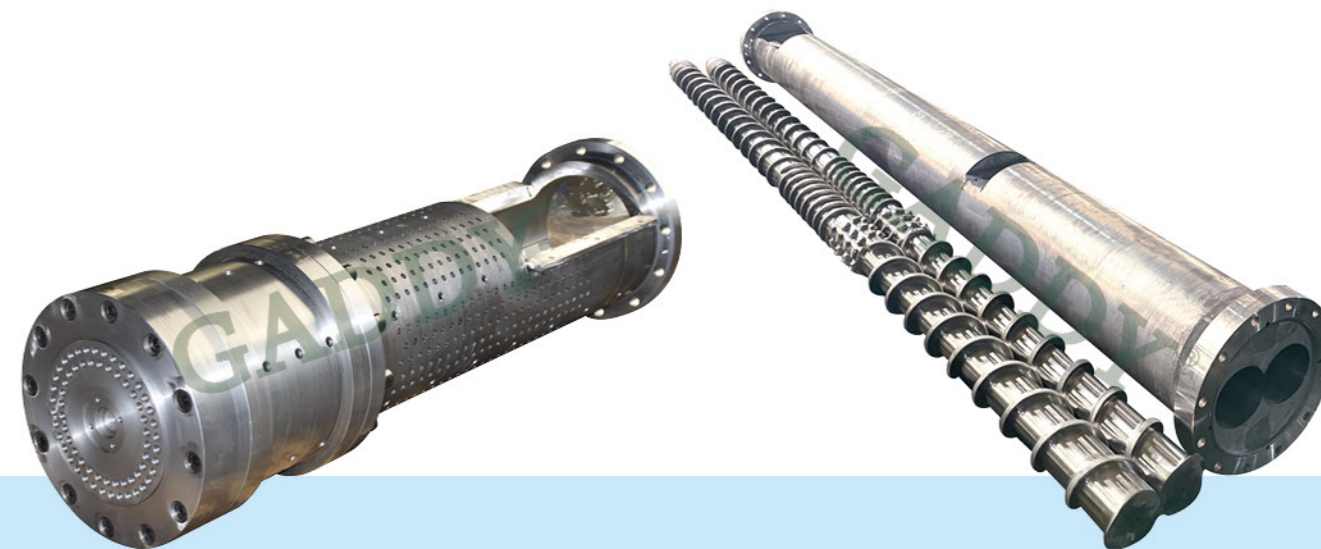
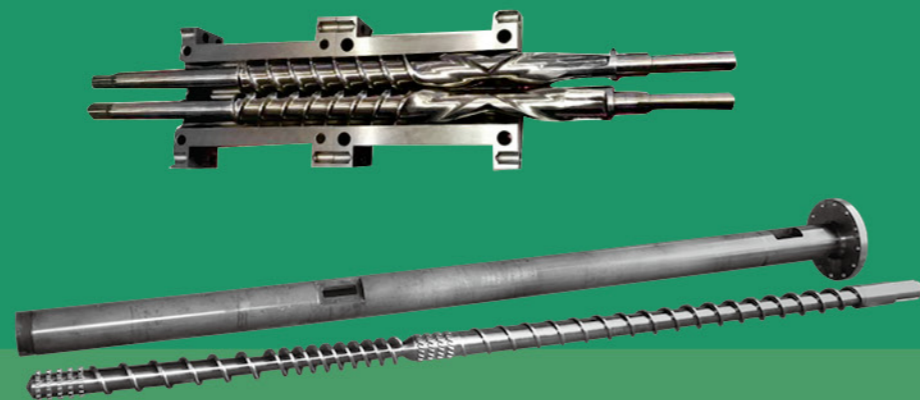
回收造粒螺杆料筒系列

