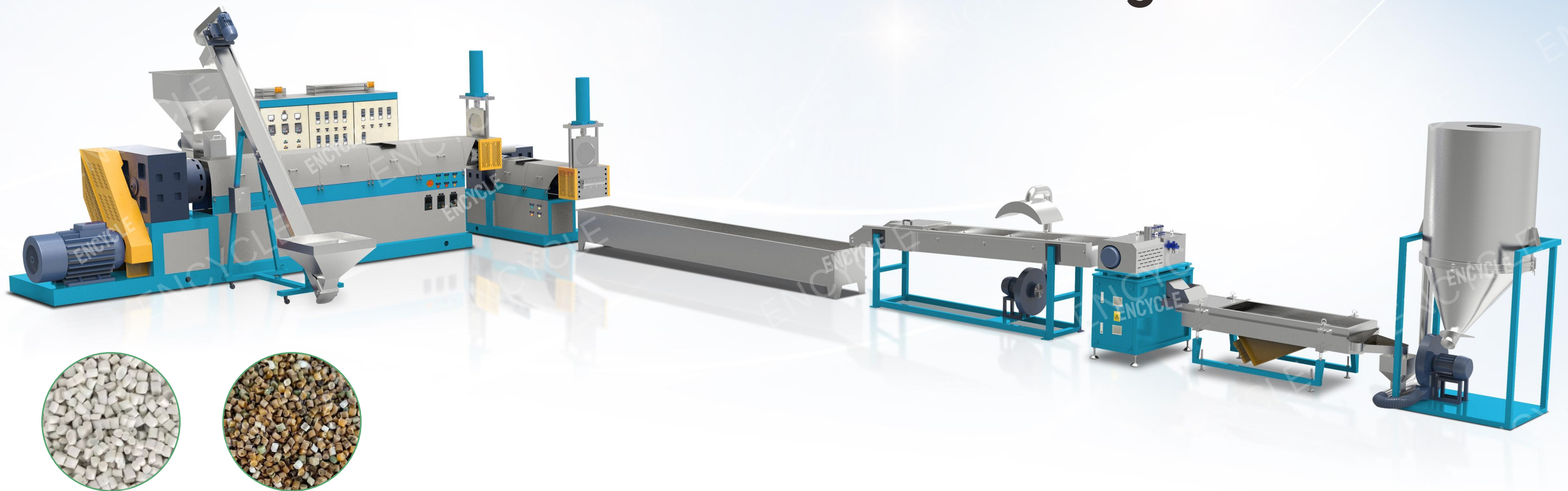


ENCYCLE

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Plastic Pelletizing Granulation Line

