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- 生产基地——东莞、无锡
Production Base-Dongguan, Wuxi
- 地区性服务中心——印度、土耳其、美国
Regional Service Centre-India, Turkey, USA
- ★ 销售、服务
Sales & Service Office
- 研究中心——东莞
R&D Centre -Dongguan



公众号
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德科摩橡塑科技(东莞)有限公司
DEKUMA RUBBER AND PLASTIC TECHNOLOGY(DONGGUAN)LTD.
(大同机械企业有限公司成员 Member of Cosmos Machinery Enterprises Ltd.)

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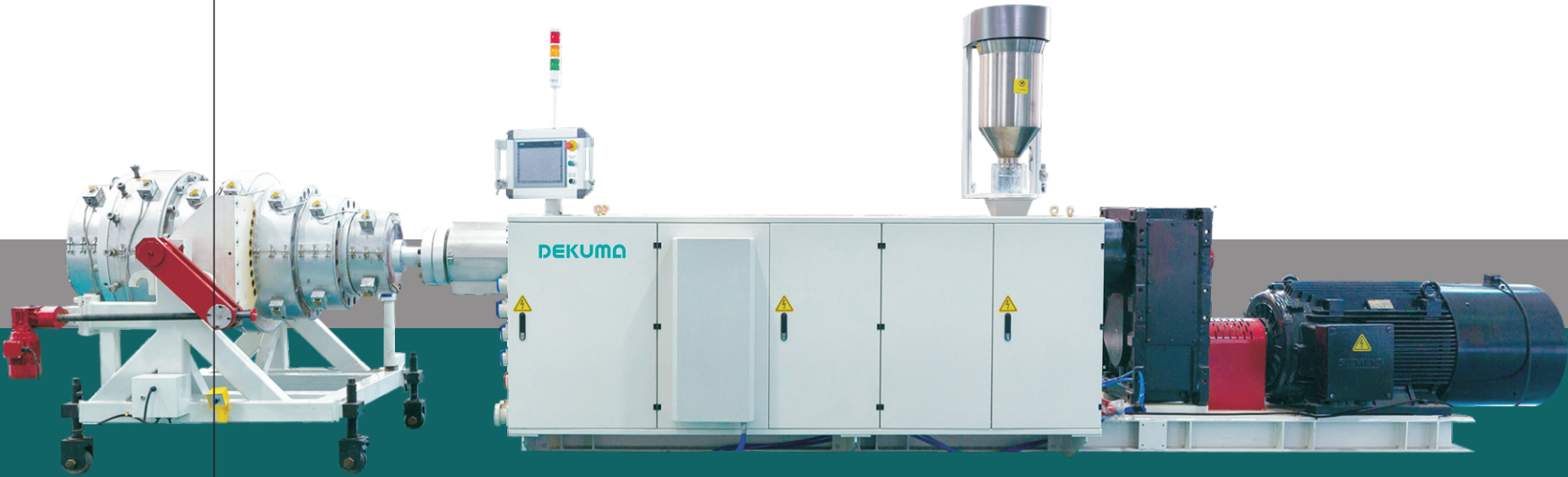
荣获ISO 9001认证
An ISO 9001 certified company

DEKUMA
中国高端橡塑机械行业领导者



管材挤出生产线

EXTRUSION LINES



EXTRUSION LINES 202504

德科摩橡塑科技(东莞)有限公司
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PE/PPR 管材生产线
PE/PPR PIPE



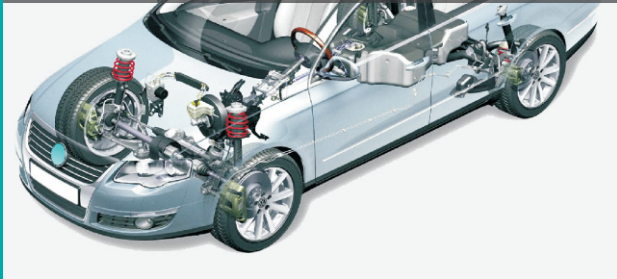
- 超大PE管，最大管材直径2800mm
Large size PE pipe, up to ϕ 2800mm
- PE/PPR 给水管、热水管、燃气管等
PE/PPR pipe for water and gas
- 各种多层PE/PPR管
Multi-layer PE/PPR pipe

PVC 管
PVC PIPE



- UPVC 给水管、排水管、电线管
UPVC pipe, for portable water, drainage, wire
- CPVC 管
CPVC pipe
- 多层CPVC/UPVC管
Multi-layer CPVC/UPVC pipe

汽车油管
AUTOMOTIVE NYLON TUBING



- 单层/多层尼龙汽车油管
Single/Multi layer nylon tube
- 单层/多层尼龙波纹管
Single/Multi layer corrugated nylon tube

其它管材
OTHER PIPE SOLUTIONS



- PE-RT/PE-X 单层/多层地暖管
Single/Multi-layer PE-RT/PE-X floor heating pipe
- 医疗管材
Medical tubing
- 光纤吹装套管
Telecommunication cable microduct.

项目介绍
Project Introduction

德科摩产品秉承欧洲标准，主要部件均由德国工程师主导设计，且所有原材料的选用及加工流程都严格遵循德国标准，从而使德科摩的产品均具有极高的优良性和可靠性。经过20年的发展与经验积累，德科摩已具有一支研发管材挤出生产线的专业团队，40多项国家专利，可提供包括最大为2800mm外径的管材挤出生产线。

目前德科摩的产品已遍布欧美、拉美、中东、东南亚等20多个国家，并在巴西、印度、俄罗斯、哥伦比亚、埃及设有代理，为客户提供售前、售中及售后全方位服务。

DEKUMA products are in compliance with European standard. The design of the main components is directed by German engineers, and all materials and manufacturing processes are strictly controlled under the German procedures and quality standards. Thus DEKUMA products are world-wide recognized for their high quality and high reliability. After 20 years of development and experience accumulation, DEKUMA has possessed a professional team for extrusion line R&D, and gained more than 40 patents. It can provide a full range of products, including pipe extrusion lines with diameters up to 2800.

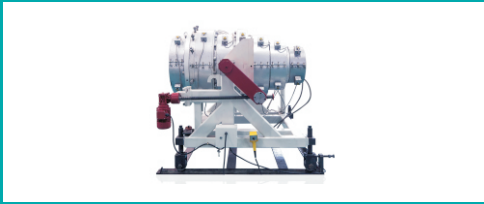
DEKUMA has become a globally renowned provider of extrusion lines, so far, DEKUMA's products have spread over 20 countries in America, Europe, Latin America, Middle-East, Southeast Asia. DEKUMA already has agents in Brazil, India, Russia, Columbia, Egypt, to supply comprehensive services to customers in the pre-sales, in-sales, and after-sales.