Recycling granulation screw and barrel

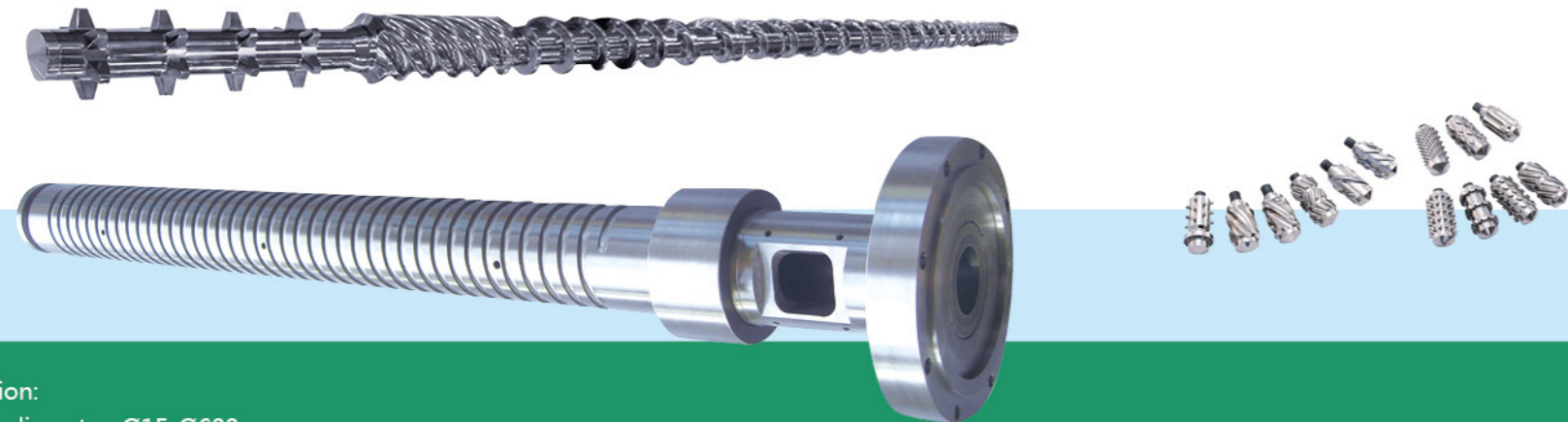
- ★ PP,PE,ABS,PS,PC,PMMA,PVC,PET 等硬料系列
- ★ PA6,PA66 气囊布 废丝渔网丝 布角料 刨花 安全绳 PP 无纺布软 PVC 等系列
- ★ PP PE 薄膜, 编织袋等软料压实仓侧边喂料系列
- ★ 常用 PE PP PA 等膜料 废丝 编织袋等带水造粒系列
- ★ 薄膜, 编织袋等带水挤干制粒系列
- ★ 异向平双造粒系列
- ★ PP,PE,ABS,PS,PC,PMMA,PVC commonly used plastic recycling granulation series.
- ★ PA6,PA66 nylon series, for airbag cloth,waste silk, fishing net silk, cloth head,wood shaving,safety rope,PP non-woven fabrics.
- ★ PP PE film ,woven bag and other soft material series,Screw Barrel structure has a side Screw feed, side pellet feeding.
- ★ Water granulation series, for PE PP PA water membrane material ,waste silk , woven bag etc.
- ★ Squeeze dry grain series for film material with water, woven bag etc.

常用规格 USUAL SPECIFICATION

- 上阶直径:Φ30mm-Φ400mm
- 长径比: L/D=20-50
- 下阶直径:Φ30mm-Φ300mm
- 长径比: L/D=8-20
- Up Diameter : Φ30mm-Φ400mm
- Ratio of length to diameter : L/D=20-50
- Down Diameter : Φ30mm-Φ300mm
- Ratio of length to diameter : L/D=8-20

