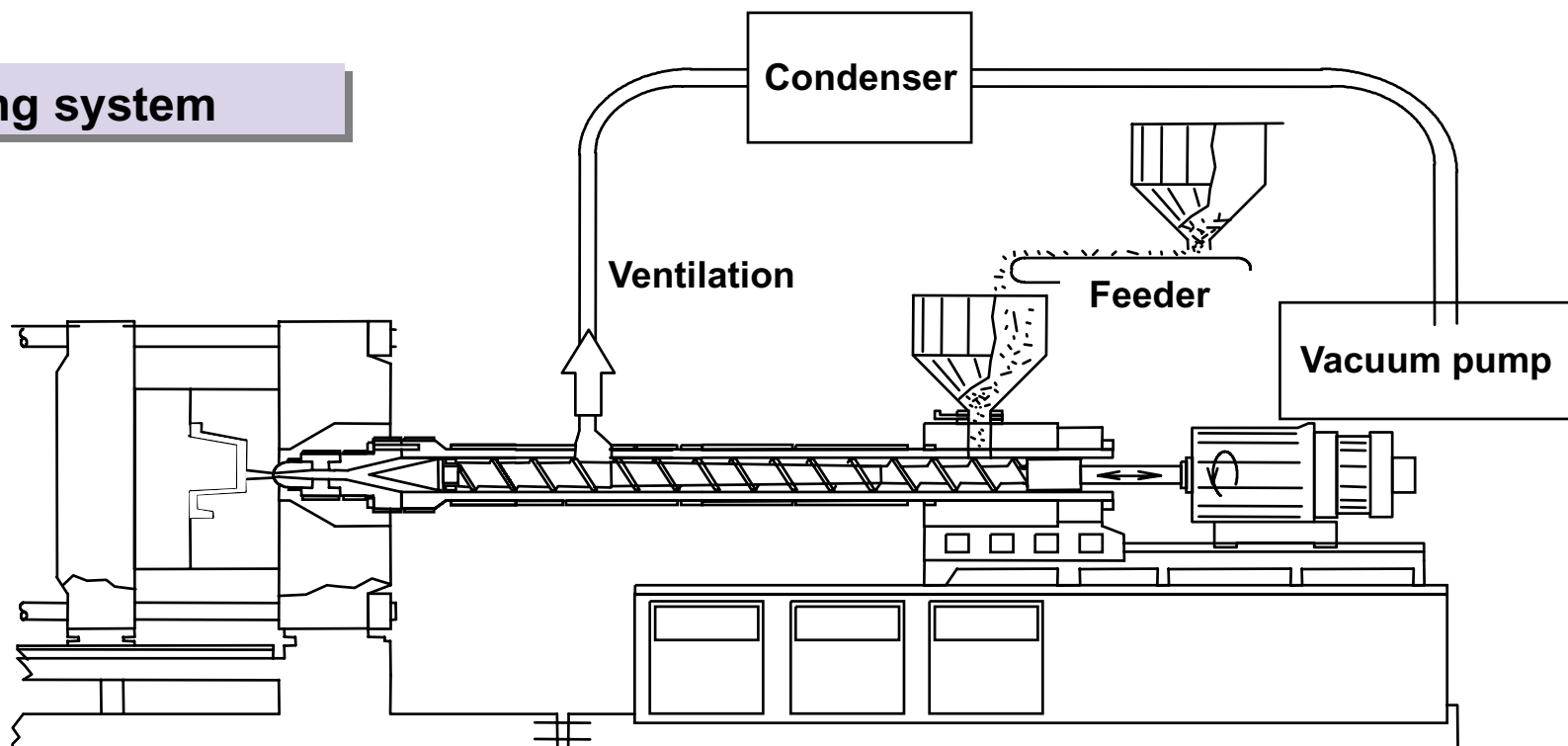


Vent-type injection molding machine for non-dried PET

Direct molding of recycled PET material (flakes)

Molding system



Features

1. An innovative screw design that enables sintering and immediate air venting

➔ Minimal hydrolysis and high strength molded products
IV value lowered to 10% or lower. Tensile strength lowered to 3-4% or lower.

2. Drying process omitted. No agitation of valuable flake material or drier required.

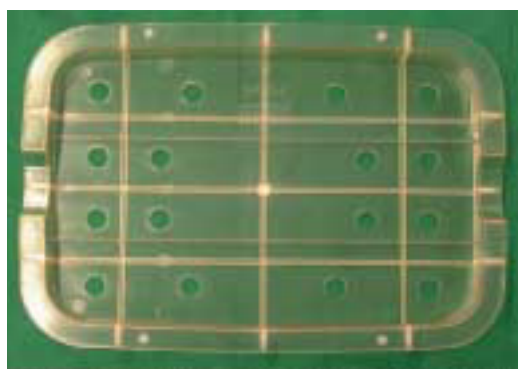
3. Able to mix coloring material directly into flake material and immediately mold.

➔ No need to cool raw material after drying.

4. Able to mold general-purpose resin as well as olefin- and styrene-type resins.

Optional vent plug for similar ease-of-use of non-vent machines.

Examples of molded products



Tray
Single piece of recycled PET



Tray
Recycled PET + pigment



Bucket
Single piece of recycled PET



Round tray
Single piece of recycled PET

Specifications

	350MG -40VPET	650MMG -130VPET	850MMG -190VPET
Mould clamping force	3430KN	6370KN	8330KN
Screw diameter	70mm	105mm	120mm
Theoretical injection volume	1070cm ³	3630cm ³	5420cm ³
System configuration	Injection molding machine, material supply feeder, vacuum pump		