DKM挤出机
Dekuma Extruder
P05-10
高效率、稳定挤出生产
High efficiency, stable extrusion



控制系统
Control System
P11-12
整线控制，稳定可靠；可选iSee云监控方案
Stable whole line control, optional isee cloud monitoring solution



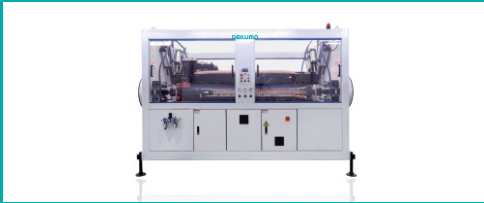
模头
Die Head
P13-14
多种专利设计，适应不同材料，不同结构的管材生产
Patented design, adaptable for various raw materials



真空定径机
Vacuum Calibration Tank
P15
快速稳定的真空定径
多种结构，适应从5mm到2800mm的管材生产
Fast and stable vacuum calibration
applicable for 5mm-2800mm pipe diameters



冷却箱
Cooling Tank
P16
多种结构，适应从5mm到2800mm的管材生产
Applicable for pipe dia.5mm-2800mm



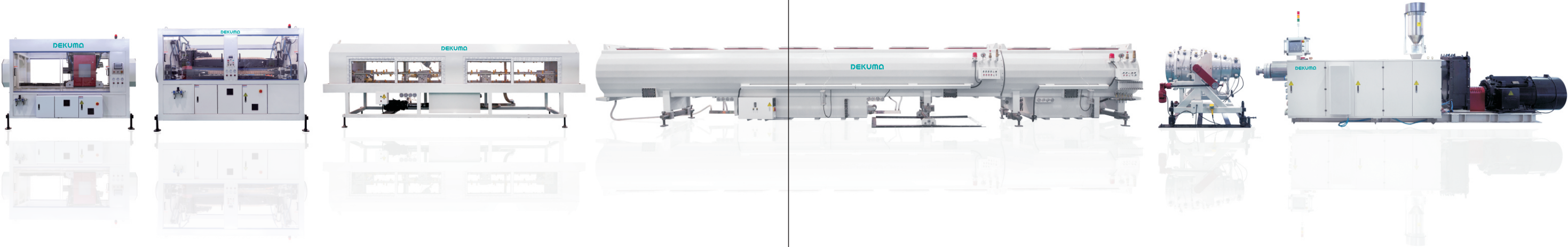
牵引机
Haul-off Unit
P17
各履带独立驱动，精确同步，牵引管材稳定生产
Separate drive on each caterpillar
Accurate synchronization, guarantee stable production.



切割机
Cutting Unit
P18
多种专利设计，
适应不同尺寸不同结构的管材切割。切口光滑平整
Patented design applicable for different sizes&different pipe struture, smooth cutting



公司简介
Company Profile
P21-22



单螺杆挤出机
Single Screw Extruder

德科摩所有单螺杆挤出机均采用最新德国DEKUMA挤出技术科技，以保证让它们具有杰出的加工性能。我们每个部件都力求完美以使整机性能更加卓越，DKM单螺杆挤出机螺杆有45、60、75、80、90、100、120及150九种标准直径，有33D/36D两种有效长径比。采用先进的B&R 或 SIEMENS模块化控制系统， 以实现对整个线的自动化控制和实时数据记录。

优点：

- 产量高，能效高
- 原料适应性广
- 性能持续稳定

The extrusion line from DEKUMA adopts the latest German technology which guarantees the superior machine performance. DEKUMA strives for perfection in each individual component. DKM single screw extruder provides nine different diameter screws: 45mm, 60mm, 70mm, 75mm, 80mm, 90mm, 100mm, 120mm and 150mm, and two different L/D ratio 33D and 36D. Advanced B&R or SIEMENS modular control system realizes automatic control and real-time data logging of the whole line.

Advantages:

- High output in high energy efficiency
- Wide adaptability of raw materials
- Stable production

单螺杆挤出机技术参数 Technical Data Of Single Screw Extruder

型号 EXTRUDER TYPE	DKM- EI45X33	DKM- EI60X33(36A)	DKM- EI70X33A	DKM- EI75X36A	DKM- EI90X36A	DKM- EI120X36A	DKM- EI150X36A
驱动 DRIVE							
额定驱动功率(kw) Rated Drive Power	45	75(90)	90(110)	160	250	355	500
最大驱动速度(1min) Max.Nominal Driving Speed	1500	1500	1500	1500	1500	1500	1500
螺杆 SCREW							
螺杆直径(mm) Screw Diameter	45	60	70	75	90	120	150
长径比(L/D) Effective Screw Length	33	33(36)	33	36	36	36	36
最大螺杆转速(rpm) Max.Screw Rotation Speed	300	220	180	185	155	120	95
机筒 BARREL							
加热/冷却段数 No. of Heating/Cooling Zones	4	4	4	4	5	6	6
机筒加热功率(KW) Barrel Heating Power	10	12	18	22	28	38	42
连接体加热功率(KW) Adapter Heating Power	1.7	1.75	1.75	1.8	2.1	2.8	4
产量 OUTPUT RATE							
HDPE/MDPE(kg/h)	175-200	280(430)	360	650	970	1350	1800
LDPE(kg/h)	160	260(400)	320	600	900	—	1600
PP(kg/h)	140	220(320)	360	480	700	750	1250
PB(kg/h)	70	100	100	—	—	—	—
PS/ABS(kg/h)	125	150	200	—	—	—	—
PE-RT(kg/h)	180	260(400)	320	650	900	1000	—

33/36D屏障式螺杆
33/36D barrier screw

产量高、耐磨损、
物料熔融均匀平缓
High output,wearing resistance
Even&smooth melting

机筒
Barrel

优质合金钢
氮化处理低磨损率
High quality steel alloy,
nitrogen treatment
wearing resistance

控制系统
Control system

整线自动化控制
实时数据记录
Auto control on whole line
Real-time data logging

米重系统
Gravimetric dosing control system

精确控制管材米重，节省材料
Accurate control on weight per meter
Raw material saving

高效节能的电机
Efficient and energy-saving motor
AC或DC
AC/DC motor

可靠耐用齿轮箱
Reliable gearbox

使用寿命长，维护成本低
long service life, low maintenance cost

优质的电气元件
Quality electrical components

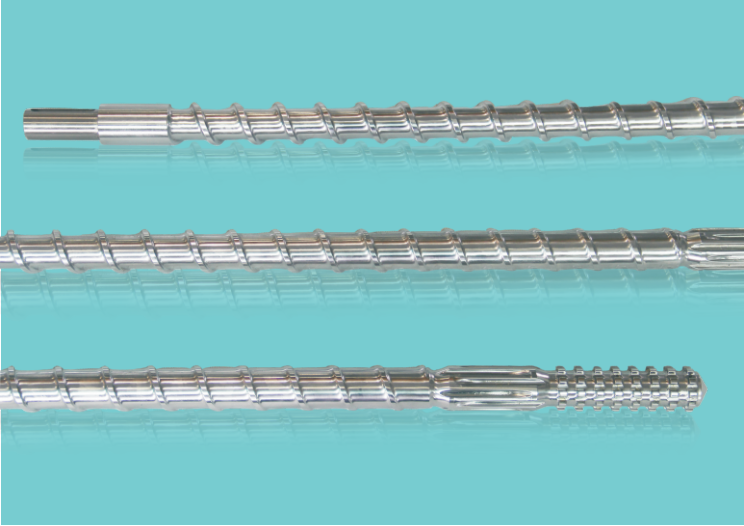
高端品牌，稳定可靠
world famous brands,stable and reliable

33/36 L/D 单螺杆挤出机系列

- 高效挤出生产
- 防磨损设计螺杆
- 熔融过程平缓，
- 物料熔融均匀
- 较低的熔体温度

33/36 L/d Single Screw Extruders

- High Output
- Wear-resistant Design
- Gentle Melting Process
- Even Melting
- Low Melt Temperature