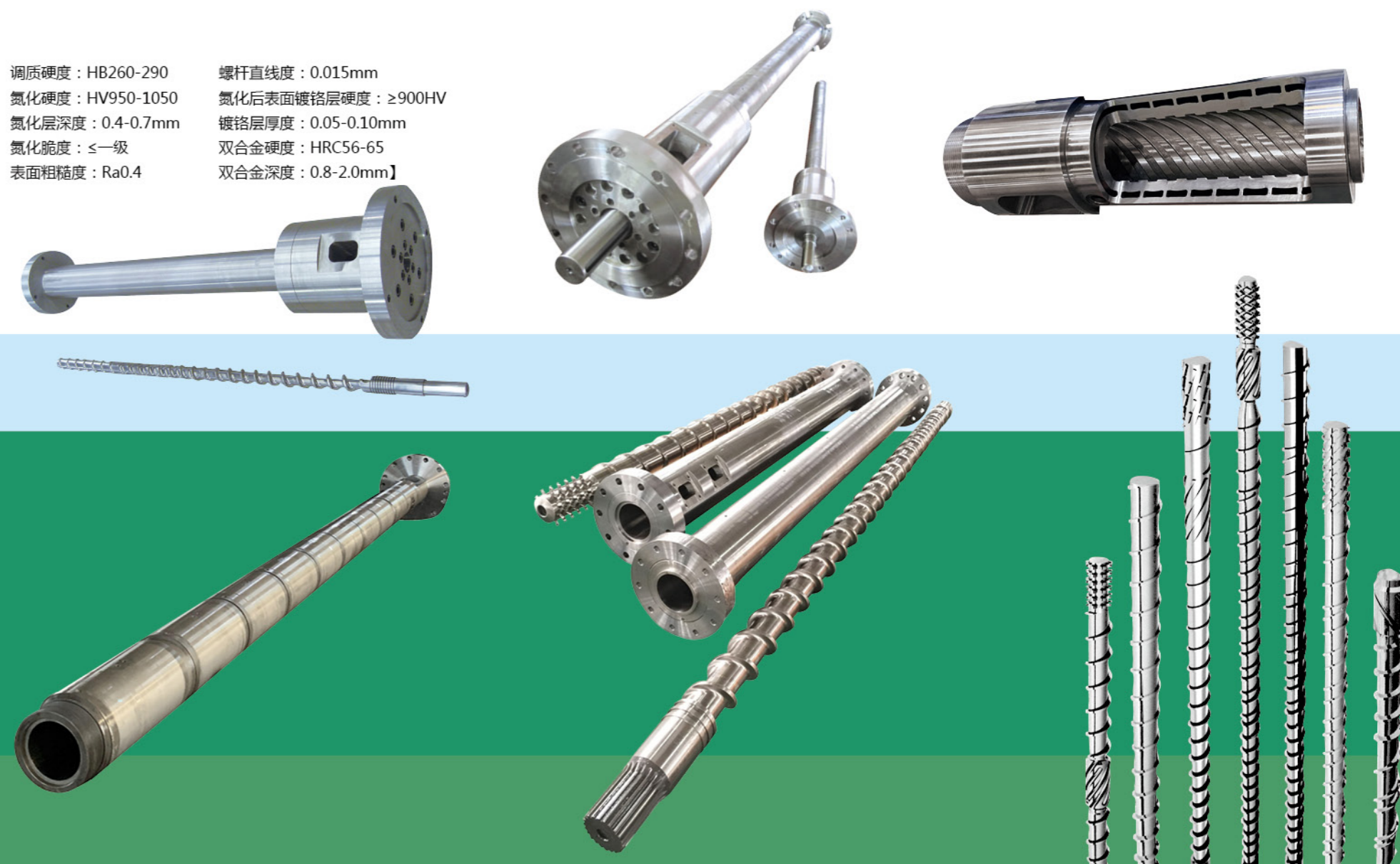


挤出机氮化合金螺杆、机筒 Extruder Nitride & Bimetal Screw Barrel



调质硬度：HB260-290
氮化硬度：HV950-1050
氮化层深度：0.4-0.7mm
氮化脆度：≤一级
表面粗糙度：Ra0.4

螺杆直线度：0.015mm
氮化后表面镀铬层硬度：≥900HV
镀铬层厚度：0.05-0.10mm
双合金硬度：HRC56-65
双合金深度：0.8-2.0mm】



规格 Specification:

螺杆直径 Screw diameter: $\varnothing 15 - \varnothing 600$
长径比 L/D ratio: 7-55

产品分类 Product classification:

针对不同的塑料制品的螺杆可选用：普通型，销钉型，屏障型，分离型，排气型，用于管材，片材，板材，吹膜，拉丝，造粒等。

According to different raw materials and products, the screw can be chosen: general type, pin type, barrier type, separation type, and vented type, Pipe, Sheet, Blowing film, Wire drawing and Granulating etc.

