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益阳橡胶塑料机械集团有限公司
Yiyang Rubber & Plastics Machinery Group Co., Ltd.

| 科 | 学 | 至 | 上 |

双螺杆挤出压片机

Twin-Screw Roller Head Extruder

双螺杆挤出压片机是满足现代橡胶工业大规模生产所需重要设备，特别是对全钢子午线轮胎胶料加工具有极大的优越性。是供密炼机作为下辅机挤出压片机配套使用的关键性设备。

主要特点：

- 1、两根螺杆螺纹结构均为单头、变距、变深收敛式、呈圆锥型推进。两根螺杆相向旋转，整体啮合，安装均带一定夹角，使胶料流动更为顺畅，螺杆挤压、输送胶料的能力大大地增强。
- 2、机筒进料开口大，底部呈下波式结构，机筒壁上设有夹道式冷却水道，散热效果好，使胶料流动顺畅、不起拱、不焦烧、不粘结，机筒内无残留胶料。
- 3、螺杆表面和机筒内表面均镀上一层厚的耐磨硬铬，耐磨耐腐蚀，大大地增长了机器使用寿命。
- 4、机器设有超声波料位计和压力传感器存胶控制系统，可直接检控螺杆和辊筒的速度，并达到相互匹配，使压延胶片连续不断片，而且更加密实、整齐、光滑。
- 5、整机设计结构紧凑、合理、安装使用、维护保养都极为方便。

Twin-screw Roller Head Extruder is the key equipment to meet the requirements of modern large-scale rubber industry. It has great advantage especially in processing rubber compounds of full-steel radial tire. It is the down stream machine of mixer.

Main Features:

1. Single head, variable-pitch and variable-depth and convergence, propelling screws conically. The two screws rotate with opposite direction, and integral mesh. Because two screws are installed with a certain angle, rubber compounds can flow smoothly. The capability of extrusion & transportation are expanded.

2. The feed hopper of barrel is with big opening and the bottom of barrel is with design of downhill structure. The barrel-wall designed with cooling water channel of sandwich ways, good heat-sinking effect, stocks flow more easily, no arching stocks, no over-burning or adhesion, without remained compounds in the barrel.

3. Inner surfaces of screw and barrel are coated with hard chrome. It's of good corrosion and abrasion resistance as well as long service life.

4. The level of rubber compounds is detected by ultrasonic transmitter and pressure transducer. The speeds of screws and calendars are also indicated by these instruments directly and matched each other well. So as to keep the rubber sheet in a continuous status and good seal, tidy and smoothly surface.

5. It's with Compact & reasonable structure and easy installation, operation and maintenance.



XJY-ZS 936/416双锥双螺杆挤出压片机
XJY-ZS 936/416 Twin screw roller die



XJY-ZS 936/416锥齿单挂式双锥双螺杆挤出压片机
XJY-ZS 936/416 Twin screw roller die with umbrella gear synchronization