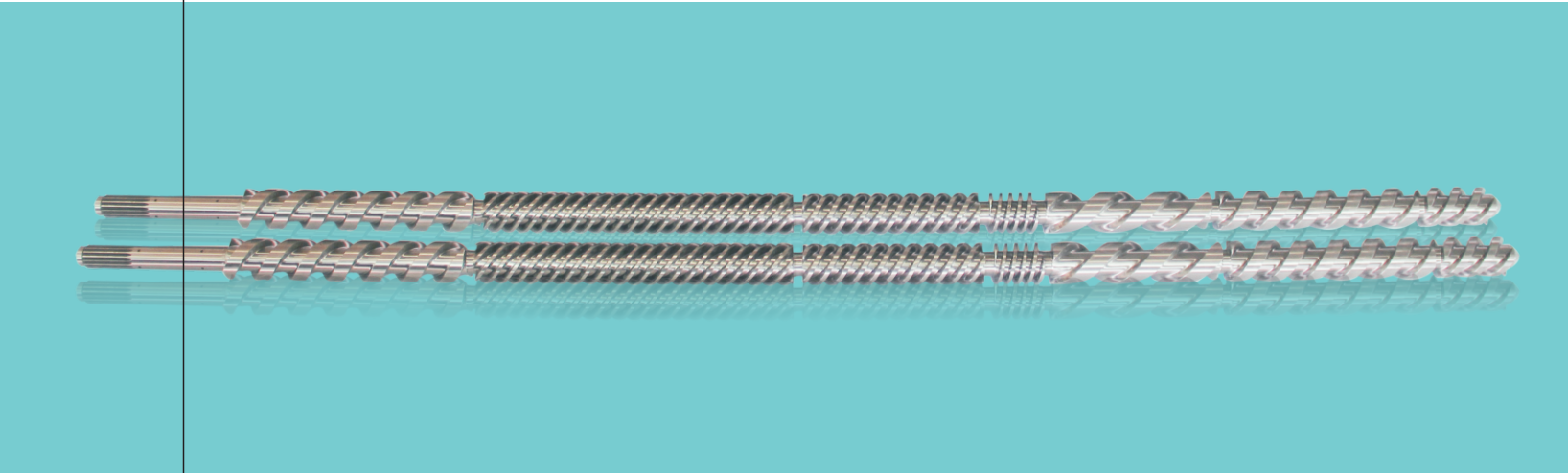
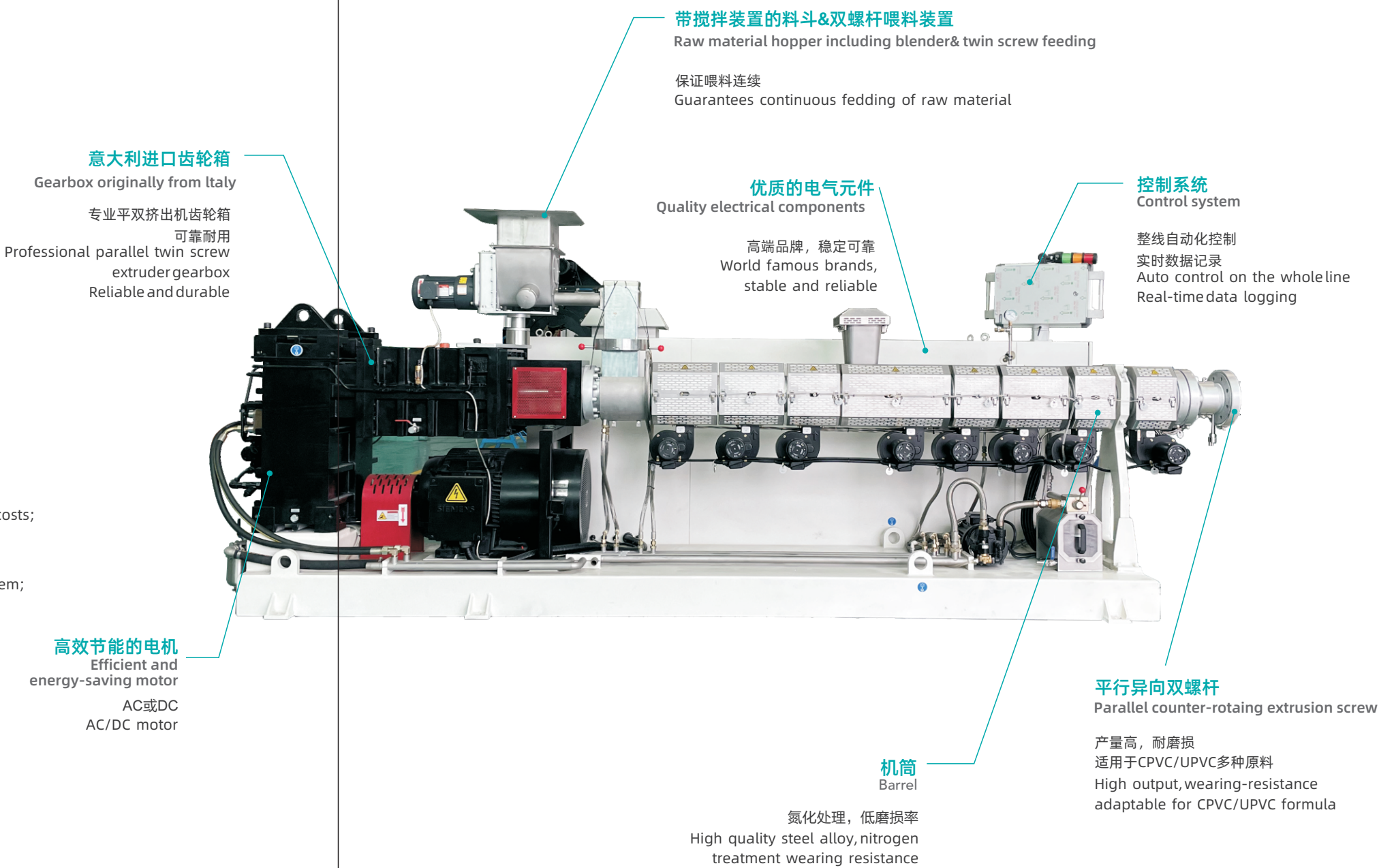
双螺杆挤出机
Twin Screw Extruder

- ▶ 优化设计的整体排气式平行异向双螺杆，可适用于CPVC/UPVC不同配方的原料，同时具备低磨损，低能耗，高效率，均匀稳定等挤出特性；
- ▶ 专业品牌的平双挤出机齿轮箱，稳定耐用，维护成本低；
- ▶ 采用西门子电脑控制系统，实现对整线的自动化控制；
- ▶ 优质电气元件保证系统可靠的控制精度和使用寿命；
- ▶ 性能卓越的温控系统保证挤出机各加热区的温度控制精度，进而保证PVC制品的质量良好；
- ▶ 良好的真空排气系统保证产品挤出过程抽气抽湿效果；
- ▶ 结构良好的机筒水冷、风冷系统确保良好的产品性能。

- Optimized design of the ventilating parallel counter-rotating twin screw, can be applied to different formulations of CPVC / UPVC materials. Having the advantages of low wear, low energy consumption, high efficiency, even and stable extrusion;
- Professional brand of gearbox for parallel twin screw, stable and durable, low maintenance costs;
- SIEMENS control system, Guarantees the automatic control of the whole line;
- High quality electrical components ensure control accuracy and service life of the control system;
- The excellent temperature control system guarantees the temperature control precision of each heating zone of the extruder, thus ensuring the good quality of PVC pipe;
- A good vacuum exhaust system ensures the pumping and dehumidifying effect during the extrusion process;
- The well-structured water-cooled, air-cooled system on the barrel ensures good product quality.