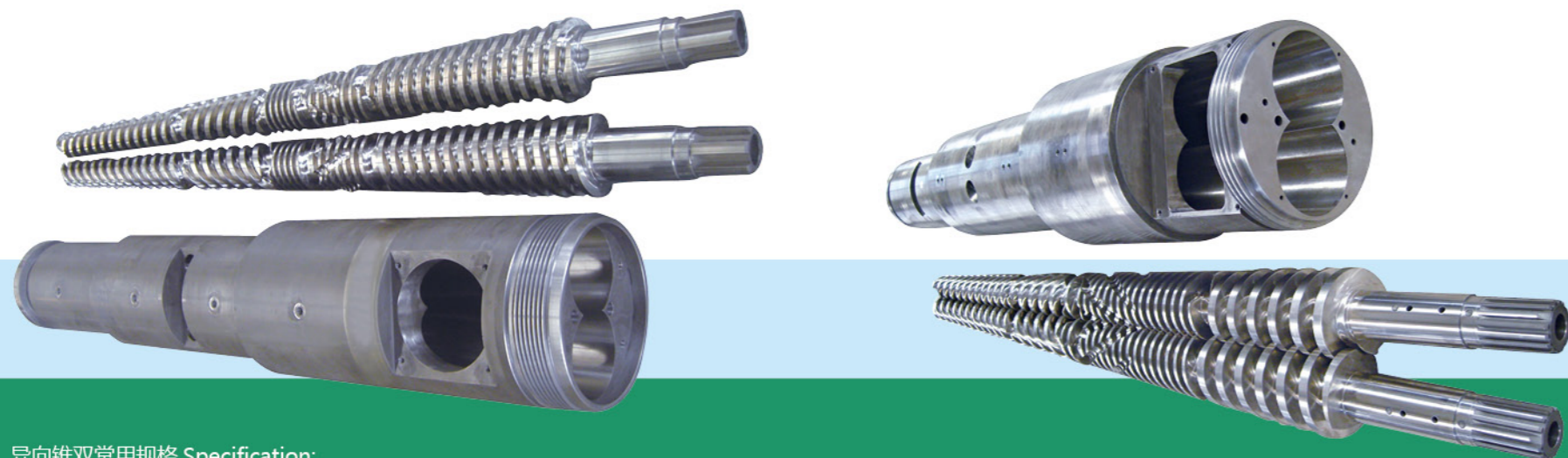
使用材料 Material

原材料 raw material	成品处理要求 The finished product processing equipments
38CrMoAlA, SACM645, 42CrMo	渗氮处理 Nitriding treatment
42CrMo, AISI4140	电镀硬铬层 Hard chrome coated layer
42Cr5MoSiV1, SKD61, SKD11	喷涂双金属合金层再渗氮处理 Spraying bimetal alloy layer and nitriding treatment
HPM38, SI36, SKD61, SKD11	不锈钢【铁】钢，高频淬火 High frequency quenching
GHI13	高温工作自然硬化 Nature hard after high temperature





异向 同向锥双螺杆和料筒 Conical twin screw and barrel



异向锥双常用规格 Specification:

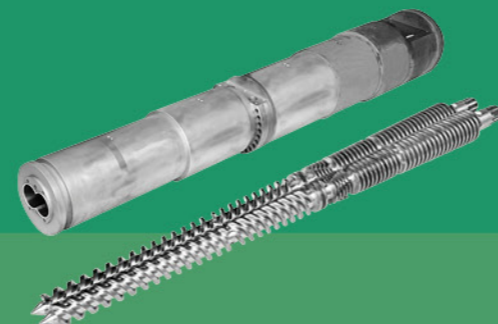
45/90, 45/100, 50/105, 51/105, 55/110, 55/120, 58/124, 60/125, 65/120, 65/132, 65/138, 70/135, 70/140, 75/150, 80/143, 80/156, 80/173, 92/188, 105/216, 110/220

双机筒螺杆类型 Twin screw and barrel Type:

CINCINNATI, BATTENFELD, KRAUSSMAFFEL, BAUSANO, MAPLAN and AMUT model spares

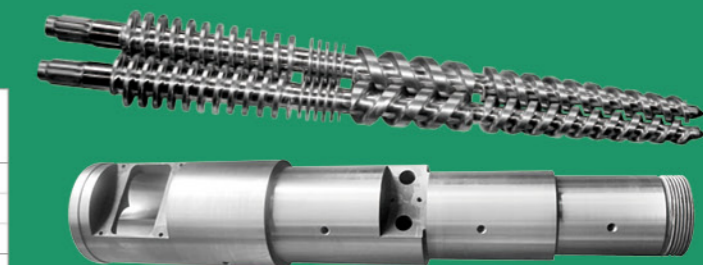
使用材料 Material

原材料 raw material	成品处理要求 The finished product processing equipments
38CrMoAlA, SACM645	渗氮处理 Nitriding treatment
Cr12MoV, H13	合金钢, 高频淬火 High frequency quenching
38CrMoAlA, SACM645, 40Cr, AISI4140, 42CrMo	内孔离心浇铸双金属 Inner hole bimetallic centrifugal casting
GHI3	高温工作自然硬化 Nature hard after high temperature

