

# PET BOTTLE HOT WASHING LINE



## FEATURES :

The used post consumer PET bottle bale processed by KOWIn recycling, sorting, inspection system & hot washing system to get clean flake which flake quality is able to make fiber directly, or to cooperate with KOWIn PET multi vacuum extrusion-pelletizing line to get resin.

The resin is able to make bottle.

## SERIES OF PET BOTTLE HOT WASHING LINE

MODEL	CAPACITY ( HOUR )
KOWIn-2311	800-1200KGS
KOWIn-2322	1000-2000KGS
KOWIn-2333	2000-3000KGS

**KOWIn**  
RECYCLING MACHINE



## **CAN REACH BOTTLE GRADE FOR PELLETIZING**



The washed PET flake from KOWIn hot washing line, with high cleanness quality. It can be used for staple fiber, filament fiber, sheet, pelletizing....etc. The pellets quality can reach bottle grade granulation.

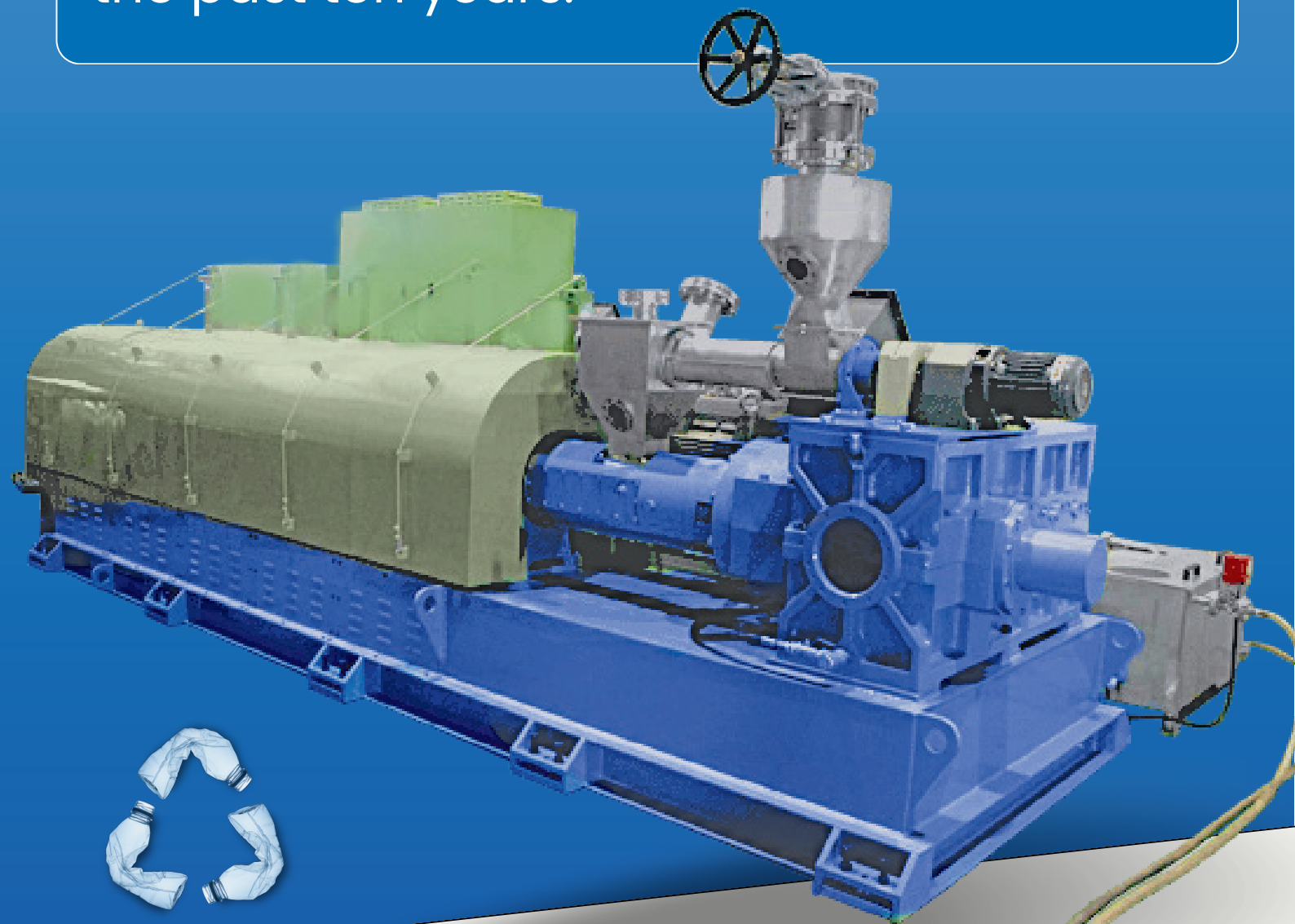
**STATE-OF-THE-ART TECHNOLOGY**

**MAKE USED PET BOTTLE TO BE HIGH CLEANNES QUALITY OF FLAKE  
AND CONVERT FLAKE INTO rPET PELLETS.**

# PET VACUUM FEEDING SYSTEM SINGLE SCREW EXTRUDER

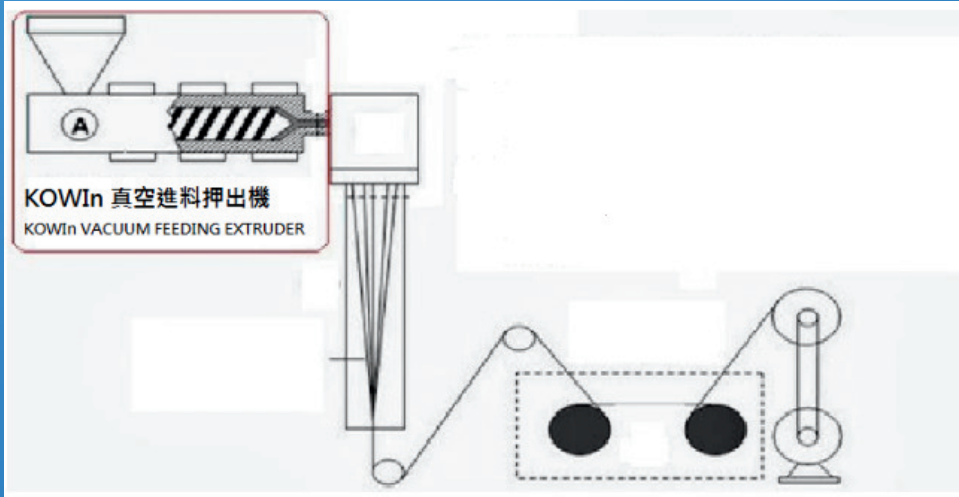
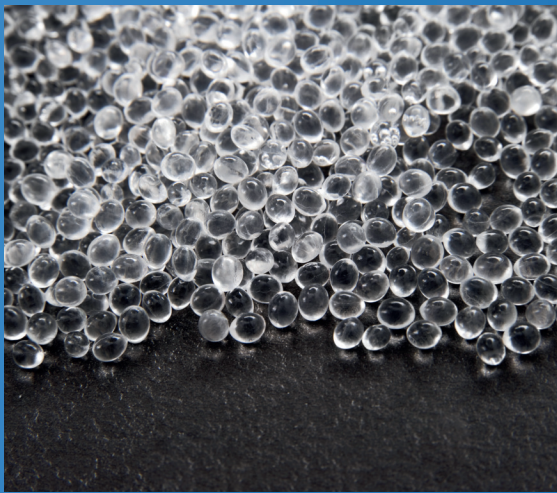
MAKE YOUR PRODUCTION MORE EASY, AS WELL AS MAKE YOUR  
POLYMERS MORE VALUABLE!!