双螺杆挤出机技术参数 Technical Data Of Twin Screw Extruder

型号 EXTRUDER TYPE	DKM-EII75x28A/36A	DKM-EII92x28A	DKM-EII107x28A	DKM-EII138x28A
螺杆直径 Screw Diameter	φ75mm	φ92mm	φ107mm	φ138mm
长径比 L/D Ratio	28/36	28	28	28
驱动功率 Drive Power	45kw/55kw	67kw	90kw	160kw
最高转速 Max. Screw Rotation Speed	45.4rpm	41rpm	37rpm	37rpm
加热区数 Heating Zones	6/7zones	6zones	6zones	6zones
加热功率 Heating Power	45/51kw	54kw	63kw	87kw
风冷功率 Air Cooling Power	0.72kw	0.72kw	1.48kw	2.24kw
喂料功率 Feeding Power	0.75kw	1.1kw	1.1kw	1.1kw
最大产能 Max. Output	350/450kg/h	600kg/h	700kg/h	1000kg/h
适用原料 Applicable Materials	UPVC/CPVC	UPVC/CPVC	UPVC	UPVC



双锥形双螺杆挤出机

Double Conical Twin-Screw Extruder

- ▶ 螺杆采用双锥型、变螺距、加长螺杆等最新结构，因而使产量提高30%以上。

▶ 分配齿轮箱结构紧凑、拆装方便。推力轴承采用进口名牌轴承。

▶ 减速箱为硬齿面齿轮减速机，承载能力大、使用寿命长。

▶ 主机和加料机驱动为直流电机驱动，直流调速器采用世界名牌英国欧陆调速器，可实现主机、加料机和牵引机同步调速，使操作极为方便。

▶ 采用日本RKC温控表或PLC电脑温控系统，使温度控制更精确。

▶ 主要电器元件均采用进口或中外合资生产产品。

▶ 均装有熔融物料压力和温度传感器，使得物料情况一目了然，操作更为方便。

▶ 双锥形双螺杆挤出机主要适用于加工软、硬PVC管材、PVC异型材、PVC电缆线、PVC透明瓶料及一些聚烯烃塑料制品，尤其适合于塑料粉料直接成型。
- The longer screw with the newest double conical structure and variable pitch improve the output by over 30%.

• The compact distribution gearbox with the thrust bearings of the famous brand makes the convenient assembly and/or disassembly.

• The hardened gear surface of the gearbox guarantees the high loading capacity and long service life.

• The extruder and feeder are driven by the DC motor. The using of British EUROTHERM DC speed controller achieves the synchronization of the extruder, feeder and haul-off machine, which makes the operation more convenient.

• The Japanese RKC temperature control meter or PLC computer temperature control system, ensures precise temperature controlling.

• The main electrical components are from the overseas suppliers or domestic joint ventures.

• The melt pressure and temperature transducers allow the obvious inspection of the melt and easy operation.

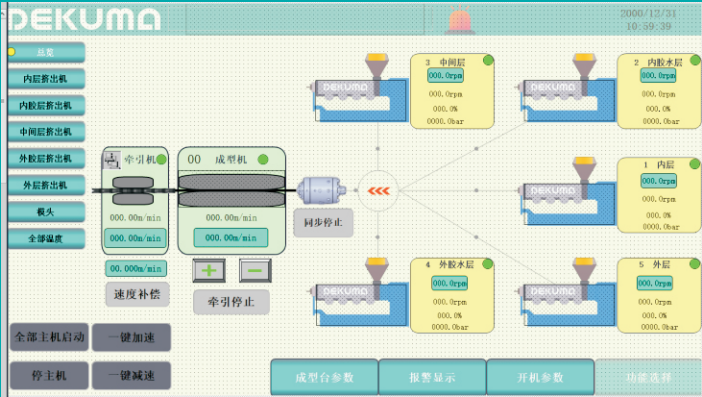
• The Double Conical Twin-Screw Extruder are mainly used for the processing of the soft/hard PVC pipes, PVC profiles, PVC cables, PVC transparent bottles as well as the other polyolefin products, especially the direct processing of the plastic/powder materials.



主要技术参数 Main technical data

型号 EXTRUDER TYPE		DKM-EII51/105	DKM-EII65/132	DKM-EII80/156
螺杆直径 Screw Diameter	mm	51/105	65/132	80/156
螺杆转速 Screw Rotation Speed	rpm	40	38	38
螺杆有效长度 Effective Length of Screw	mm	1060	1300	1600
主电机功率 Main Motor Power	kw	22	37	55
机筒加热功率 Barrel Heating Power	kw	16	24	35
生产能力 Max. Output	kg/h	100-120	280-350	400-550
机器中心高度 Center Height	mm	1000	1000	1000
外形尺寸 Dimension (LxWxH)	mm	3780×1280×2155	4170×1380×2350	3660×1380×2495

控制系统
Control system



DEKUMA

1先进的控制系统/advanced Control System

控制系统采用西门子S71200系列PLC，控制面板为西门12寸或19寸精智1280x800像素彩色显示。操作简单、可靠性强、维护性强。

By adopting SIEMENS S7-1200 series PLC and SIEMENS 12 inch or 19 inch LED intelligent touch screen with 1280x800 resolution color display, Dekuma extruder control system has advantages of easy operation, strong reliability and easy maintenance.

2专业的通讯方式/professional Communication

整线采用PROFINET通讯，具有开放性、灵活性、高效率和高性能，为接入工业4.0打下基础。

The whole line adopts PROFINET communication, having characters of wide opening, strong flexibility, high efficiency and excellent performance.

All are good foundation to Industry 4.0.

3系统的高度集成/perfect Integration

整机系统控制高度集成，主机和牵引机的启/停、加/减速、各类保护及互锁、以及控制全部集成，示意清晰，操作直观便捷。此外，可以对主机和牵引同步加减速，并直观的观察到实时反馈的各项数据等。

The whole line has realized the high level integration. Full integration between extruder and haul-off unit for controls on start/stop, speed up/down, machine protection and interlock. Indication is clear, operation easy and convenient. Besides, Dekuma extruder control system can synchronously control the speed of the extruder and haul-off unit. And all data by real-time feedback are observable directly in the control system.

iSee 智能管理云平台
iSee Intelligent management cloud platform



iSee的由来 / The Origin of iSee

iSee4.0智能管理云平台，是CML集团自主研发的计算机软件系统。

The iSee4.0 Intelligent Management Cloud System is self-developed by CML group.

主要功能 / Main functions

收集、分析和监控设备数据，从而让经营决策者能随时随地系统全面地了解机器状态，制定精准的生产计划和公司策略。

The machine data will be collected, analysed and monitored, and the company managerial decision maker can specify the accurate production plan and company strategy after fully gaining the machine status anytime anywhere.