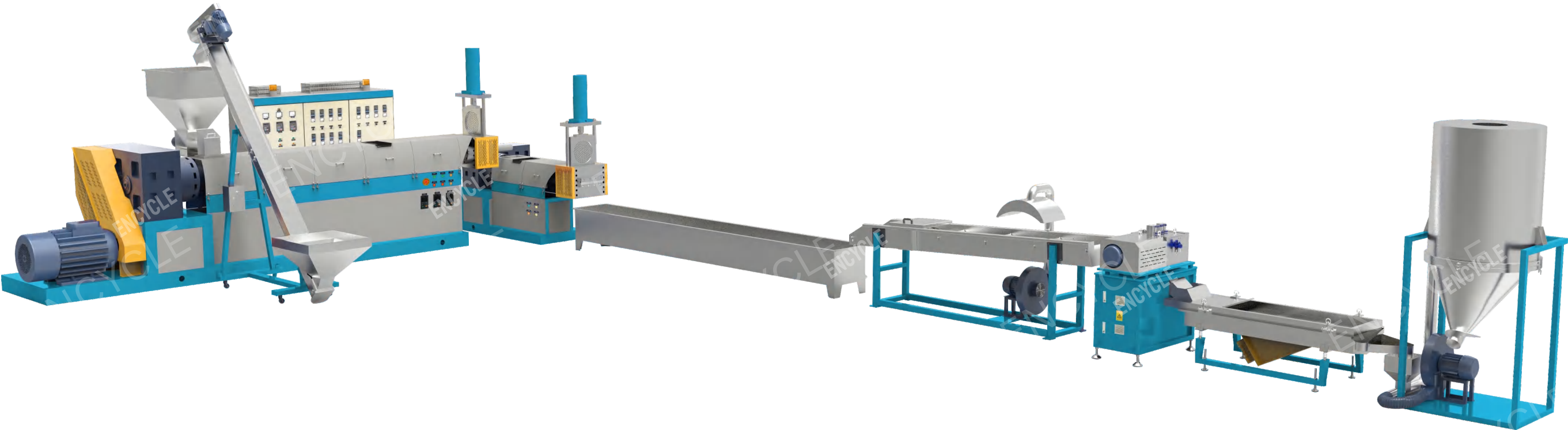


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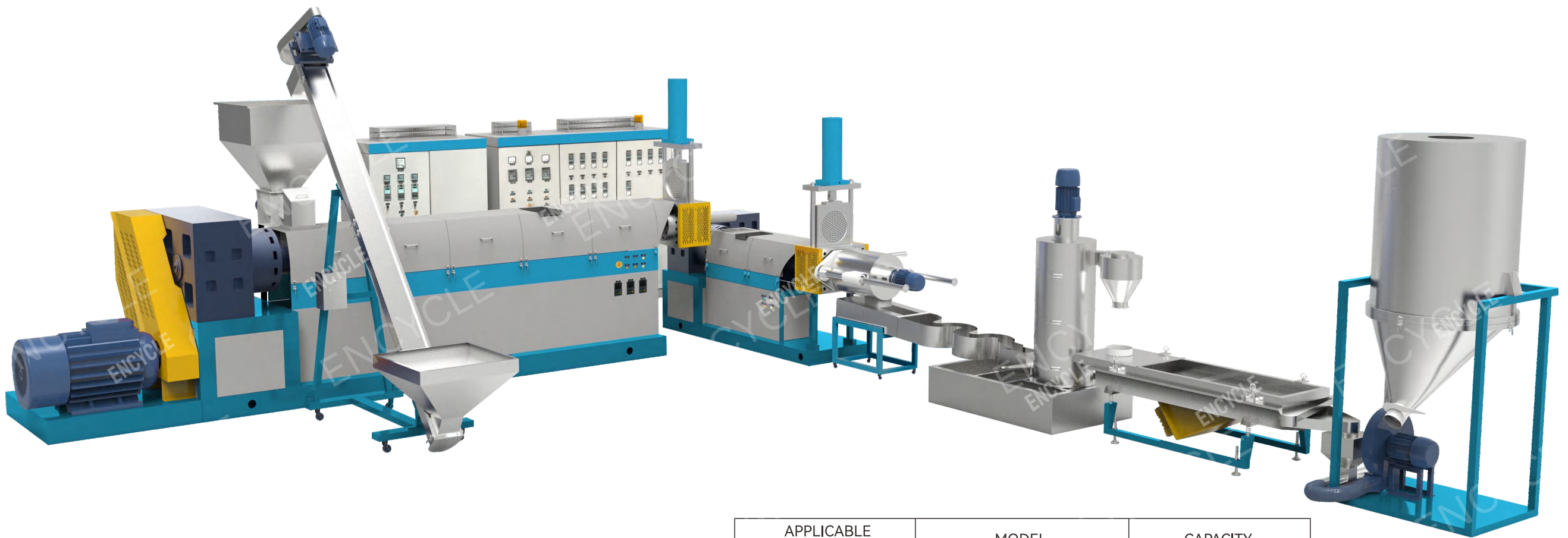
ABS PS Plastic Pelletizing Granulating Line



APPLICABLE RAW MATERIAL	MODEL	CAPACITY
ABS/PS/PP hard flakes	TLSJ-140(2800)-140PA	250-350kg/h
	TLSJ-140(3800)-140PB	300-400kg/h
	TLSJ-150(4200)-140P	400-500kg/h
	TLSJ-160(4600)-160P	500-600kg/h
	TLSJ-180(5200)-180P	700-850kg/h
	TLSJ-200(5600)-200P	850-1050kg/h

