

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。

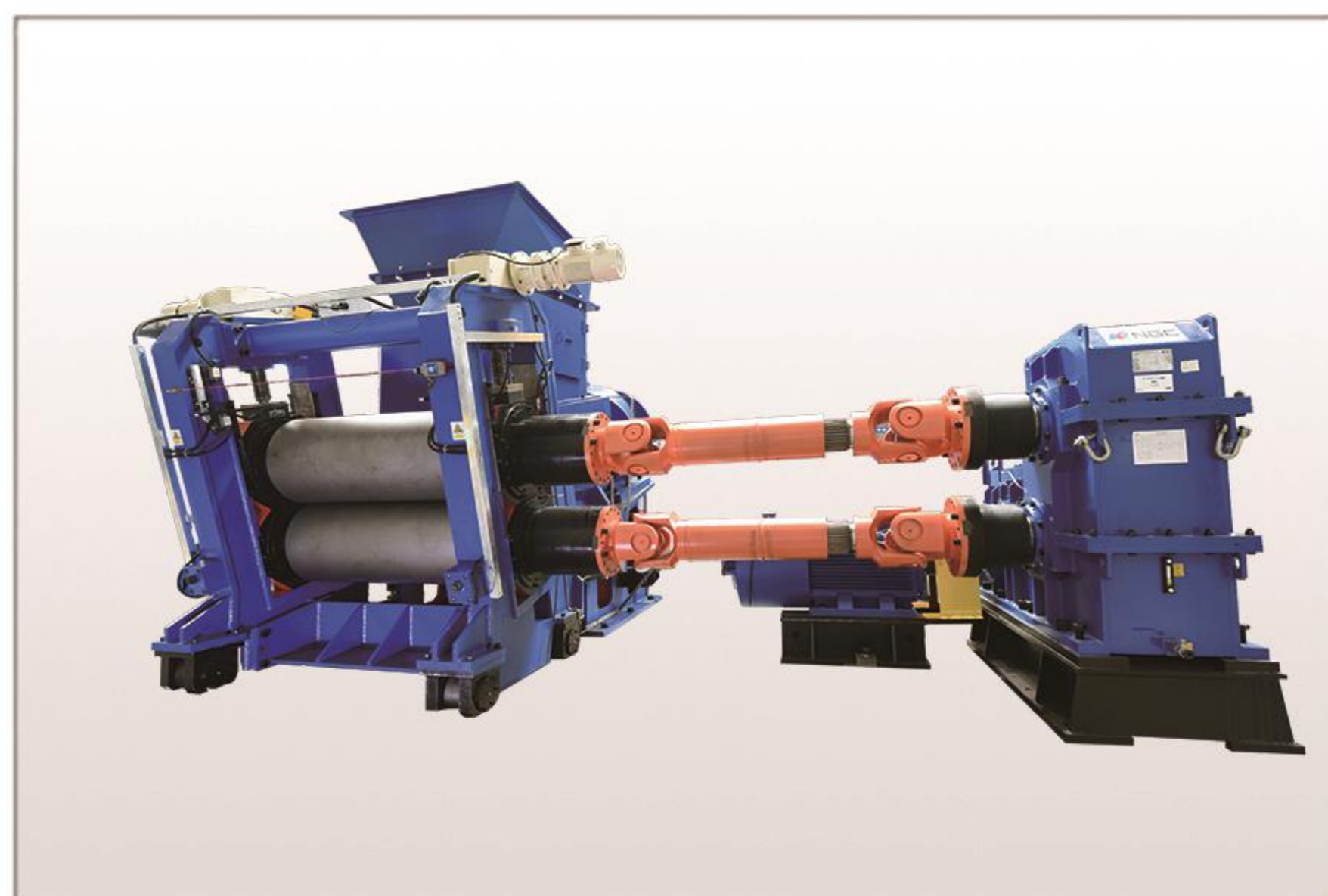
主要特点：

- 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。

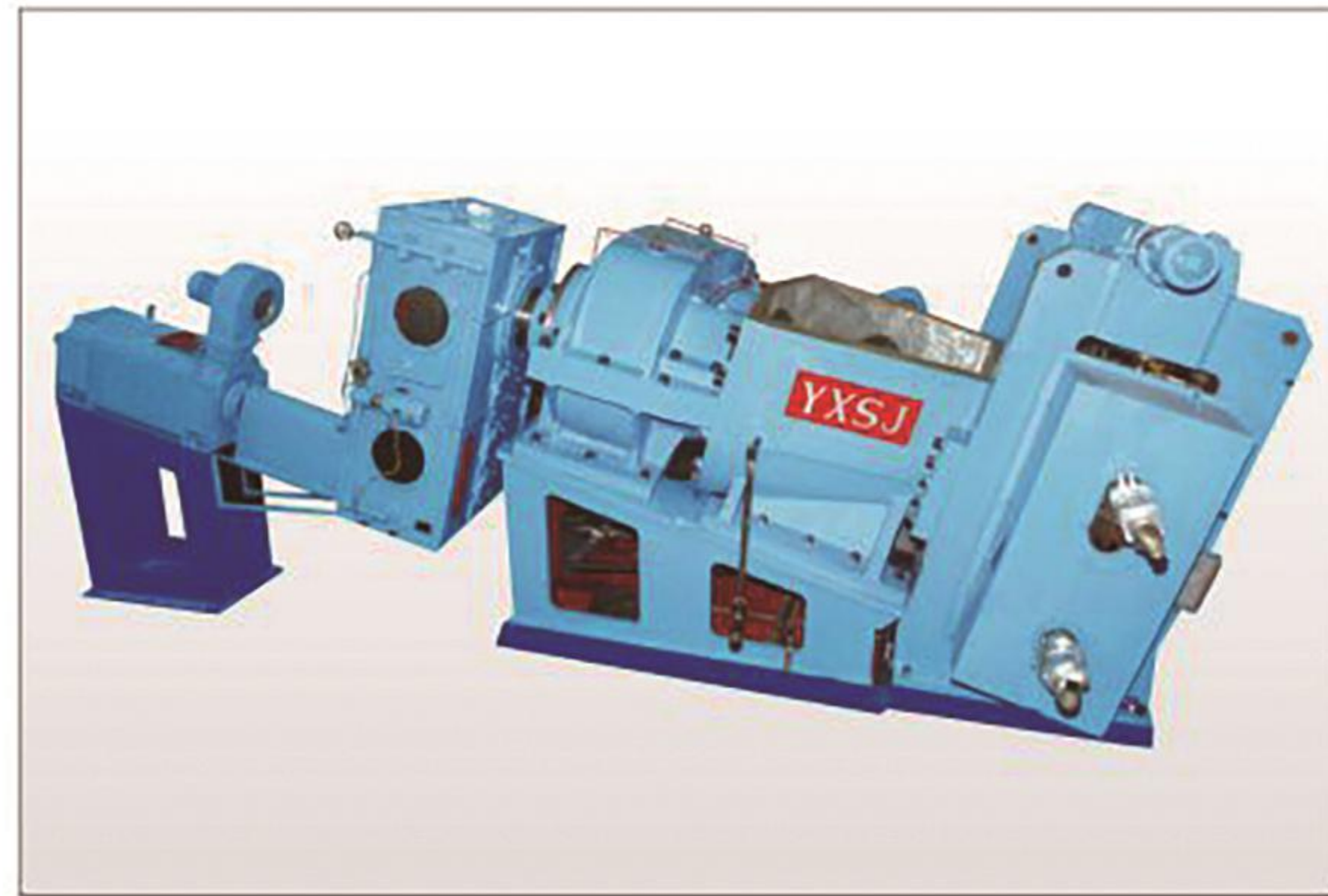
Twin-screw Roller Head Extruder is the key equipment to meet the requirements of modern large-scale rubber industry. It has great advantage especially in processing rubber compounds of full-steel radial tire. It is the down stream machine of mixer.

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

双螺杆挤出压片机主要性能参数 Main technical specification of Twin-Screw Roller Head Extruder

规格型号 model		XJY-ZS 482/200	XJY-ZS 602/250	XJY-ZS 743/300	XJY-ZS 936/416	XJY-ZS 1100/500	XJY-ZS 1290/600
参数	前端 Front part	200	250	300	416	500	600
	后端 Rear part	482	602	743	936	1100	1290
螺杆转速 (r/min) Screw speed		2.2~22	2.2~22	2.2~22	2.2~22	2.5~25 3.2~32	2.5~25 3.2~32