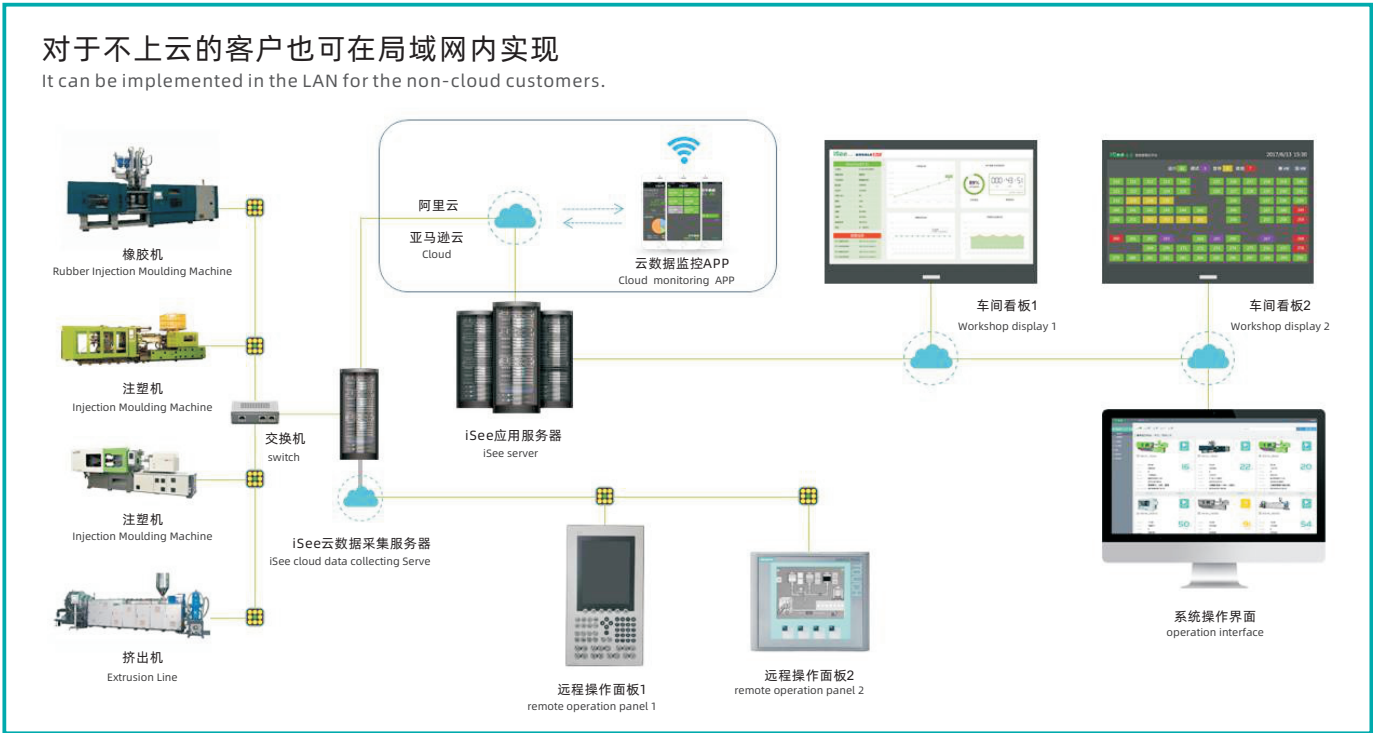
适用范围 / Scope of application

适用任何开放接口的机器。

Applicable to any machine of interface access-free.



iSee网络架构图 / iSee Network Structure chart



iSee功能模块 / ISee SPC

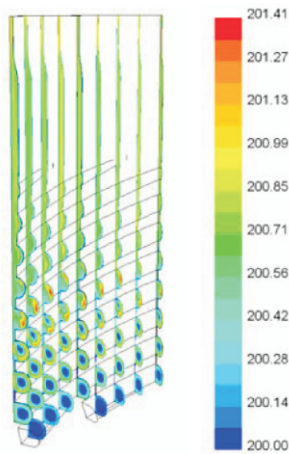


iSee的投资效益分析 / Investment Benefit Analysis of iSee

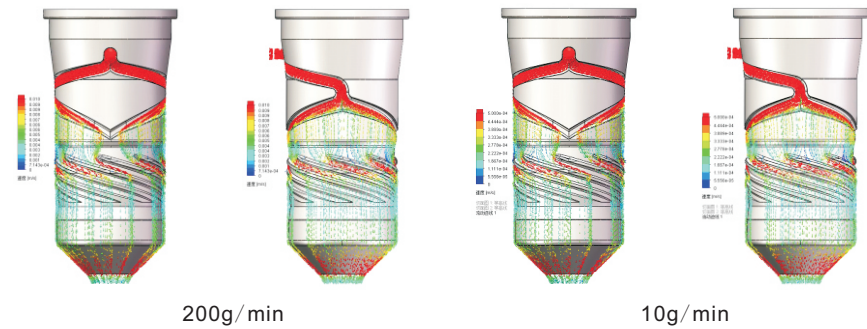


挤出模头
DEKUMA-extrusion Die Head

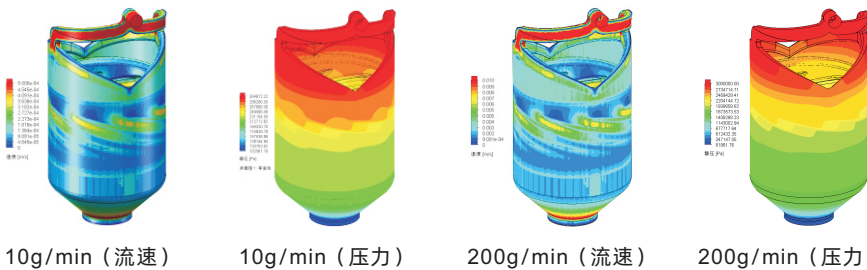
- ▶ 不受物料粘度变化的影响适应于HDPE/MDPE、PERT、PP/PP-R、PPR- FBER、PB、PS/ABS及HMW-PE管材生产，并有极稳定的加工特性；
 - ▶ 极低的压力损耗和低熔融体温度下的高挤出量；
 - ▶ 较低的熔体压力和熔体温度使管材内应力降至最低；
 - ▶ 大容量的顺畅流道确保管材内应力降至最低；
 - ▶ 高品质陶瓷加热器使用寿命长；
 - ▶ 管材内外表面光滑无划痕。
- Regardless of material viscosity variation, widely applicable for HDPE/MDPE, PERT, PP/PP-R, PPR-FIBER, PB, PS/ABS and HM W-PE pipe production with reliable processing property;
 - High output at very low pressure loss and low melt temperature;
 - Small pipe stress due to the low melting pressure and temperature;
 - Capacious and smooth runner reduces the pipe stress to the minimum;
 - High quality ceramic heater with longer service life;
 - Both inner and outer surfaces of the pipe are smooth and nice.