Double -stage vent style recycling making granular plastic extruder line,mainly build up by two set vent style plastic extruders.Our company produce the extruders that the screws are designed to the various natures of the different material are suitable in recycling making granule, Screws and barrels experience special treatments to become harder, so it endures the wear and tear better with a higher output. The two stage extruders are designed the equipment of vented port and screen changing quickly. Both vented hole and common one can drive the water in the material out and the impurity of plastic is filtrated by screen in the processing course so as to ensure products in good quality. The exhaust type plastic granules extruders manufactured by our Factory are suitable for recycling plastic granules extruding at LDPE, HDPE, PP, PS, PC, and ABS. Some types of our machines have been designed in reference to foreign know-how and according to our national practice that they have been adopted by massive customers.

HDPE LDPE LLDPE Film Plastic Pelletizing Granulating Line



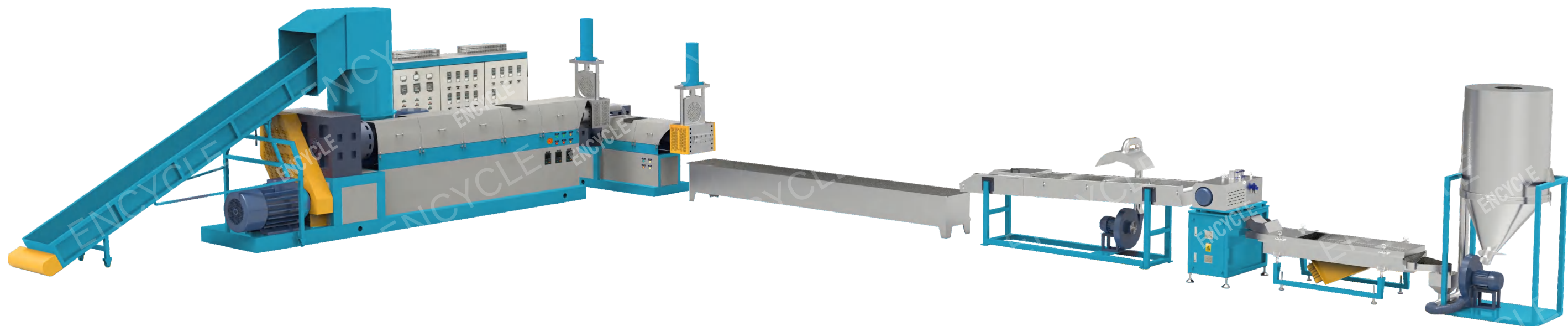
APPLICABLE RAW MATERIAL	MODEL	CAPACITY
HDPE hard flakes	TLSJ-140(2800)-140GA	250-300kg/h
	TLSJ-140(3800)-140GB	300-400kg/h
	TLSJ-150(4200)-140G	400-500kg/h
	TLSJ-160(4600)-160G	500-650kg/h
	TLSJ-180(5200)-180G	700-850kg/h
	TLSJ-200(5600)-200G	850-1000kg/h

Horizontal type water ring granulating and palletizing line is mainly for recycling LDPE HDPE.The line mainly with double stage vent style palleting unit,water ring die face cutting system,vertical dewatering devcie,vibrator,and storage hopper.

Characteristics of the Horizontal type water-ring Palletizing Extrusion Line:

- 1.Due to plastic material were scraped by the blades at melting state,the solidifying by water cooling immediately, so it is suitable for different melt viscosity of the polymer pelletizing, and no generating any dust, grain regular shape, packing and transportation more convenient;
- 2.To change the pelletized size adjusting the extrusion die volume and cutting speed automatically,or changing the number of blades according to the extrusion output;
- 3.direct underwater cutter integrated palletizing with cooling, eliminating the 4~6l length of water cooling tank, greatly reducing the land area of the machine.
- 4.Direct underwater cutter makes the plastic melt palletizing and cooling directly, palletizing process will be able to implement autoimmunization, convenient operation, lower noise, grains are good quality.

