



JWELL[®]
Professional Extrusion



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CAST FILM LINE

FOR
CPP/CPE/BARRIER FILM

流延膜生产线



No.2023.04.CF

金纬机械
JWELL MACHINERY



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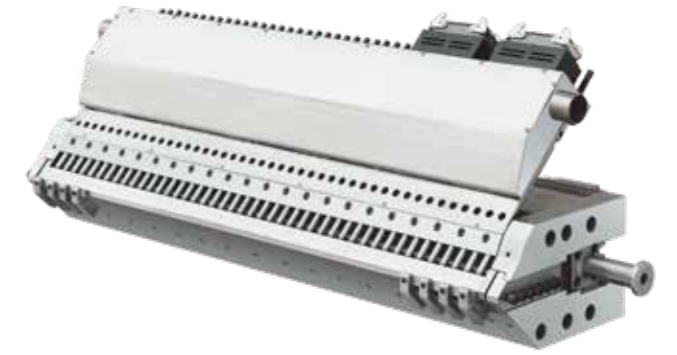
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- 独特的T型模头，经过优化设计及流体仿真，确保出料均匀；
Special T-Die, better uniform flow with optimized design & simulation;
- 我们有几十年的螺杆结构设计经验，确保高产、高效；
We have decades of experience in extrusion screw design;
- 我们有高端的加工设备，确保核心零部件的加工精度；
We have high-end CNC to ensure the precision of the core parts;
- 我们有成熟的设计团队，确保生产线更加智能、更加高效、更加稳定。
We have a mature design team to make the Cast film line smarter, more efficient and more stable.

- 全自动调节模头，可实现在线闭环控制；
Automatic adjustment of die head can realize on-line closed loop control;
- 薄壁高效冷却成型辊，特殊螺旋流道设计，保证高速生产时薄膜定型效果的一致；
Thin wall and high efficient cooling roller, special spiral flow design, to ensure the high speed production film shaping effect;
- 配套负压双腔真空箱和静电电压边装置，保证薄膜熔膜稳定；
Equipped with negative pressure double chamber vacuum box and static edge locking device to ensure the stability of film fusion;
- 高稳定性电晕处理装置，故障率低，可根据需要转换走向，处理薄膜的正反面。
High stability corona treatment device, low failure rate, according to the need to change direction, treatment of both sides of film.



CPP流延膜机组 | CPP Cast Film Extrusion Line

制品用途 | Applications of product

- CPP薄膜经过印刷、制袋，可作为服装、针织品和花卉的包装袋；
CPP film after printing, bag making, can be used as clothing, knitwear and flower packaging bags;
- 可用于食品外包装，糖果外包装，药品包装等。
Can be used for food packaging, candy packaging, medicine packaging.

生产线规格型号 | Production Line Specification

| 机型 Model | 口模宽度 Width of die mm | 制品宽度 Products width mm | 制品厚度 Products thickness mm | 机械运行速度 Max line speed m/min | 最大产量 Max capacity kg/h |
|-------------|----------------------------|------------------------------|----------------------------------|-----------------------------------|------------------------------|
| JCF-3000PP | 3000 | 2700 | 0.02-0.12 | 250 | 800 |
| JCF-3500PP | 3500 | 3200 | 0.02-0.12 | 250 | 1000 |
| JCF-4500PP | 4500 | 4200 | 0.02-0.12 | 250 | 1400 |
| JCF-5500PP | 5500 | 5200 | 0.02-0.12 | 250 | 1600 |

CPE流延膜机组 | CPE Cast Film Extrusion Line

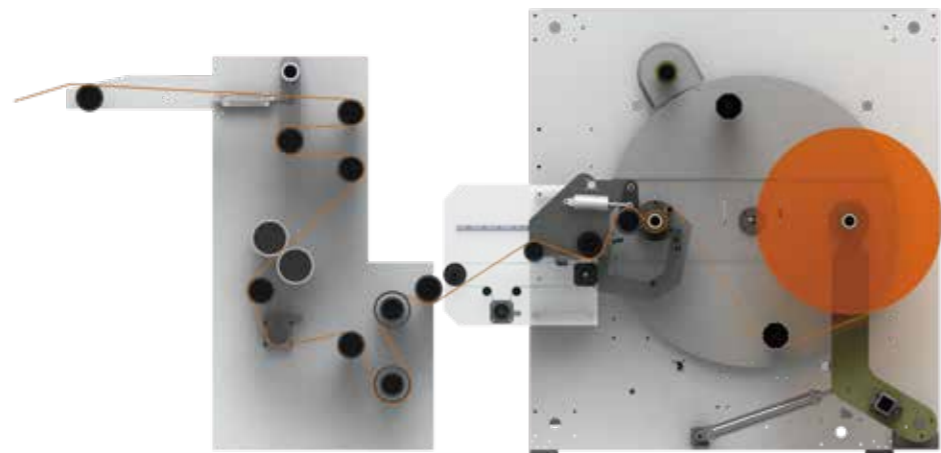
制品用途 | Applications of product

- CPE复合基材膜：可与BOPA、BOPET、BOPP等产品复合-热封-制袋，应用于食品、服装等领域；
CPE film laminated base material: It can be laminate with BOPA, BOPET, BOPP etc. heat sealing and bag making, used in food, clothing, and other fields;
- CPE单层印刷膜：经热印-热封-制袋，应用于卷纸提袋包装、纸巾独立包装等；
CPE single-layer printing film: Printing - heat sealing - bag making, used for roll paper bag ,independent packaging for paper towels etc.;
- CPE镀铝膜：广泛用于软包装、复合包装，装潢、激光全息防伪、激光压印镭射等。
CPE aluminum film: widely used in soft packaging, composite packaging, decoration, laser holographic anti-counterfeiting, laser embossing laser and so on.