The KOWIn vacuum feeding system single-screw extruder have been used to replace the original Austrian and German extruders at a well-known group in TAIWAN and more than 20 units have been installed in the past ten years.





**REDUCE YELLOWING,  
IV DROP AND IMPROVE  
MATERIAL QUALITY.  
FOR PET POLYMERS,  
THE IV DROP IS WITHIN 3%  
DURING EXTRUSION  
PRODUCTION.**



**EFFICIENCY**

**FEATURES** ABLE TO CONNECT WITH ANY OTHER  
BRAND OF SPINNING MACHINE.

MODEL	SCREW	CAPACITY	POWER	HEAT
KOWIN-240A	Φ105mm	4 TON/DAY	150HP (110KW)	76KW
KOWIN-250A	Φ120mm	7 TON/DAY	175HP (131.25KW)	88KW
KOWIN-260A	Φ135mm	10 TON/DAY	250HP (187.5KW)	122KW
KOWIN-270A	Φ150mm	15 TON/DAY	300HP (225KW)	105KW
KOWIN-280A	Φ165mm	20 TON/DAY	450HP (337.5KW)	112.8KW
KOWIN-290A	Φ180mm	30 TON/DAY	600HP (450KW)	138KW

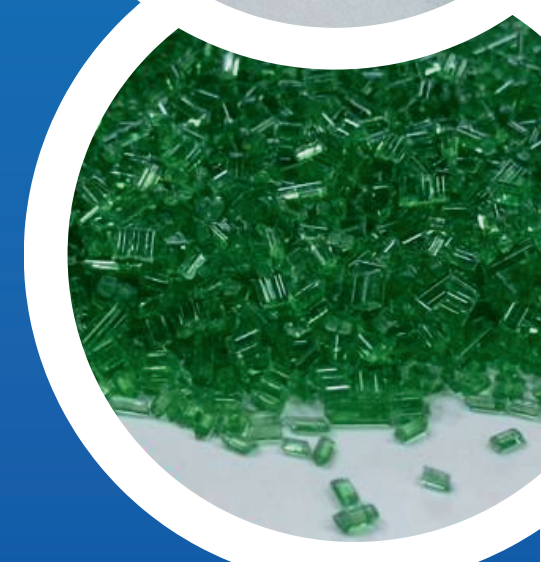




# PET MULTI VACUUM EXTRUSION-PELLETIZING MACHINE

## THE HIGH QUALITY GRANULES CAN REACH BOTTLE GRADE

PET is most afraid of residual air when granulating, so a vacuum feeding system is first used to prevent PET from turning yellow and IV falling too fast, and a dry push-type discharge is used to ensure that when PET enters the material, the residual air will Conditions and when the temperature is controlled at 210°C, PET has not yet reached the softening point, so KOW reuses vacuum storage to store air during research and development. There is no increase in retention, thus achieving a high-quality PET granulator.



MODEL	CAPACITY ( HOUR )
KOWIn-731	250-350KGS
KOWIn-741	350-450KGS
KOWIn-751	500-650KGS
KOWIn-761	650-800KGS
KOWIn-771	850-1000KGS
KOWIn-781	1000-1250KGS



# PET FABRIC / YARN RECYCLING PELLETIZING EXTRUDER

Environmentally friendly circular economy, invest in our planet !

KOWIn has long-term research and development and developed a special recycling granulator for PET cloth or nylon cloth and waste yarn, which integrates crushing, drying and granulation. It adopts a powerful vacuum design to prevent IV drop. Equipped with a rotary cutter feeding system. It is also equipped with an integrated metal detection and roller feeding device. It is a multi-functional waste cloth and waste yarn recycling machine.



MODEL	CAPACITY ( HOUR )
KOWIn-743	300-400KGS
KOWIn-753	450-600KGS
KOWIn-773	650-800KGS