

基于单双螺杆的双阶机一步法回收改性造粒
One-step compounder for plastic recycling based on single screw & twin screw two-stage system

主要技术参数 Main technical parameter

单螺杆/双螺杆	长径比	转速/rpm	参考产量/ kg/hr
Single screw / twin screw	L/D ratio	Speed / rpm	Capacity for reference/ kg/hr
SE180/CJWH-75	24-30/40-48	6-60/600-800	500-600
SE200/CJWH-95	24-30/40-48	6-60/600-800	1000-1200
SE250/CJWH-135	24-30/40-48	6-60/600-800	3000-4000



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地址：江苏省常州市溧阳中关村开发区上上路118号
Add: No.118,shangshang Road,Liyang,Changzhou city,China
Whatsapp/Wechat/Mobile: +86-178 2010 6288
E-mail: salg@jwell.cn
www.jwellextruder.cn

常州金纬智能化工装备有限公司
CHANGZHOU JWELL INTELLIGENT CHEMICAL EQUIPMENT CO.,LTD.

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下游辅机 Downstream Auxiliary Equipments

丰富合理的下游辅机设计有效对成品进行均化、筛分、干燥和冷却，并最终打包入袋，一气呵成，自动并紧凑。
Various kinds of downstream equipments realize homogenization, sieving, drying & cooling , automatic packing smoothly.

计量系统 Dosing System

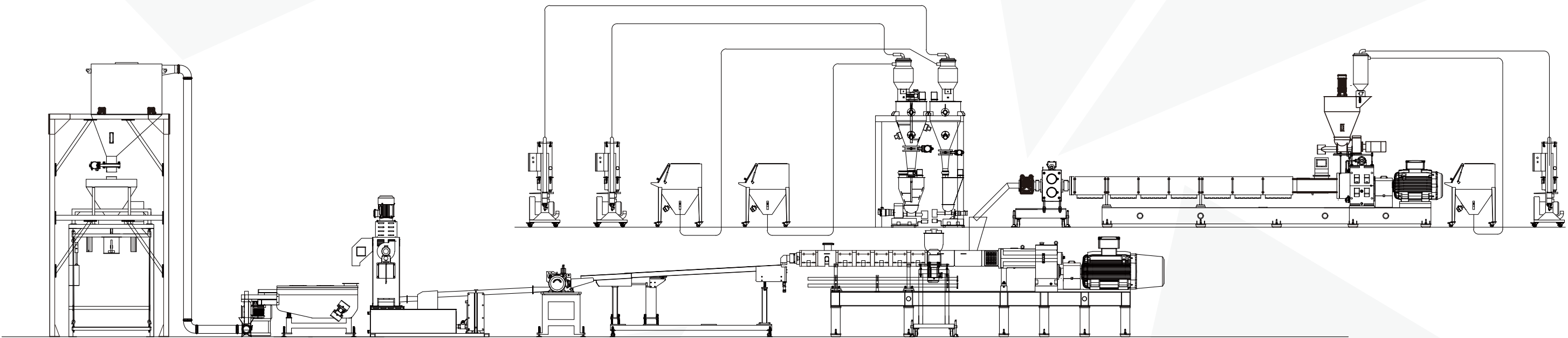
原料(粉体、玻纤、助剂)通过独立计量系统精确计量后加入双螺杆挤出机，自动化程度高，配方调整弹性强，可实现连续化生产，提高生产效率。
Raw material (powder/glass fiber/additive) are fed into twin screw extruder via accurate LIW feeders separately with high automation and flexibility to adjust formula-tion, which can realize continuous production and improve production efficiency.

熔体泵 Melt Pump

熔体泵主要用于塑化后熔体的输送、稳压和计量。
The melt pump used for conveying, stabilization and metering the melt after plasticization.

不停机换网器 Non-stop screen changer

换网器主要用来过滤熔体中的杂质部分，提高产品质量；不停机换网，可以节省物料，实现连续生产，提高生产效率。
The screen changer is mainly used to filter the impurity part in the melt and improve the product quality; Non-stop screen changer can save materials, realize continuous production and improve production efficiency.



水下拉条切粒系统 Underwater Strand Cutting System

水下拉条切粒系统适用于需要频繁更换过滤网的塑料回收造粒。料条通过水流自动进入切粒机，无需人工拉条，自动化程度高，更少的占地空间及冷却水需求，就算换网过程中出现断条现象也不会导致停机，仍能实现连续生产。
The underwater strand cutting system is suitable for plastic recycling and pelletizing that requires frequent replacement of filter screens. The strands automatically enter the granulator through the water flow, without manual stripping, highly automatic, less floor space and cooling water requirements, even if the strands are broken during the screen change process, it will not cause the machine to stop working, keeping continuous production.

单螺杆挤出机 Single Screw Extruder

PP PE PC PET ABS等基材通过体积式喂料机进入单螺杆挤出机中，完成物料的熔融、塑化、建压，然后经由换网器、熔体泵挤出进入双螺杆主机。
PP, PE, PC, PET, ABS and other base materials enter the single-screw extruder through the volumetric feeder, complete the melting, plasticization and pressure building of the material, and then enter into the twin-screw extruder through the screen changer and melt pump.