

The models DWCompact, equipped with rotor technology, offer airflow rates ranging from 20 to 280 m³/h and allow the operator to manage the loading of hopper and processing machine. A sophisticated microprocessor control unit along with a weighing system guarantee an ideal process, while a colour touch screen offers a user-friendly operator interface. The DWC series is the perfect solution for all dehumidification fields as well as medical and optical fields.



European Patent n.

EP 2447027

TECHNICAL SPECIFICATIONS:

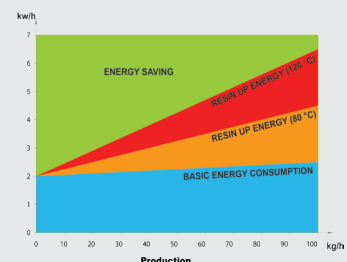
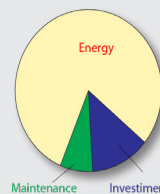
- Microprocessor control unit.
- Touch screen operator panel.
- Airflow management with inverter.
- Built-in control to load hopper & processing machine.
- Database with standard/customized materials.
- Material level controlled by a weighing system.
- Material antistress function.
- Programmable start/stop times.
- Modular system.
- ETHERNET connection.

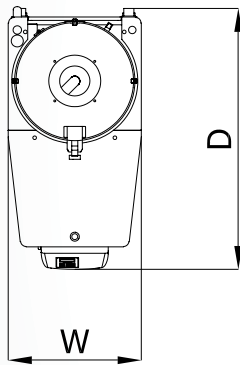
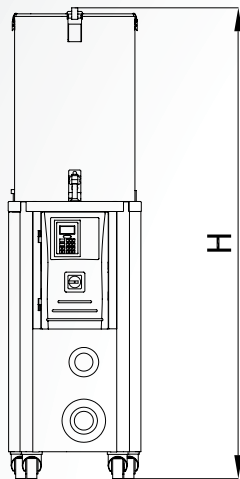
ACCESSORIES:

- Dew Point device.
- Hopper loaders for DWC's.
- Multi-Touch DWC for remote control.

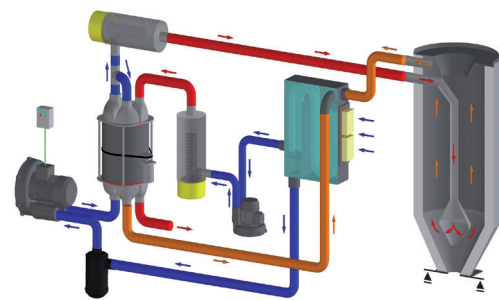
ADDED VALUE:

- **OPTIMIZATION**
Constant monitoring of performances with actual consumption values during the manufacturing process. It reads the consumption of the processing machine and adjusts to the throughput. The operator simply selects the material from a database.
- **ENERGY EFFICIENCY**
Energy consumption is the major cost in the life cycle of a machine, so the right choice ensures a return on investment and a higher margin of profit on the finished product. The most innovative dehumidification technology: energy saving and respect for the environment at the same time.





Rotor



DWC - Operating circuit

TECHNICAL DATA		DWC75	DWC150	DWC250	DWC500	DWC750
Hopper capacity	dm ³	75	150	250	500	750
Max process airflow	m ³ /h	20-50	30-70	60-140	100-280	100-280
Process temperature	°C	70-150	70-150	70-150	70-150	70-150
Process-blower power	kW	0.75	0.75	1.1	1.5	1.5
Regeneration-blower power	kW	0.08	0.2	0.2	0.4	0.4
Process-heating power	kW	1.5	2	3.5	5	5
Regeneration-heating power	kW	0.8	2	2	3.5	3.5
Total power	kW	2.85	4.95	7	10.4	10.4
Container		LDM5	LDM10	LDM10	LDM25	LDM25
Noise level	dB(A)	<80	<80	<80	<80	<80
Voltage/Frequency	V/Hz	230/1/50-60	400/50-60	400/50-60	400/50-60	400/50-60
Dimensions WxDxH	mm	550x1153x1815	660x1312x1718	660x1344x2325	825x1505x2456	825x1477x3200
Weight	kg	160	220	240	300	400