螺杆驱动电机功率 (kW) Power of screw motor (DC 或 AC 变频调速) DC.or AC. variable frequency regulation		75~90	75~90 90~110	110~132	180~220 220~250 250~280	250~315 315~355	355~400 400~450
调距装置 Distance adjusting device		双/单电机调距; 液压调距 Double / single motor pitch adjustment; Hydraulic distance adjustment					
压延辊筒直径 (mm) Calender roll dia.		Φ360	Φ400	Φ400	Φ500 Φ600	Φ600	Φ660
辊筒工作长度 (mm) Working length of roll		700	900	1000	1100 1200	1400	1400
辊筒驱动电机功率 (kW) Motor power of roll (DC 或 AC 变频调速) DC.or AC. variable frequency regulation		75~90	75~90 90~110	110~132 132~160	180~220 220~250 250~280	250~315 315~355	355~400 400~450
压延辊筒线速度 (m/min) Linear speed of calender roll		2.8~28	3.14~31.4	3.14~31.4	3.9~39 4.71~47.1	4.71~47.1	5.1~51
压出胶片宽度 mm Sheet width		450~500	550~600	600~650	750~800	1200~1250	1200~1250
配套密炼机型号规格 Mixer model to be matched		GN110 GK90E F120	GK190E GK160N F180 GE135	GN300 GK270N GK250E GN255	GK400N GN300 GE420 GN430 GE580	GK520E GK550E GE580	GK650N F620