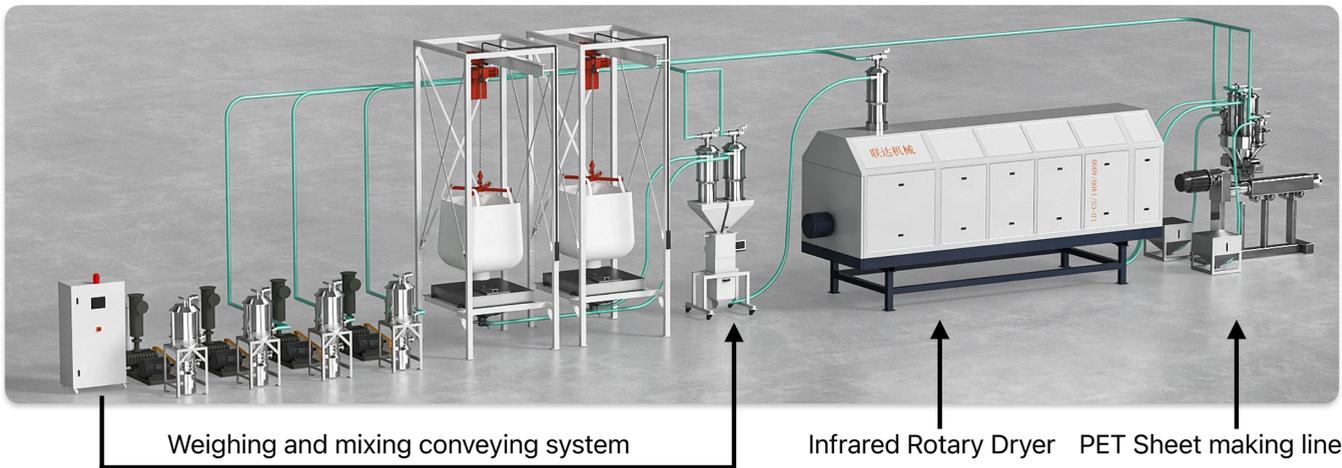


### Infrared Rotary Dryer for PET Sheet making production line

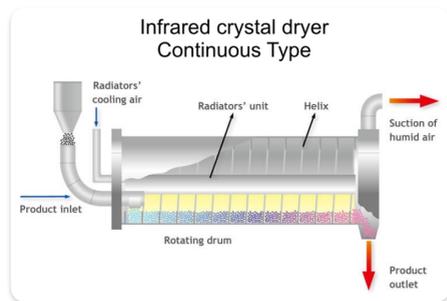
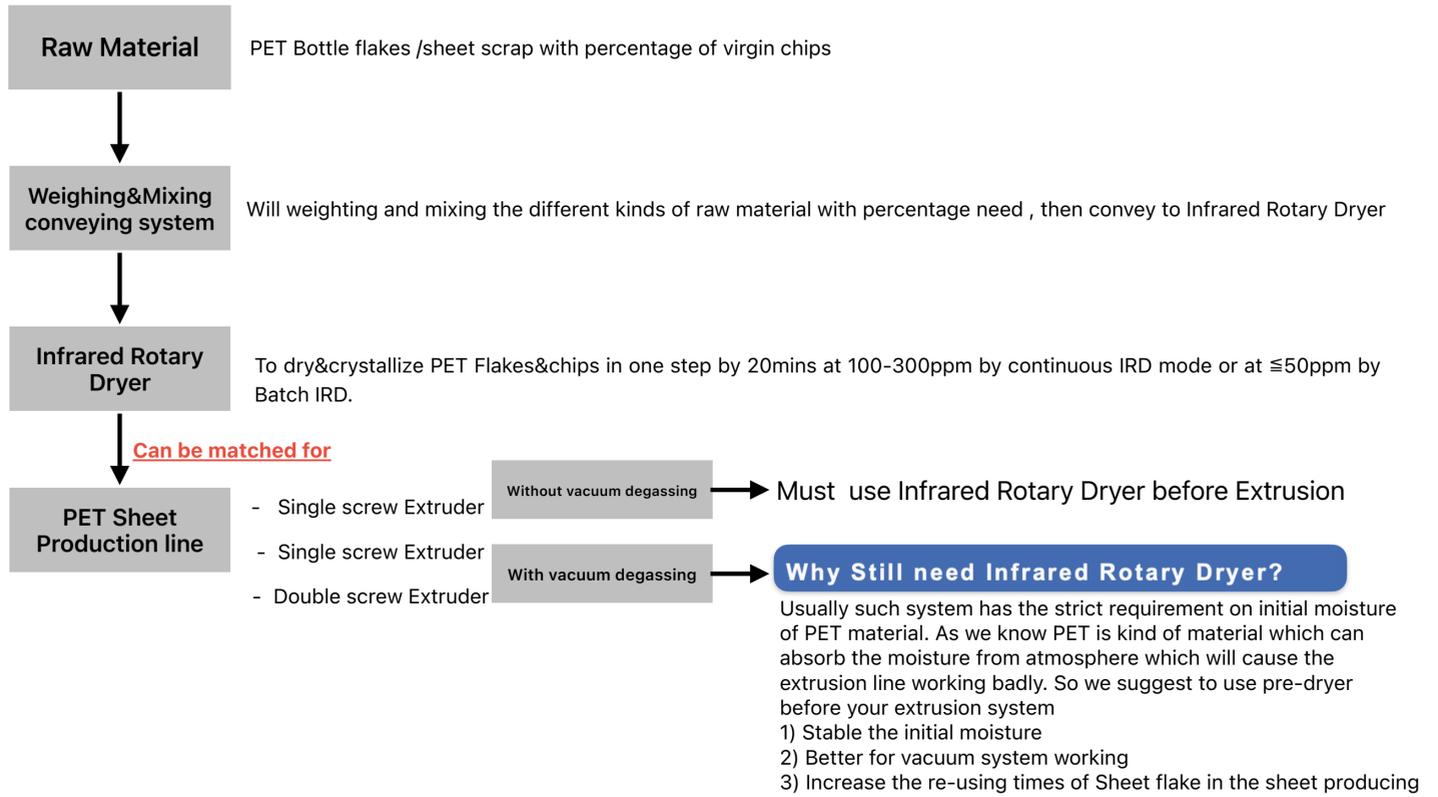


Weighing and mixing conveying system

Infrared Rotary Dryer

PET Sheet making line

#### Processing Description



#### Always in motion

- ① No segregation of products with different bulk densities
- ② The permanent rotation of the drum keeps the material moving, and clumping can be avoided



#### Instant start and quicker shut down

- ① An immediate start of the production run is possible immediately upon startup. A warm-up phase of the machine is not required.
- ② Processing can be started, stopped and restarted easily



#### Drying in minutes

15-20mins  $\leq 50$ ppm

Infrared rays cause molecular thermal oscillations, which directly act on the core of the particles from the inside out, so that the moisture inside the particles is rapidly heated and evaporated into the circulating ambient air, and the moisture is removed at the same time.



#### Lower energy cost

Today LIANDA IRD users are reporting energy cost as 0.06kwh/kg, without sacrificing product quality



#### Easy cleaned and change materials

The drum with the simple mixing elements has no hidden spots and can be cleaned easily by a vacuum cleaner or compressed air



#### PLC Control

Recipes and process parameters can be stored in the controlling system to ensure optimal and reproducible results