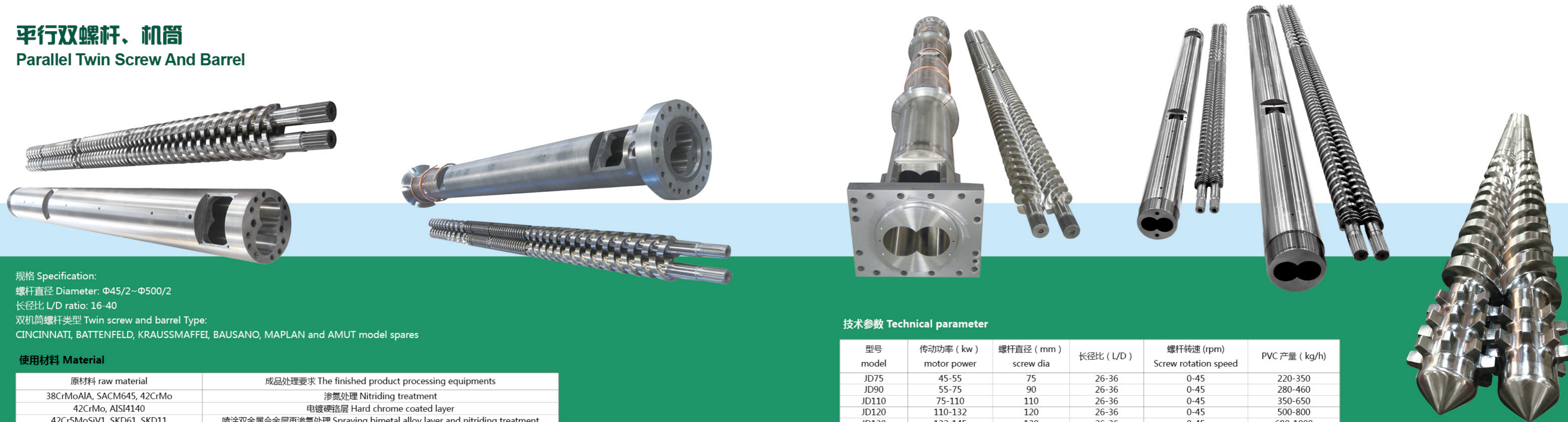


同向锥双常用规格参数 Technical parameter

型号 model	有效长度 (Effective length)	螺杆直径 (mm) screw dia	螺杆转速 (rpm) Screw rotation speed	PVC/PE 产量 (kg/h)
JD65/132	3100	Φ65/132	60-70	600-800
JD75/150	3600	Φ75/150	60-70	800-1000
JD85/170	3850	Φ85/170	60-70	1000-1200
JD95/208	4070	Φ95/208	60-70	1200-1500



平行双螺杆、机筒 Parallel Twin Screw And Barrel



规格 Specification:
 螺杆直径 Diameter: $\Phi 45/2 \sim \Phi 500/2$
 长径比 L/D ratio: 16-40
 双机筒螺杆类型 Twin screw and barrel Type:
 CINCINNATI, BATTENFELD, KRAUSSMAFFEI, BAUSANO, MAPLAN and AMUT model spares

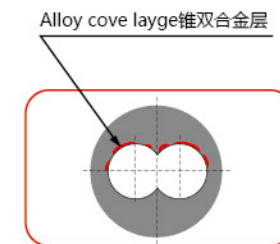
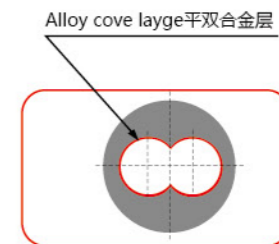
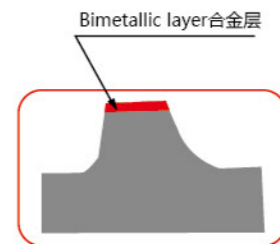
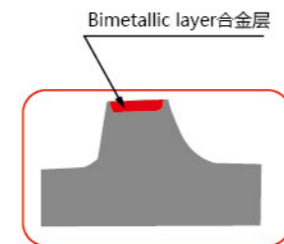
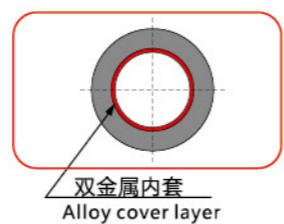
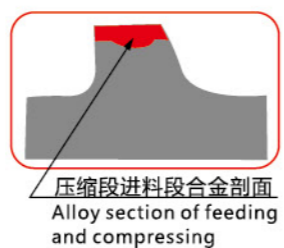
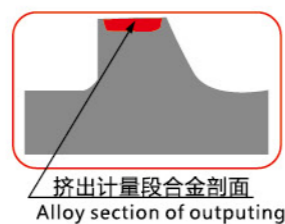
使用材料 Material

原材料 raw material	成品处理要求 The finished product processing equipments
38CrMoAlA, SACM645, 42CrMo	渗氮处理 Nitriding treatment
42CrMo, AISI4140	电镀硬铬层 Hard chrome coated layer
42Cr5MoSiV1, SKD61, SKD11	喷涂双金属合金层再渗氮处理 Spraying bimetal alloy layer and nitriding treatment
HPM38, SI36, SKD61, SKD11	不锈钢【铁】钢, 高频淬火 High frequency quenching
GHI13	高温工作自然硬化 Nature hard after high temperature