整体胶料流动结果

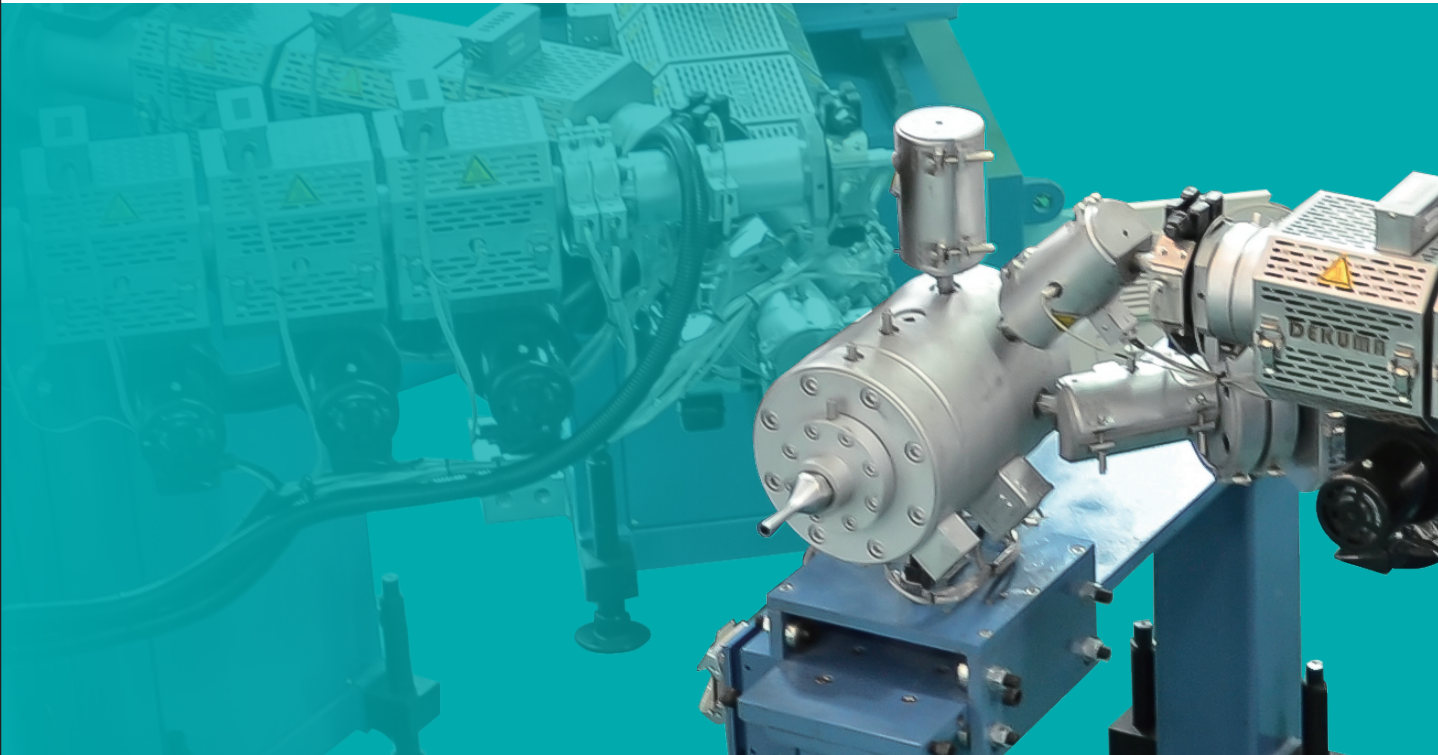
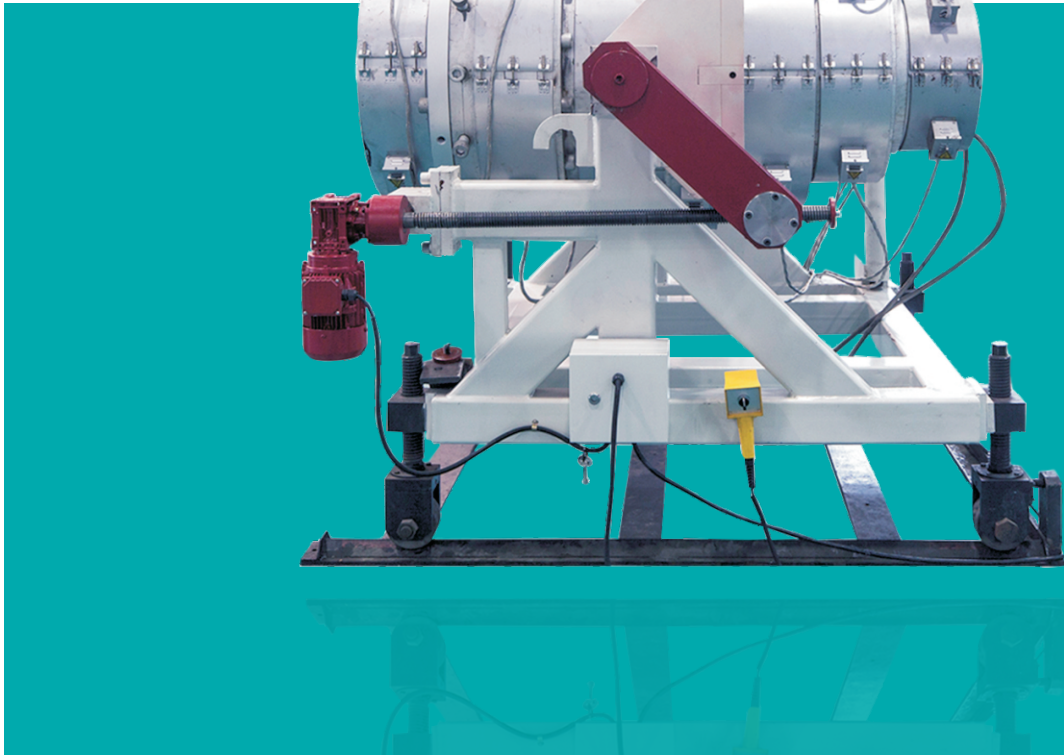


胶料整体压力及流速分布结果



专为DKM系列单螺杆挤出机开发的，DKM篮式模头和篮式螺旋复合模头，与DKM高速真空定型装置配套使用，您能在保证极高产量的同时，获得完美的产品质量，管材最大直径可达2800mm。

The specially designed DKM basket die head and spiral die head for the DKM series single screw extruder fits well with the DKM high speed vacuum calibrator, guarantees the high output with excellent quality. The maximum pipe diameter can reach 2800mm.



真空定径机
Vacuum Calibrator

优化设计的真空定径箱及水路系统均采用不锈钢制作，双回路供水系统配备独立的过滤元件预防堵塞喷嘴，快速真空控制系统确保真空度稳定高效喷雾冷却，真空下快速均匀冷却定型水温、水位自动控制，根据制品要求提供一室和两室真空定径机。

Optimum stainless steel vacuum calibration tank and piping. Dual water cycle system with independent filter prevents the nozzles from being blocked. Quick response vacuum control system guarantees the reliable vacuum degree. High efficiency spray cooling guarantees the quick sizing under vacuum condition. Automatic water temperature and level control Single chamber and/or double chamber vacuum calibrator are available according to the products requirement.



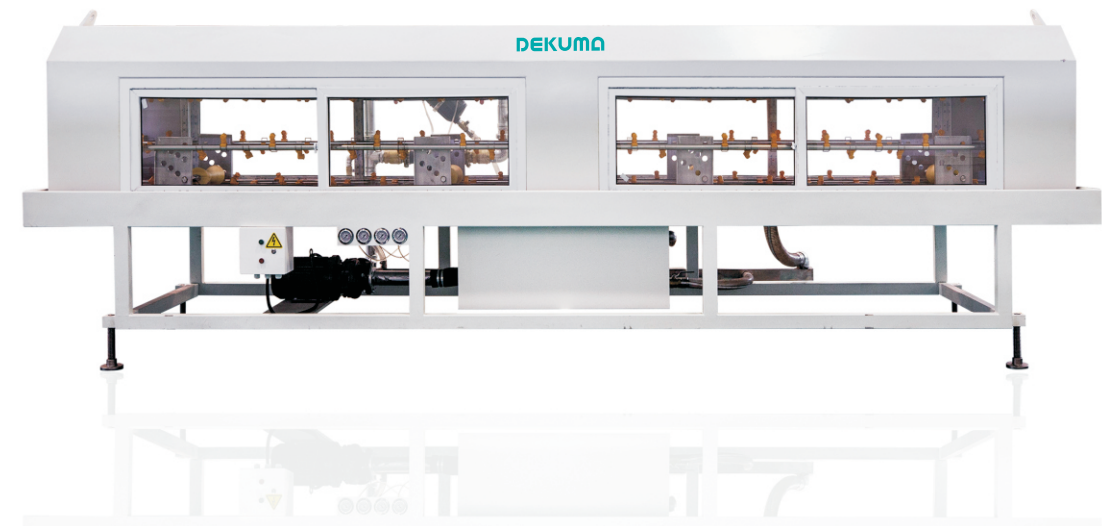
真空定径机参数 Technical Data Of Vacuum Calibrator

