



3 in 1 Dehumidifying Drying Loader

AMD Series All-in-one Dehumidifying-Drying-Loaders combined the function of honeycomb dehumidifier, hopper dryer and two-stage vacuum hopper loader into one single unit (three-stage vacuum autoloader is also available for optional purchase). This 3 in 1 dehumidifying drying loader machines have three functions of dehumidifying, drying and

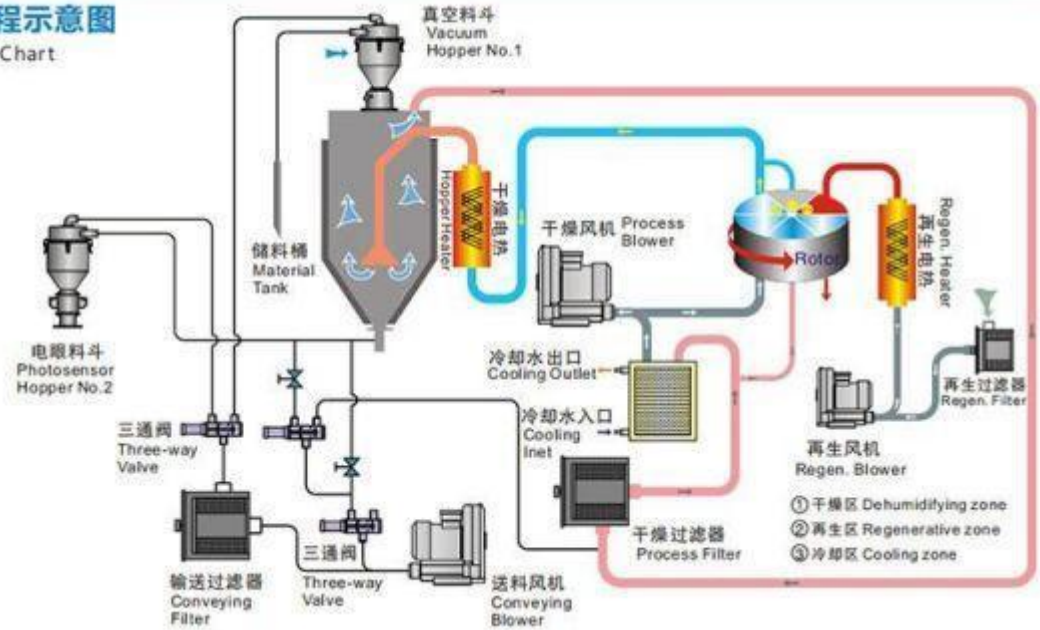
two-stage conveying system, they are very suitable for drying engineering plastics materials with hygroscopicity such as PET、PC、TPU、PBT etc, it has dew-point of below -40°C . It combines conventional hot air drying and two-stage conveying functions into a compact unit, It is suitable for drying engineering plastics which a certain requirement for moisture content such as ABS, PC, PE, PVC and PU, It takes advantage of heatless regenerative device and offers stable low dew-point dried air, can dry material more easily.

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1. 3 in 1 Dehumidifying Drying Loader Introduction

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■ 系统流程示意图
System Flow Chart



2.3 in 1 Dehumidifying Drying Loader Parameter (Specifications)

Model:	25K/	50K/	50K/	75K/	100K/	100K/	150K/	150K/	200K/	200K/	300K/	400K/	500K/	600K/
AMD-	60H	60H	90H	90H	90H	120H	120H	150H	150H	200H	200H	300H	400H	500H
Drying System														
Hopper Capacity (Kg)	25	50	50	75	100	100	150	150	200	200	300	400	500	600
Drying Heater (KW)	2.4	2.4	4	4	4	7.2	7.2	7.2	7.2	9	9	12	15	18
Drying Blower (KW)	0.4	0.4	0.7	0.7	0.7	1.3	1.3	1.6	1.6	2.2	2.2	3	5.5	7.5
Dehumidifying System														
Dry Air Capacity (m3/h)	60	60	90	90	90	120	120	150	150	200	200	300	400	500
Regenerating Heater	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4	4	4	7.2	7.2

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(KW)															
Regenerating Blower (KW)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.7	0.7
Hopper Loader System															
Autoloader Pump (KW)	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	1.6	1.6	2.2	2.2
Pipe Diameter (Inch)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Vacuum Hopper (L)	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	12	12	12	12	24	24
Photosensor Hopper (L)	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	12	12	12	12	24	24
External Dimensions:															
Height (mm)	1530	1550	1650	1830	1830	1870	1870	1910	2180	2180	2300	2300	2700	2800	
Width (mm)	1050	1050	1050	1100	1250	1180	1290	1340	1490	1490	1500	1500	1750	1760	
Depth (mm)	850	850	850	870	970	960	960	1080	1110	1100	1100	1180	1320	1320	
Weight (Kg)	250	280	300	330	350	390	450	480	530	560	620	650	760	880	

Please excuse for not note if some specifications of honeycomb dehumidifier are changed.