生产线规格型号 | Production Line Specification

| 机型 Model | 口模宽度 Width of die mm | 制品宽度 Products width mm | 制品厚度 Products thickness mm | 机械运行速度 Max line speed m/min | 最大产量 Max capacity kg/h |
|-------------|----------------------------|------------------------------|----------------------------------|-----------------------------------|------------------------------|
| JCF-2500PE | 2500 | 2200 | 0.02-0.15 | 250 | 600 |
| JCF-3000PE | 3000 | 2700 | 0.02-0.15 | 200 | 750 |
| JCF-3500PE | 3500 | 3200 | 0.02-0.15 | 200 | 900 |

- 多种放射性测量探头可供选择，如果需要，我们还可以将厚度检测系统与自动模头集成在一起；
A variety of radiometric probes are available, and if required, we can integrate a thickness measuring system with an automatic die head;
- 生产过程中所产生的边料可实现在线回收利用，通过多组分下料装置，将粉碎后的回收料输送至挤出机；
The edge material produced in the production process can be recycled online, and the edge material after crushing is transported to the extruder through the multi-component feeding device;
- 我们能提供全自动收卷、卸卷，可大大降低人工成本。
We can provide automatic winding and unwinding machine, which can greatly reduce the labor cost.



- 金纬公司的全自动收卷机，可实现高收卷质量，大多数情况下，您可以直接对卷材进行后续加工，而无需复卷；
JWELL automatic winding machine can achieve high winding quality. In most cases, you can directly process the coil without rewinding;
- 经过不断优化，金纬公司的收卷机已经可以将收卷直径提高至1200mm。
JWELL winding machine is optimized to match the diameter of the winder up to 1,200 mm.

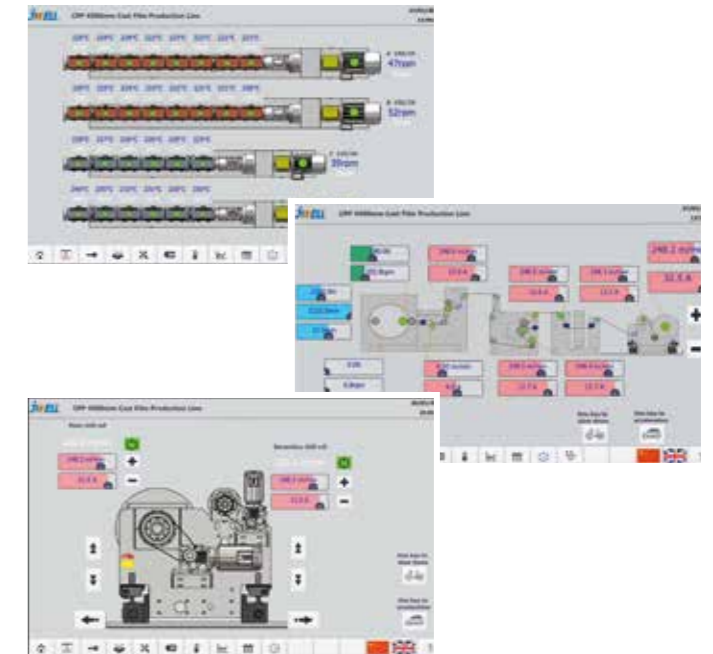


金纬机械具备生产最高9层高阻隔流延膜生产线的的能力；
该设备适应性强，可针对不同牌号的PE、PP、PA、EVOH原料进行优化适应。

JWELL has the ability to produce up to 9 layers of cast film extrusion line; The equipment has strong adaptability, can be optimized for different grades of PE, PP, PA, EVOH raw materials.

金纬机械 JWELL-JCF 控制系统

- 检测、控制和调节
Detection, control and regulation
- 挤出机和模头的温度、压力监测
Temperature and pressure detection of extruder and die head
- 牵引、收卷速度控制及监测
Control and monitor the traction and winding speed
- 同步提速、降速及整线联动
Synchronous acceleration, deceleration and linkage of the whole line
- 产量控制及显示
Extrusion output control and display
- 故障提示及警告
Fault hints and warnings



高阻隔流延膜机组 | High Barrier Cast Film Extrusion Line

生产线规格型号 | Production Line Specification

| 机型 Model | 口模宽度 Width of die mm | 制品宽度 Products width mm | 制品厚度 Products thickness mm | 机械运行速度 Max line speed m/min | 最大产量 Max capacity kg/h |
|-------------|----------------------------|------------------------------|----------------------------------|-----------------------------------|------------------------------|
| JCF-2500ZG | 2500 | 2200 | 0.03-0.25 | 150 | 600 |
| JCF-3000ZG | 3000 | 2700 | 0.03-0.25 | 150 | 700 |