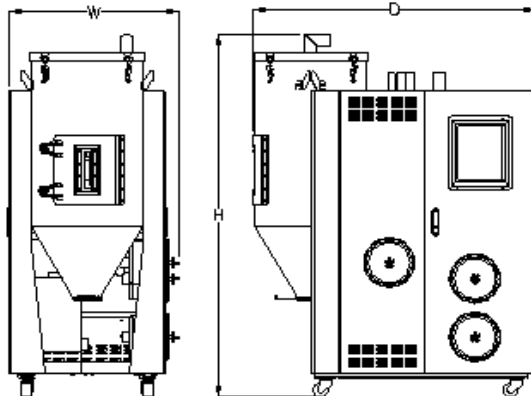


# THREE-IN-ONE DEHUMIDIFYING DRYER

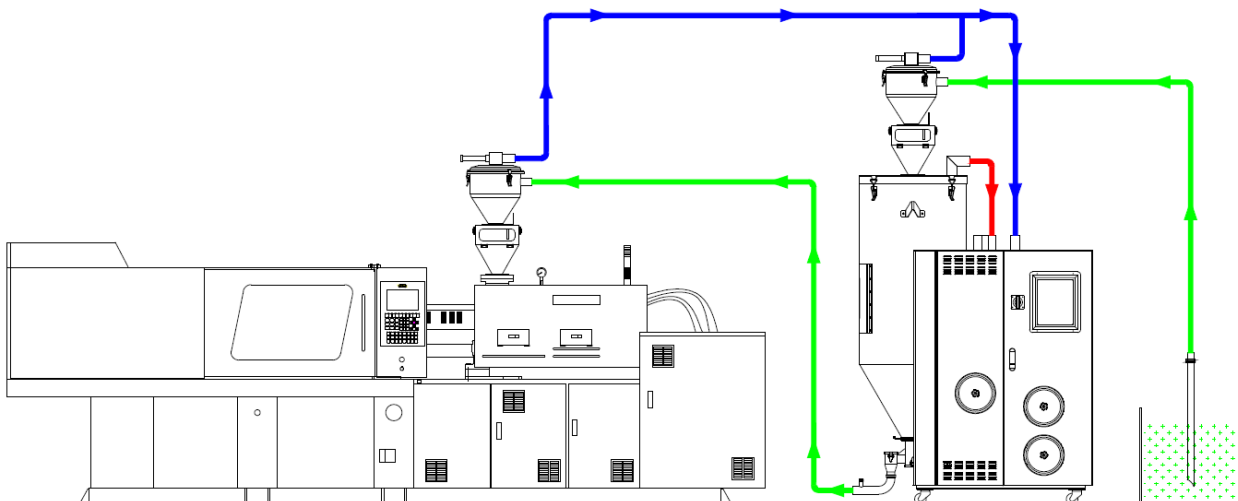
## FEATURES:

1. Dehumidifying dryer combines with hopper dryer & auto loader for saving space.
2. 7" colorful touch panel with PLC control type.
3. The honeycomb ceramic rotor operates without powder.
4. Dew-point keeps below  $-40 \sim -60^{\circ}\text{C}$  & stable during the long-term operation.
5. Cooler is well designed for handling the material with oil.
6. Hopper dryer is designed with insulation, dust-free, material first in first out, and energy saving.
7. Hopper dryer is made of SUS304 , it is easy for maintenance and cleaning.
8. It is equipped with two-station loader, and can be extended to four-station.
9. Suction box with material purge valve design for loading easily.
10. The secondary material loading station is designed to close-damper system for preventing material moisture again.
11. Well designed protection system for electricity and motors.



KRD-25-3~400-3

## FLOWCHART:





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## SPECIFICATIONS

Model			KRD-25-3	KRD-50-3	KRD-100-3	KRD-200-3	KRD-300-3	KRD-400-3
Air flow	CMH		25	50	100	200	300	400
Drying blower	60 HZ	KW	0.20	0.50	0.85	1.90	2.60	6.30
	50 HZ		0.18	0.40	0.75	1.75	2.20	5.50
Regenerative blower	60 HZ	KW	0.20	0.20	0.20	0.50	0.85	0.85
	50 HZ		0.18	0.18	0.18	0.40	0.75	0.75
Heater capacity	Drying	KW	3.5	3.5	6.5	6.5	12.0	16.0
	Regenerative		3.5	3.5	6.5	6.5	10.0	10.0
Hopper	Capacity	KG	25	50	100	200	300	400
Central loader	60 HZ	KW	0.85	0.85	0.85	0.85	1.90	1.90
	50 HZ		0.75	0.75	0.75	0.75	1.75	1.75
Central material receiver	Primary		3LITER (KCMR-3W)		6LITER (KCMR-6W)		15LITER (KCMR-15W)	
	Secondary							
Connection piping	Vacuum air		$\phi$ 2.0 INCH					
	Material inlet		$\phi$ 1.5 INCH				$\phi$ 1.5 OR $\phi$ 2.0 INCH	
	Compressed air		$\phi$ 5*8 MM at 4 KG/CM <sup>2</sup> & 20 LPM					
	Dehumidifier		$\phi$ 2.0 INCH		$\phi$ 2.5 INCH		$\phi$ 3.5 INCH	
Regenerative air outlet	INCH		1.5	1.5	2.5	2.5	3.5	3.5
Cooling water	INCH		1/2	1/2	3/4	3/4	1	1
	LPM		5	10	15	30	50	60
	KG/CM <sup>2</sup>		OVER 1.0 ~1.5 KG/CM <sup>2</sup>					
Total load	60 HZ	KW	8.3	8.6	15.0	16.3	27.4	35.1
	50 HZ		8.1	8.4	14.7	16.0	26.7	34.0
Dimension	W	CM	77	77	87	87	107	117
	D		123	127	144	164	167	182
	H		174	174	194	223	230	253
	With Pipeline		W+	83	83	93	93	113
Approx. weight	KG		255	275	345	400	440	500
Options			1.Dew-point meter	2.Oil collector	3.Air flow indicator			
Remarks			1.The model $\leq$ KRD-400-3, hopper is designed dust-free with maintenance door, and barrel & cone compacted design. 2.The model $\geq$ KRD-600-3,hopper is designed with dust-free, barrel & cone separated design. 3.We reserve the right to change specifications without prior notice.					