技术参数 Technical parameter

型号 model	传动功率 (kw) motor power	螺杆直径 (mm) screw dia	长径比 (L/D)	螺杆转速 (rpm) Screw rotation speed	PVC 产量 (kg/h)
JD75	45-55	75	26-36	0-45	220-350
JD90	55-75	90	26-36	0-45	280-460
JD110	75-110	110	26-36	0-45	350-650
JD120	110-132	120	26-36	0-45	500-800
JD130	132-145	130	26-36	0-45	680-1000

双金属螺杆和机筒 Bimetallic Screw And Barrel



双金属单机筒就是在机筒内壁浇铸一层2-5mm的耐磨耐腐蚀、耐高温的合金，其有效使用寿命比普通氮化机筒大大提高，对于加工工程塑料、氟塑料、聚砜、PPO特殊类型的塑料等，双金属的优越性尤为明显。
本公司生产的双金属单螺杆，采用特殊合金粉末在螺杆螺棱部分喷焊合金，可以针对不同功用的螺杆，采用不同的合金和喷焊方式。

The bimetallic barrel for single screw extruder is a kind of barrel spray 2-5mm thick alloy coat on the barrel inner wall which has excellent corrosion resistance, abrasion resistance and high working temperature. And its useful service life is greatly improved contrast to common nitrided barrel. Bimetal has more obvious advantages when processing special plastics to enhance the abrasion life, such as engineering plastics, fluoride plastics, PPO etc.
Our company use special alloy powders being sprayed and welded on the top of screw flights, and use different alloys and welding methods for the screw of different functions.



双金属双机筒就是在机筒内壁喷焊一层1-3mm的耐磨耐腐蚀、耐高温的合金，其有效使用寿命比普通氮化机筒大大提高，对于加工PVC钙粉高的配方，增加磨损寿命，双金属的优越性尤为明显。
本公司生产的双金属双螺杆，采用特殊合金粉末在螺杆螺棱部分喷焊合金，可以针对不同功用的螺杆，采用不同的合金和喷焊方式。
常用合金粉材料有：镍(Ni)、碳化钨(Wc)、钛(Ti)、陶瓷合金(Ceramic alloy)等

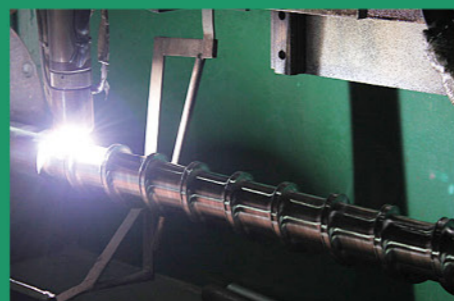
The bimetallic barrel for twin screw extruder is a kind of barrel spray a 1-3mm thick alloy coat on the barrel inner wall which has excellent corrosion resistance, abrasion resistance and high working temperature. And its useful service life is greatly improved contrast to common nitrided barrel. Bimetal has more obvious advantages when processing high calcium carbonate powder PVC mixture to enhance the abrasion life.
Our company use special alloy powders being sprayed and welded on the top of screw flights, and use different alloys and welding methods for the screw of different functions.



