

PET Crystallizers

SCR closed-loop crystallizers are used for constant crystallization of un-crystallized PET regrinds materials. Treated materials can be used for drying and dehumidifying directly. The system mainly consists of heating elements, insulated hopper, and agitator screw. After non-crystallized PET regrinds materials fed into the hopper, the system starts crystallization and agitator starts blending to prevent formation in lumps. Crystallized materials can be conveyed to material storage bin or into drying hopper.

Features:

- Fixed speed of agitator makes materials no lump together during the crystallization.
- High efficiency and even crystallization.
- Simplify and improve drying efficiency.
- Materials can be dried under high temperature by using standard hopper.
- With double overheat protectors; it can reduce the possibilities of mechanical problems.
- Process temperature is accurately controlled by temperature sensors.
- Increase the use of regrind materials with virgin materials.
- Equipped with main switch, to ensure safety.
- They can be used with dehumidifiers for direct processing.
- Auto loader, hopper receiver, magnetic base, suction box are optional for material conveying.
- Optional conveying screw for transporting crystallized material output



SCR-900U



Control panel

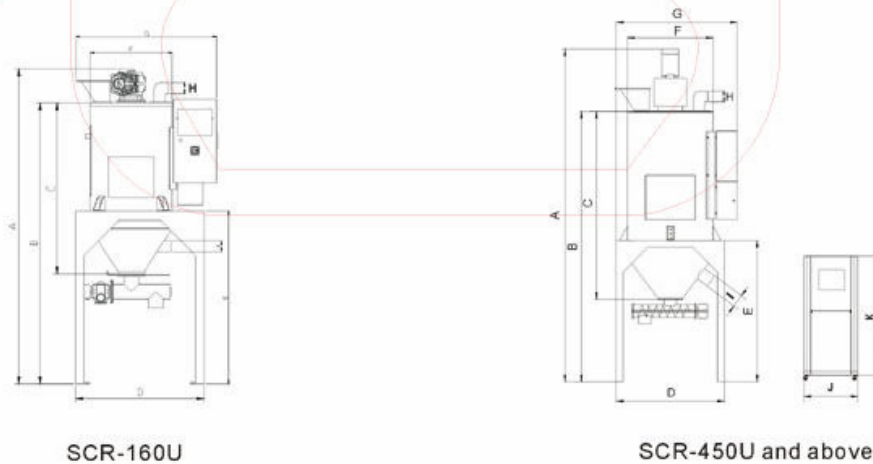
Specifications

Model	SCR-160U	SCR-450U	SCR-900U	SCR-1600U	SCR-2500U
Hopper capacity (kg)	100	300	600	1000	1500
Blending motor power (kw)	0.25 / 0.29	0.55 / 0.63	1.1 / 1.3	1.5 / 1.9	3 / 3.5
Blower power (kw)	0.55 / 0.63	1.5 / 1.9	4 / 4.6	7.5 / 8.6	10 / 11.5
Heater power (kw)	18	29	58	80	120
Max. Throughput (kg/hr)	50	150	300	500	750
A	2450	3100	4000	4550	5105
B	2050	2400	3240	4000	4500
C	1200	1750	2250	3000	3500
D	902	850	1300	1500	1650
E	1200	1200	1694	2000	2300
F	572	620	1032	1250	1400
G	780	830	1325	1550	1750
H	3"	4"	6"	8"	8"
I	3"	4"	6"	8"	8"
J	---	660	760	760	760
K	---	1450	1450	1450	1450
Weight (kg)	232	500	862	1262	1754

Power Supply: 3 Φ , 230/400/460/575V, 50/60Hz.

We reserve the right to change specifications without prior notice.

Dimensions



SCR-160U

SCR-450U and above

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