Note:

- 1)The dew-point indicator is optional to add on the machine.
- 2)PLC controller and LCD touch screen is optional to instead of normal controller.
- 3)The standard power supply is 3Ø 380V 50Hz. Other power supply is available.

3.3 in 1 Dehumidifying Drying Loader Features & Application

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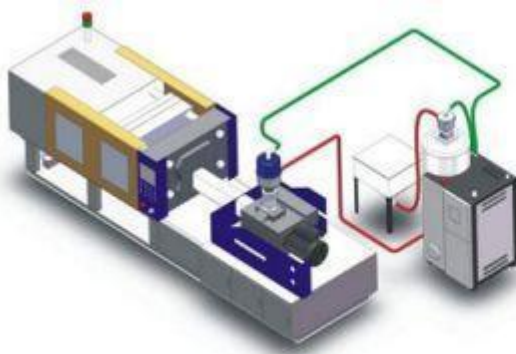
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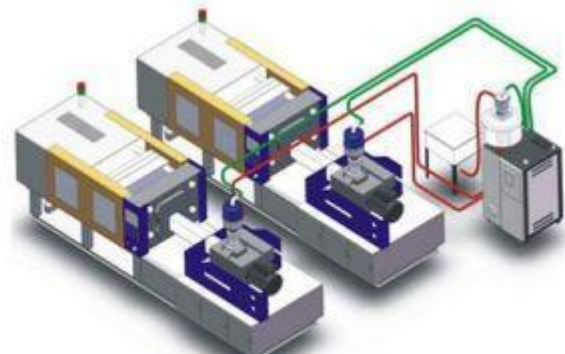
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1对1 二段送料示意图 (标准) For Serving One Machine Two-stage Conveying System (Standard)



1对2 三段送料示意图 (选配) For Serving Two Machines Three-stage Conveying System (Optional)

- 1) Combine the function of dehumidifying, drying and two-stage conveying into single unit.
- 2) Dehumidifying part is equipped with honeycomb rotor to obtain stable low dew-point drying air, dew-point is up to below -40°C .
- 3) Double layer insulated drying hopper adopts down blowpipe design, uniform drying of raw materials, avoid heat lost.
- 4) Feeding system is equipped with shut-off valve to ensure no surplus raw material in hopper tubes.
- 5) Closed loop device avoid contamination and moisture regain.
- 6) Optical GCD-OP series together with powder-removing hopper which can help avoid stain in the production of optical products.
- 7) Optical-class GCD-OP system has standard configuration high efficiency particulate absorbing filter, which can filter tiny ion of $0.3\mu\text{m}$ with filter ratio of 99.995%.
- 8) Centralized automatic control can be realized by optionally selected PLC touch screen controller.
- 9) Optional select dew-point testing device.

4. 3 in 1 Dehumidifying Drying Loader Qualification

Aumax Plast has been focusing on R&D and manufacturing of plastic recycling machine and auxiliary equipment for injection molding machine, blowing molding machine and plastic extrusion line for more than 15years.

We have obtained various domestic and foreign certifications such as ISO9001, ISO14001, CE, etc., which fully demonstrates that our products fully comply with international standards and the quality of products is guaranteed.

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5. Delivery, Shipping and Serving

Normally, the delivery time of our plastic machines is 10-20 days after order confirmed and advance payment. All of Aumax all-in-one plastic dehumidifying drying loading system machines are packed in plywood cases. Usually, we ship large machines by LCL or FCL ocean shipping. Sometimes, customers need machine urgently, we ship machine by air or express.

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Packing:



Shipping:



Sea Transportation



Air Transportation



Express

6. FAQ

1. Q: What is the MOQ?

A: The MOQ is 1 set for all products..

2. Q: Where is the loading port?

A: The nearest port to our factory is port of Ningbo, China, as well as we can send machine to Yiwu, Shanghai, Guangdong or any other cities in China.

3. Q: What are the payment terms?

A: The preferential payment term is T/T, while other payment terms are negotiable.

4. Q: What are your terms of delivery?

A: We accept FOB, CFR, CIF, EXW, and DDU. You can choose the terms which is the most convenient and cost effective to you.

5. Q: How does your factory carry out quality control?

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A: Powerful R&D teams and professional QC department take care of every detail during design, processing, assembling, testing and packing.

6. Q: Can you supply OEM and customized products?

A: Yes, we can supply OEM / ODM service. Our engineers have rich experience in design and production of plastic auxiliary equipment. We can supply special products according to your ideas and drawings.

7. Q: What about warranty terms?

A: We provide one year warranty for all of our products. During warranty period, if any machine parts damaged due to quality, we will send the new parts by courier immediately by free of charge. Also, we supply 24 hours online service and technical support.

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