Bimetallic alloy centrifugal casting



HP-HVOF Alloy Coating Machine



PTA Alloy Welding Machine

橡胶螺杆、机筒 Screw and Barrel for Rubber Machine

产品技术指标 >>

橡胶挤出机冷喂料销钉式机筒、螺杆

直径:Φ60mm~Φ250mm

长径比:12-18

橡胶挤出机冷喂料机筒、螺杆

直径:Φ45mm~Φ300mm

长径比:8-20

橡胶挤出机热喂料衬套、螺杆

直径:Φ45mm~Φ250mm

长径比:4-6

Rubber cold feed pinned screw and barrel

Screw Diameter: Φ60mm~Φ250mm

L/D: 12~18

Rubber cold feeding screw and barrel

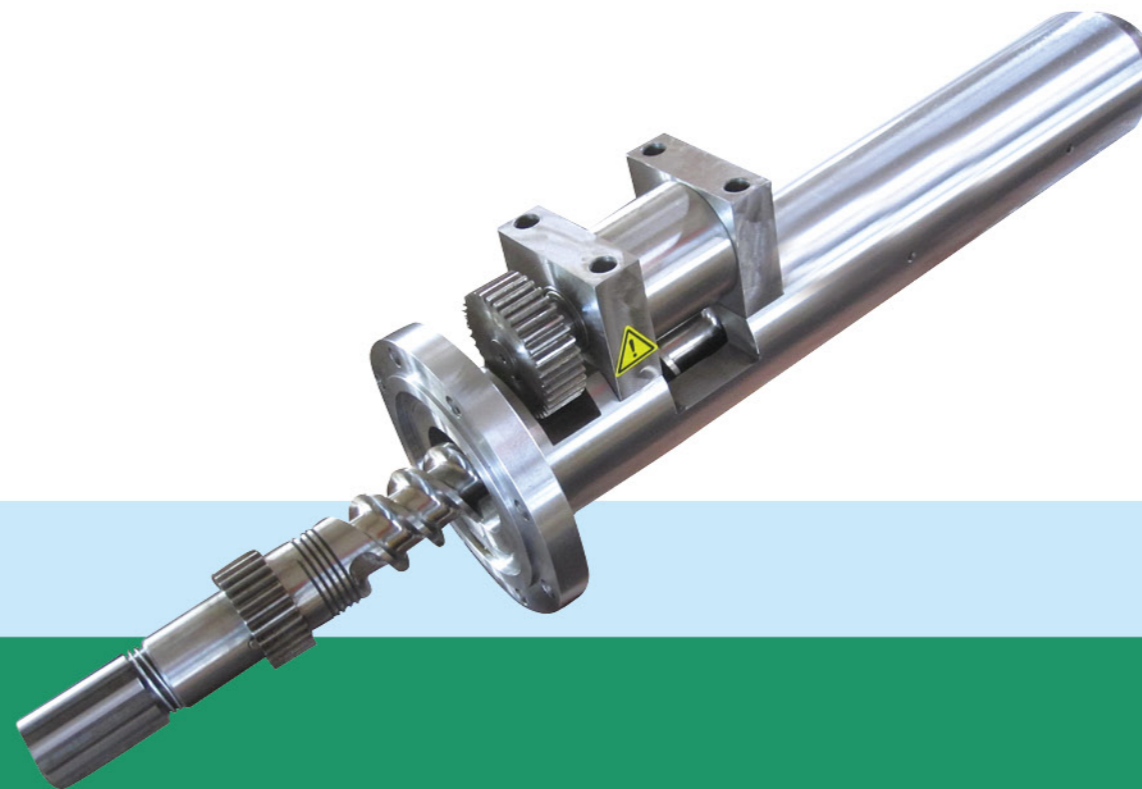
Screw Diameter: Φ45mm~Φ300mm

L/D: 8~20

Rubber hot feeding screw and barrel

Screw Diameter: Φ45mm~Φ250mm

L/D: 4~6mm



螺杆种类:

不同的橡胶产品,可以选择不同结构的螺杆,更能提高产品的质量和效率,根据客户不同要求来决定。

Screw type:

In order to get good plasticization to different rubber material,we could supply different screw designs.It will promote products quality and efficient,and mostly depends on customers different demands.

注塑机单螺杆、机筒

Single screw and barrel for injection machine

螺杆直径Screw diameter: $\varnothing 20\text{-}\varnothing 300$
 锁模力Mould clamping force: 250-3200T
 注塑量Shot weight: 30-80000G
 螺杆可选用不同的螺杆头，机筒可选用相应的喷嘴。
 Screw can be matched with different heads, and barrel can be matched with different nozzles.