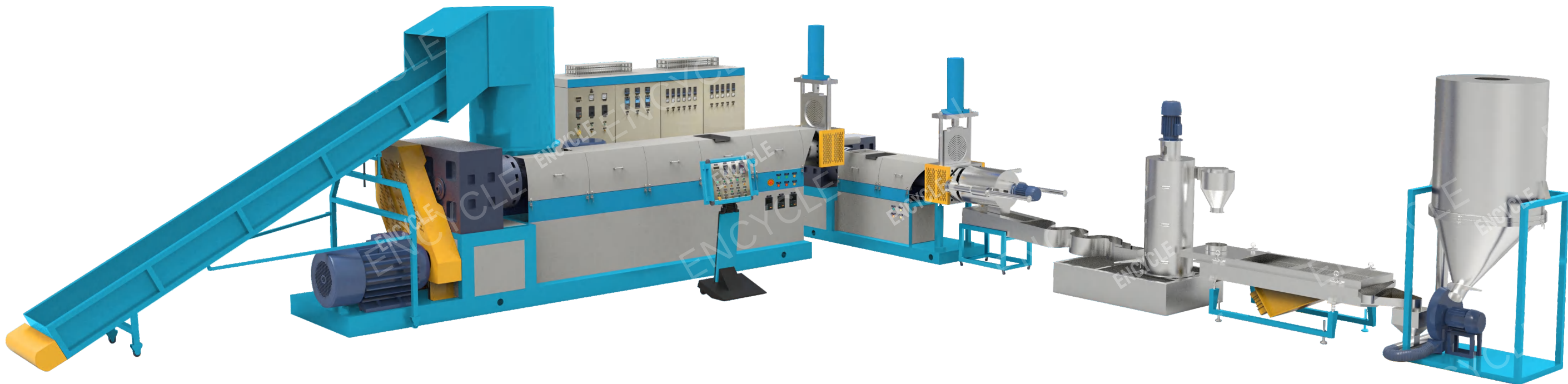
PP PE Plastic Pelletizing Granulating Line



APPLICABLE RAW MATERIAL	MODEL	CAPACITY
PP/PE dry film	TLSJ-140(2800)-140P	250-350kg/h
	TLSJ-140(3800)-140P	350-500kg/h
	TLSJ-160(4200)-160P	500-700kg/h
	TLSJ-180(5200)-180P	700-900kg/h

PP PE Plastic Pelletizing Granulating Line is the new designed by ENCYCLE company,for recycling LDPE/HDPE waste film.The line with conveying,crushing,granulating functions,so that leave out the labor force for material transport and during film crushing would makes hot granule,which good for press and plasticizing.The line with characteristics of high output,energy saving,labor force saving,and high quality pellets,is an ideal equipment foe waste film recycling granulating line.

PP PE Plastic Pelletizing Granulating Line



APPLICABLE RAW MATERIAL	MODEL	CAPACITY
PE dry film	TLSJ-140(2800)-140P	250-350kg/h
	TLSJ-140(3800)-140P	350-500kg/h
	TLSJ-160(4200)-160P	500-700kg/h
	TLSJ-180(5200)-180P	700-900kg/h

PP PE Plastic Pelletizing Granulating Line is specifically designed for the recycling and pelletizing of waste film materials such as LDPE, HDPE, and PP. It integrates conveying, crushing, and extrusion pelletizing. Its core components include a feeder and crusher, main and auxiliary extruders, a water ring pelletizer, a dehydrator, a vibrating screen, and a storage tank. It features high output, low energy consumption, simple operation, and uniform finished pellets. During operation, waste film undergoes crushing, extrusion plasticization (dual-zone vacuum degassing), and segmented filtration before being pelletized by a water ring. Dehydration and screening are then performed, and qualified pellets are stored in a storage tank. This unit is particularly suitable for recycling film materials with large print runs or those containing moisture.