

**Air Cooled Variable/
Standard Screw Chillers**



Hybrid Scroll Chillers



**Water Cooled Variable/
Standard Screw Chillers**



Dehumidifying Dryer



India's No.1 in Process Chillers

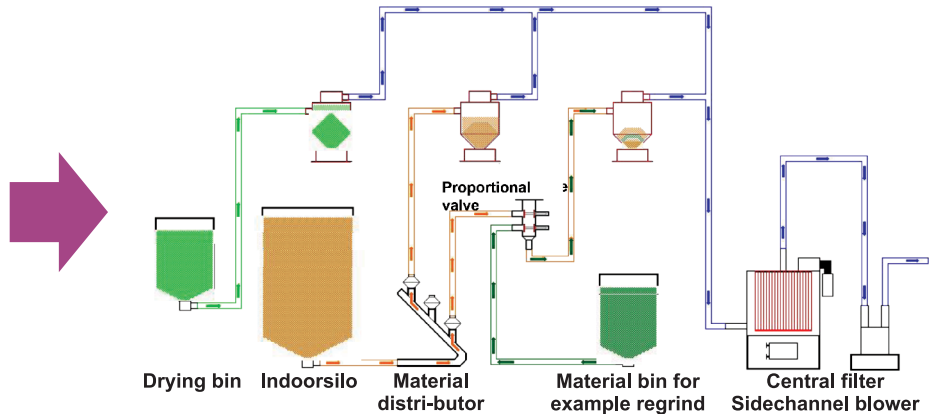
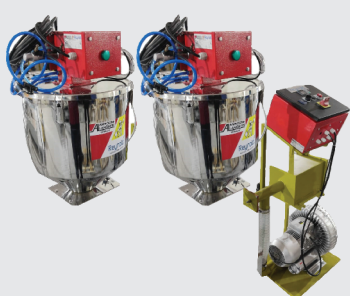
Exporting to over 60 Countries - US, EU

Introducing Plastics Auxiliary Equipments

PLC

Controlled Central material handling system

Existing Product line



Hopper Loader

Hopper auto loader made of SS-304/SS-316 Stainless Steel with high surface quality surface finish, available in the volume of 10L - 40L PLC controlled option is available.

- Possible hopper volume 5L, 10L & 20L.
- Diameter 300mm onwards.
- Throughput of 4-1500 kg/h
- Suitable for recycled or virgin material
- Patented cleaning system for materials containing dust

Floor Mounted Hot Air Dryer

Floor mounted Hot air dryers are used to dry Large quantity of polymer and then convey them to many machines, as per the process requirement, in measured quantities.

- Fully PLC controlled, with VFD based blower and thyristor based electrical heater control.
- Drying chamber made of Stainless Steel with proper insulation to minimize energy loss.
- Capacities available from 500 kg, 1500 kg per batch.
- The heaters are PLC controlled, thyristor based for uniform and steady heating.
- Blower with VFD, helps conserve energy. once the drying cycle is complete, blower idles, while during drying cycle, it runs on maximum flow.
- Heating elements are of stainless steel

Dehumidifier

Dehumidifiers are used to BONE DRY the polymers like PET and others, in batch quantity and then convey them to the injection moulding machine as per the process requirement.

- Drying chamber and the Heating elements are made of Stainless steel.
- Continuous drying CYCLE, for various quantities from 100 kg to 1500 kg.
- Dewpoint of upto (-) 55°C, with superior quality molecular sieve from Germany.
- Patented 4 way valve from Germany for long and trouble free life.
- Fully PLC controlled with on line or off line Dew point meter for efficient drying.

Twin auto Loader

Reynold Twin Auto Loader is highly Efficient loader with high performance single and double stage ring blowers and Stainless Steel Vessel to avoid material contamination. The twin auto loader are suitable for conveying plastics granules from 1 to 2 delivery points to save the cost significantly. It can convey two types material with one vacuum unit. The MPCB and PLC is used to protect the blower and smooth operation. The available range of twin Loaders is 1.3 kw to 15 kw.

TEMPERATURE CONTROL UNIT BW 130

- ✓ Process controller with temperature monitoring and self-optimization
- ✓ Wide pump range
- ✓ Heating with solid-state relay
- ✓ Draining by means of compressed air (optional)
- ✓ Interface to the machine controller (optional)
- ✓ Contactless flow-rate measurement system (optional)

Circulating fluid	Water
Heating temperature	140 °C
Electric connection	400V / 50 Hz (60 Hz)
Heating powers	9 / 12 / 18 / 24 / 27 kW
Cooling power	50 kW (90 °C / 15 °C)
Pump capacity	max.120 l/min, max. 6 bar
Temperature control	PID controller with power control
Safety installations	Temperature control, Temperature limiter, Motor overload switch, Safety valve, Press switch
Filling volume	18
Connections	R 1" and R 1/2" Internal thread
Dimensions	W 330 x D 870 x H 760 mm
Weight	75 / 79 / 85 / 85 kg
Setup	4 Adjustable feet / Castors
Color	Light grey



TEMPERATURE CONTROL UNIT BO 200 HF-BK

- ✓ Process controller with temperature monitoring and self-optimization
- ✓ Seal-less, magnetic drive pump
- ✓ Flow control to maintain the permissible film temperature
- ✓ Stainless steel heat exchanger
- ✓ Bypass cooling
- ✓ Bypass valve
- ✓ Interface to the machine controller (optional)
- ✓ Contactless flow-rate measurement system (optional)

Circulating fluid	Heat transfer fluid
Heating temperature	200°C
Electric connection	400V / 50 Hz (60 Hz)
Heating powers	36 kW
Cooling power	85 kW (150°C / 20°C)
Pump capacity	max.150 l/min, max. 8 bar
Temperature control	PID controller with power control
Safety installations	Temperature control, Temperature limiter, Motor overload switch, Safety valve, Level control
Filling volume	38 l
Connections	R 1" Internal thread
Dimensions	W 530 x D 130 x H 1180 mm
Weight	250 kg
Setup	4 Adjustable feet / Castors
Color	Light grey

Variable Speed Scroll Chillers

- Wide range of variable speed package chillers with CFC free refrigerant
- Single and dual compressor option (Fixed & Hybrid) for variable capacity from 0% to 100%
- Excellent part load COP
- Complete package with inbuilt stainless steel tank and pump



Variable Speed Screw Chillers

Air Cooled

- RFVG0176S 50TR
- RFVG0264S 75TR
- RFVG0422S 120TR
- RFVG0598S 170TR
- RFVG0766S 218TR




Water Cooled

- RFVL0211S 60TR
- RFVL0316S 90TR
- RFVL0492S 140TR
- RFVL0682S 194TR
- RFVL0872S 248TR
- RFVL1445S 411TR



Customer Care

 **Reynold Toll Free**
1800-120-1516

*The details and specifications provided here may change without notice. Please ask for the latest updates.

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