型号 TYPE	DKM-EDJ63	DKM-EDJ160	DKM-EDJ250	DKM-EDJ315	DKM-EDJ450	DKM-EDJ630	DKM-EDJ800	DKM-EDJ1200	DKM-EDJ1600	DKM-EDJ2000
管径范围(mm) Pipe Diameter	φ10-63	φ20-160	φ50-250	φ75-315	φ90-450	φ200-630	φ280-800	φ500-1200	φ710-1600	φ1200-2000
水泵 (kw) Water Pump Power	5.5	2x5.5	2x5.5	2x7.5	2x7.5	2x11	2x11	2x7.5+4x5.5	2x7.5+4x7.5	2x11+4x5.5
真空泵(kw) Vacuum Pump Power	3.0	2x3.0	3+4.5	2x4.5	5.5+2x4.5	7.5+2x5.5	7.5+2x5.5	2x5.5+4x5.5	2x5.0+4x4.0	2x7.5+4x7.5
真空箱长度(mm) Vacuum Tank Length	9000/6000	9000/6000	9000/6000	9000/6000	9000/6000	12000/6000	12000/6000	12000/6000	12000/6000	12000

冷却系统

喷淋冷却箱(槽)及管路系统均采用不锈钢制作, 优化设计的带过滤装置的双回路管道和优化分布的喷雾型喷嘴使管材。快速均匀冷却, 水温、水位自动控制。根据用户要求, 可提供全不锈钢喷淋冷却箱和可视化不锈钢喷淋冷却槽两种配置。

Stainless steel spray cooling tank (trough) and piping works, Rapid and even pipe cooling is realized by the rationally distributed nozzle and the optimized dual-circuit water pipe with filter. Automatic water temperature and level control. Both stainless steel spray cooling tank and the visible stainless steel spray cooling trough can be available according to customers requirement.



喷淋冷却箱参数 Techincal Data Of Spray Cooling Tank

[illegible]

牵引机

Haul-off Unit

- ▶ 履带传动采用交流变频伺服电机精确同步驱动；

▶ 上履带采用气缸柔性加紧,自动适应管材规格变化并与管材保持良好接触压力,下履带根据管材规格电动调节至所需牵引管径位置；

▶ 采用与链条直联的高摩擦系数橡胶块；

▶ 有二、三、四、六、八、十、十二、十六条履带多型号牵引机

▶ 适应管径范围：Φ5-Φ2800mm
- Caterpillar with AC servo motor realizes precise synchronization driving

• With pneumatic flexible clamping, the upper caterpillar can be adapted per the pipe specification variation and keeps good contact pressure with the pipe; the lower caterpillar can be electrically adjusted to the required haul-off position per the pipe specification

• High friction rubber pads connects with the chain.

• Haul-off unit with 2, 3, 4, 6, 8, 10, 12, 16 caterpillars.

• Applicable for pipe diameter:Φ5-Φ2800mm



牵引机参数 Techincal Data Of haul- off unit

型号 TYPE	DKM-EQY63	DKM-EQY160	DKM-EQY250	DKM-EQY315	DKM-EQY450	DKM-EQY630	DKM-EQY800	DKM-EQY1200	DKM-EQY1600	DKM-EQY2000
牵引范围 Pipe Diameter	φ10-63	φ20-160	φ50-250	φ75-315	φ90-450	φ200-630	φ280-800	φ500-1200	φ710-1600	φ1200-2000
履带数量(mm) Quantity of Caterpillar	2	3	3/4	4	4/6	6	8	10	12	16
接触长度(mm) Contact Length	1200	1500	1500	1750	2350	2000	2350	2350	2350	2350
最大牵引力(n) Max. Haul-off Force	10000	20000	20000	25000	40000	60000	80000	200000	240000	200000
牵引速度(m/min) Haul-off Speed	0.6-30(125)	0.5-20	0.2-10	0.1-5.5	0.1-2.7	0.89	0.05-0.89	0.05-0.89	0.05-0.89	0.05-0.89

切割机

Cutting Unit

- ▶ 采用液压浮动进刀方式，特殊结构锯片适合厚壁PO管切割，切口光洁美观；

▶ PVC切割和倒角可以同时进行；

▶ 有锯切割和刀片无屑切割两种形式；

▶ PLC控制同步进行；
- Hydraulic fluctuating blade advancing method, special blade/saw structure suitable for cutting pipes of big wall thickness smooth cutting

• Simultaneous PVC cutting and chamfering

• Provide saw cutting& swarfless cutting options

• PLC synchronization control



切割机参数 Techincal Data Of cutting unit

型号 TYPE	DKM-EFK32	DKM-EJX635	DKM-EJX63	DKM-EJX160	DKM-EJX250	DKM-EJX315	DKM-EJX450	DKM-EJX630	DKM-EJX800	DKM-EJX1200	DKM-EJX1600	DKM-EJX2000
最大管径 Max Pipe Diameter	φ32	2*φ63	φ75	φ160	φ250	φ315	φ450	φ630	φ800	φ1200	φ1600	φ2000
最小管径 Min Pipe Diameter	φ10	2*φ10	φ10	φ20	φ50	φ75	φ90	φ200	φ280	φ500	φ710	1200
切割功率 Cutting Power	2.2	2*0.4	0.4	1.5	1.5	2.2	3	3	3	3	4	4
最大切割速度(▲) Max. Cutting Speed	150	2*30	30	20	10	8	5	5	2.5	1	0.5	0.5
切割厚度(无屑、锯切) Cutting Thickness(Swarfless/Saw)	6	15/20	15/20	30/40	30/50	35/60	45/70	65/80	70/100	70/100	70/120	70/120