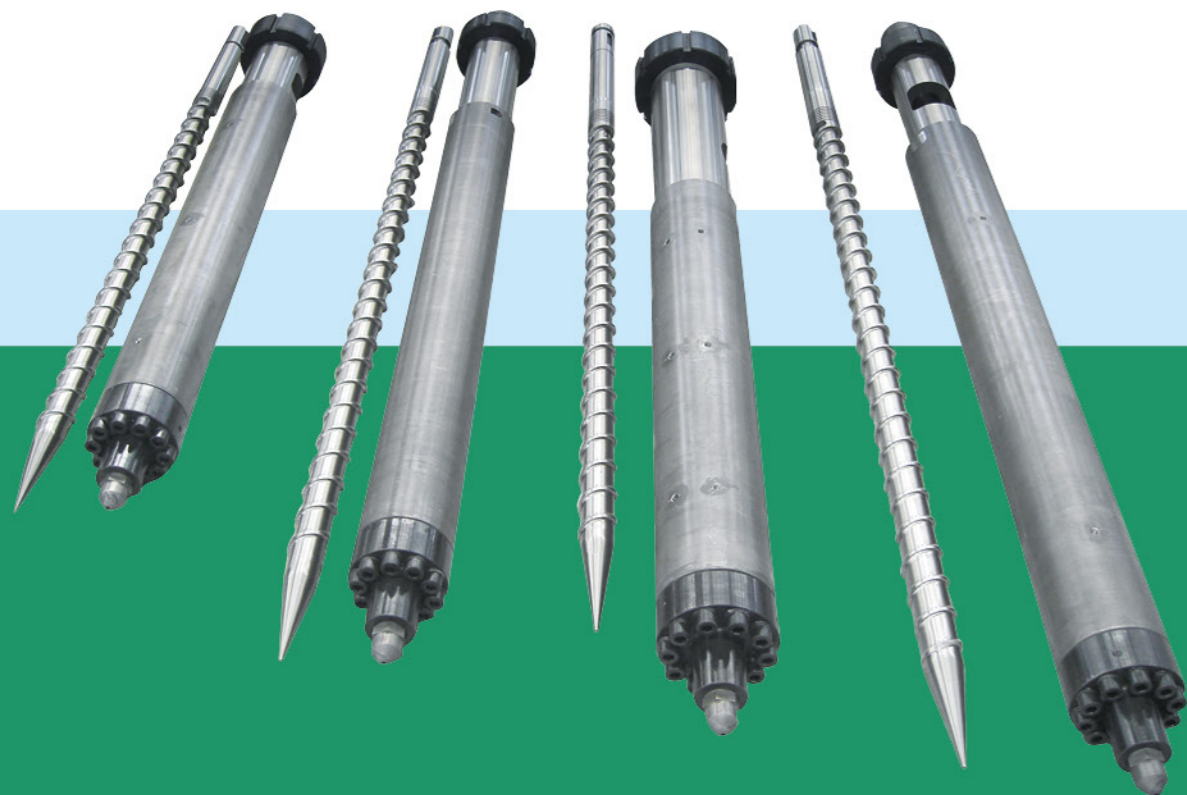
注塑机小件: screw tip (screw head), check valve, ring, barrel head and flange, nozzle.

- 1、材质：38CrMoAl A 氮化处理，表面硬度：HV \geq 900 氮化层深度：0.5-0.8mm
- 2、材质：特种合金钢，经过真空淬火等热处理工艺，能大大提高三小件的使用寿命



使用材料 Material

原材料 raw material	成品处理要求The finished product processing equipments
38CrMoAlA, SACM645	渗氮处理Nitriding treatment
Cr12MoV, H13	合金钢，高频淬火 High frequency quenching
38CrMoAlA, SACM645, 40Cr, AISI4140, 42CrMo	内孔离心浇铸双金属Inner hole bimetallic centrifugal casting
GHI3	高温工作自然硬化 Nature hard after high temperature





其他配件

Other accessories

Segment Screw And Barrel
积木式螺杆和机筒

规格 Specification: 3) 42CrMo (AISI 4140)
直径 Diameter: $\Phi 18 \sim \Phi 177$
材料 Materials: 4) SKD61
1) W6Mo5Cr4V2 5) S45C
2) 38CrMoAlA (JIS SACM 645)



我们根据物料的配比来设计机筒螺杆。

We can design the screw and barrel for you according to the proportioning of raw material.



Twin rotor screw
密炼机双转子螺杆



Air blower
离心式风机



SZ series conical twin screw extruder gearbox
SZ系列锥形双螺杆挤出机齿轮箱



YPS parallel twin screw extruder gearbox
异向平行双螺杆挤出机齿轮箱



ZLYJ series single screw extruder gearbox
ZLYJ系列单螺杆挤出机齿轮箱



Cast aluminum heater
铸铝加热器



Ceramic heater
陶瓷加热器



Hydraulic screen changer
液压换网器



PP模头(单层)
PP DIE HEAD WITH SINGLE LAYER



HDPE单层冷却风环
HDPE Air ring (one layer)



HDPE、LDPE、双层模头
Hdpe, Ldpe Die Head With Two Layer

销售网络

Sales Network



“嘉鼎”一路走来，足迹已遍布全球，在美国、德国、英国、日本、加拿大、印尼、荷兰、沙特、斯里兰卡、泰国等多个国家和地区已有合作。而在中国，“嘉鼎”销售网络基本覆盖全国各地。

未来，“嘉鼎”将带领全体员工继续努力，为打造世界一流螺杆品牌而奋斗。

“Jiading Screw” along the way, footprint has been all over the world, in the United States, Germany, UK, Japan, Canada, Indonesia, Netherlands, Saudi Arabia, Sri Lanka, Thailand, and other countries, has enjoyed good reputation. While in China, our sales network has basically covered all parts of the country.

In the future, “Jiading Screw” will lead all staff to keep trying for creating world first-class brand of screw and barrel.