PO管模头/单螺杆挤出机的应用

Application

PE-HD DIN 8074 PP DIN 8077 PE-LD DIN 8072

直径Diameter/壁厚Thickness (标准尺寸比率SDR)	管径 Pipe dia. SDR	10	12	16	20	25	32	40	50	63	75	90	110	125	140	160	180	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000	1200	1400	1600										
	5	2.0	2.4	3.3	4.1	5.1	6.5	8.1	10.1	12.7	15.1	18.1	22.1	25.1	28.1	32.1	36.1	40.1	45.1	50.1	56.2	63.2	—	—	—	—	—	—	—	—	—	—	—	—	—										
	6	1.8	2.0	2.7	3.4	4.2	5.4	6.7	8.3	10.5	12.5	15.0	18.3	20.8	23.3	26.6	29.9	33.2	37.4	41.6	46.5	52.3	59.0	66.5	—	—	—	—	—	—	—	—	—	—	—										
	7.4	—	1.8	2.2	2.8	3.5	4.4	5.5	6.9	8.6	10.3	12.3	15.1	17.1	19.2	21.9	24.6	27.4	30.8	34.2	38.3	43.1	48.5	54.7	61.5	68.3	—	—	—	—	—	—	—	—											
	9	—	—	1.8	2.3	2.8	3.6	4.5	5.6	7.1	8.4	10.1	12.3	14.0	15.7	17.9	20.1	22.4	25.2	27.9	31.3	35.2	39.7	44.7	50.3	55.8	62.5	—	—	—	—	—	—	—	—										
	11	—	—	—	1.9	2.3	2.9	3.7	4.6	5.8	6.8	8.2	10.0	11.4	12.7	14.6	16.4	18.2	20.5	22.7	25.4	28.6	32.2	36.3	40.9	45.4	50.8	57.2	—	—	—	—	—	—	—										
	13.6	—	—	—	1.8	1.9	2.4	3.0	3.7	4.7	5.6	6.7	8.1	9.2	10.3	11.8	13.3	14.7	16.6	18.4	20.6	23.2	26.1	29.4	33.1	36.8	41.2	46.3	52.2	58.8	—	—	—	—	—										
	17	—	—	—	—	1.8	1.9	2.4	3.0	3.8	4.5	5.4	6.6	7.4	8.3	9.5	10.7	11.9	13.4	14.8	16.6	18.7	21.1	23.7	26.7	29.7	33.2	37.4	42.1	47.4	52.9	58.8	70.6	—	—										
	17.6	—	—	—	—	—	1.8	2.3	2.9	3.6	4.3	5.1	6.3	7.1	8.0	9.1	10.2	11.4	12.8	14.2	15.9	17.9	20.1	22.7	25.5	28.4	31.7	35.7	40.2	45.3	51.1	56.8	68.2	—	—										
	21	—	—	—	—	—	—	1.9	2.4	3.0	3.6	4.3	5.3	6.0	6.7	7.7	8.6	9.6	10.8	11.9	13.4	15.0	16.9	19.1	21.5	23.9	26.7	30.0	33.9	38.1	42.9	47.6	57.1	66.7	76.2										
	22	—	—	—	—	—	—	1.9	2.3	2.9	3.5	4.1	5.0	5.7	6.4	7.3	8.2	9.1	10.3	11.4	12.8	14.4	16.2	18.2	20.5	22.8	25.5	28.7	32.3	36.4	40.9	45.5	54.5	63.6	72.7										
	26	—	—	—	—	—	—	1.8	2.0	2.5	2.9	3.5	4.2	4.8	5.4	6.2	6.9	7.7	8.6	9.6	10.7	12.1	13.6	15.3	17.2	19.1	21.4	24.1	27.2	30.6	34.6	38.5	46.2	53.8	61.5										
	33	—	—	—	—	—	—	—	1.8	2.0	2.3	2.8	3.4	3.9	4.3	4.9	5.5	6.2	6.9	7.7	8.6	9.7	10.9	12.3	13.8	15.3	17.2	19.3	21.8	24.5	27.3	30.3	36.4	42.4	48.5										
	41	—	—	—	—	—	—	—	—	1.8	1.9	2.2	2.7	3.1	3.5	4.0	4.4	4.9	5.5	6.2	6.9	7.7	8.7	9.8	11.0	12.3	13.7	15.4	17.4	19.6	22.0	24.4	29.3	34.1	39.0										
	51	—	—	—	—	—	—	—	—	—	1.8	1.8	2.2	2.5	2.8	3.2	3.6	3.9	4.4	4.9	5.5	6.2	7.0	7.9	8.8	9.8	11.0	12.3	13.9	15.7	17.6	19.6	23.5	27.5	31.4										
螺杆直径 Screw dia.																																													
φ60		300kg/h (max.)																管径 (Pipe dia.) 10-63mm																											
φ70		400kg/h (max.)																										管径 (Pipe dia.) 20-125mm																	
φ75		500kg/h (max.)																										管径 (Pipe dia.) 50-250mm																	
φ90		管径 (Pipe dia.) 160-450mm																800kg/h (max.)																											
φ120		管径 (Pipe dia.) 200-630mm																		1100kg/h (max.)																									
φ120		管径 (Pipe dia.) 280-800mm																		1100kg/h (max.)																									
φ150		管径 (Pipe dia.) 500-1200mm																		1250kg/h (max.)																									
φ150		管径 (Pipe dia.) 710-1600mm																		1400kg/h (max.)																									

*如有参数变更，恕不另行通知。We reserve the right to change any design and specification without notice.



公司简介 Company profile

中国高端橡塑机械行业领导者 Leading rubber and plastic machinery manufacturer of China

全球知名的橡塑科技方案供应商

在全球，德科摩为顾客提供整套橡胶技术及挤出技术的交钥匙方案。多年来始终专注于橡胶注射成型机、管材挤出生产线、油压机的研发、生产、销售。产品广泛应用于汽车零部件、建筑材料、能源输送、电子通讯等领域。以卓越超前的技术及专业快速的服务，本着为客户创造最大价值的使命，并矢志成为世界橡塑设备方案的领先品牌。

秉承德国技术标准，产品精益求精

德科摩产品始终秉承德国技术标准，核心部件均由德国工程师主导设计，且所有原材料的选用及加工流程都严格遵循德国标准，从而使德科摩的产品均具有极高的可靠性及稳定性。经过多年的发展和经验的不断积累，德科摩持续深挖行业专用市场，为客户提供行业定制专用设备。产品的技术、质量与服务均明显领先于国内同行，成为替代进口品牌的品质之选。

Globally renowned rubber and plastics technology solution supplier

Globally, Dekuma offers customers a complete turnkey solution for rubber injection moulding technology and extrusion technology. For many years, we have been focusing on the development, production and sales of rubber injection moulding machines, pipe extrusion lines and hydraulic presses. Products have been widely used in automotive parts, building materials, energy transportation, telecommunications and other fields. With excellent advanced technology and professional and fast service, we are committed to creating the greatest value for our customers, and we are determined to become the leading brand of rubber and plastic equipment solutions in the world.

Adhering to german technical standards, constantly perfecting products

Dekuma products always adhere to the German technical standards, the core components are designed by German engineers, and all raw materials are selected and processed in strict accordance with German standards, so that Dekuma products have high reliability and stability. After years of development and continuous accumulation of experience, Dekuma continues to dig deeply into the industry-specific market to provide customers with customized equipment for the industry. The technology, quality and service of the products are clearly ahead of the Chinese counterparts and become the quality choice for replacing those world famous brands.



产品及服务遍及全球、享誉全球

目前，德科摩已有完善的能满足不同客户需求的各类专家团队，数十项国家专利，并承担多项政府研发公关项目，自2013年起被评为国家高新技术企业。超大型化、高精密、高效、智能化、自动化、专用化是公司各类产品的主要特点及业务发展方向。公司长期与多家国际知名橡塑设备供应商保持良好的合作关系，产品遍布欧美、拉美、中东、东南亚等数十个国家，广泛应用于汽车零部件、建筑材料、能源输送、电子通讯等不同领域，并助力各个行业技术革新及生产工艺的快速发展。我们将紧跟行业趋势与市场变化而不断自我创新，持续为国内外客户提供智能化、自动化、专业化程度更高的整体解决方案，将DKM打造成为值得信赖的世界一流品牌。

Products and services are spreaded and renowned worldwide

At present, Dekuma has a comprehensive team of experts who can meet the needs of different customers, dozens of national patents, and undertake a number of government R&D public relations projects. Since 2013, it has been rated as a national high-tech enterprise. Ultra-large size, high precision, high efficiency, intelligence, automation and specialization are the main features of the company's various products and business development direction. The company has long maintained good cooperative relations with many internationally renowned rubber and plastic equipment suppliers. Its products are distributed in dozens of countries in Europe, America, Latin America, Middle East and Southeast Asia. It is widely used in auto parts, building materials, energy transportation, telecommunications, etc. The field and the rapid development of technological innovation and production processes in various industries. We will continue to innovate in keeping with industry trends and market changes, and continue to provide intelligent, automated and professional solutions to domestic and international customers, and build DKM into a world-class brand that can be trusted.

