

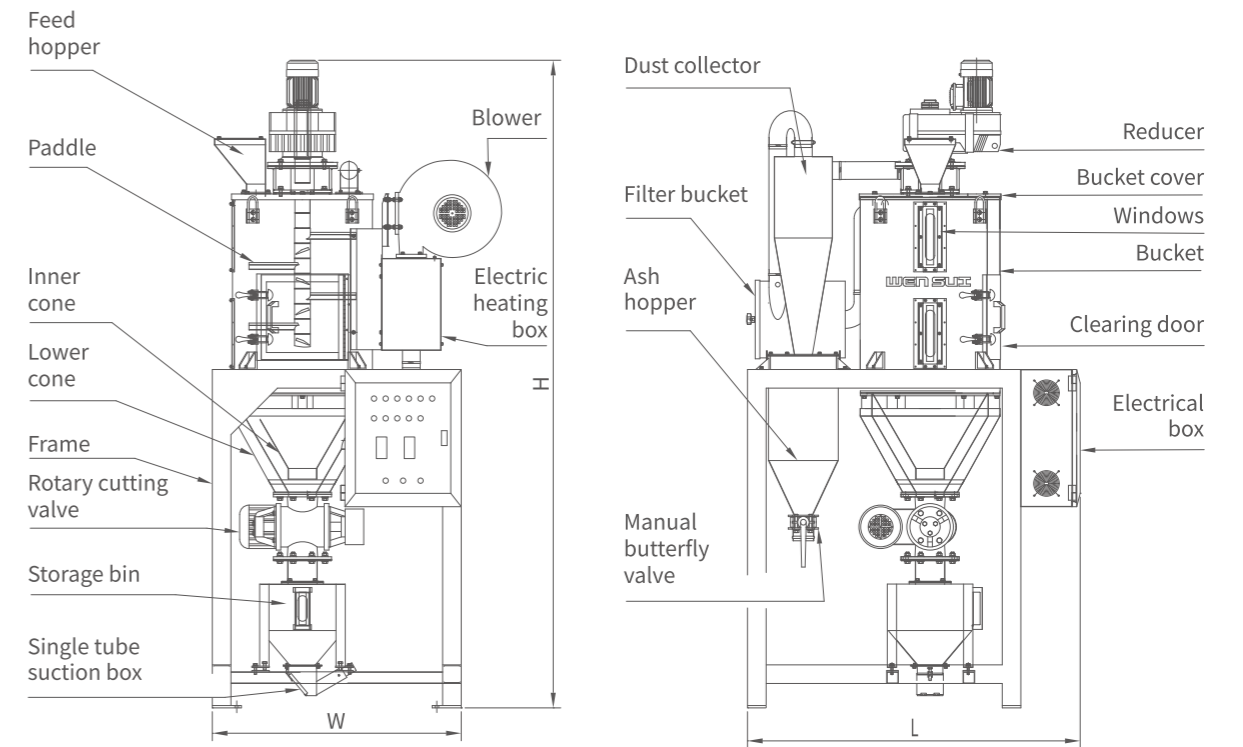
# PET CRYSTALLIZER VCR SERIES

## Working Principle

It is critical to convert un-crystallized PET to crystalline before drying; otherwise, PET would lump. The crystallizer supplies high temperature dry air to realize low-moisture PET without agglomeration. The crystallizing system consists of a heat source, an insulating hopper with a blender and a rotary discharge valve. This device can be easily integrated with other material handing equipment.

## Features

- › Hopper with blender prevents lump and deformation.
- › Constant agitation and orientation pole prevent agglomeration.
- › Automatically monitors hopper temperature to ensure.
- › Continuous and reliable output of crystallized material.
- › Processed materials can be currently discharged, or to be stored and re-used later.
- › Material bin is equipped with door, and blender is detachable, both of which are easy to access and clean.



## Specifications

Model	Capacity (L)	Blender Motor Power(kW)	Blower Power(kW)	Heating Power(kW)	Crystallizing Ability(kg/hr)	Dimension(cm) L×W×H	Net Weight (kg)
VCR-160	160	0.55	0.55	12	50	143×125×280	230
VCR-500	500	1.1	2.2	24	150	167×145×352	500

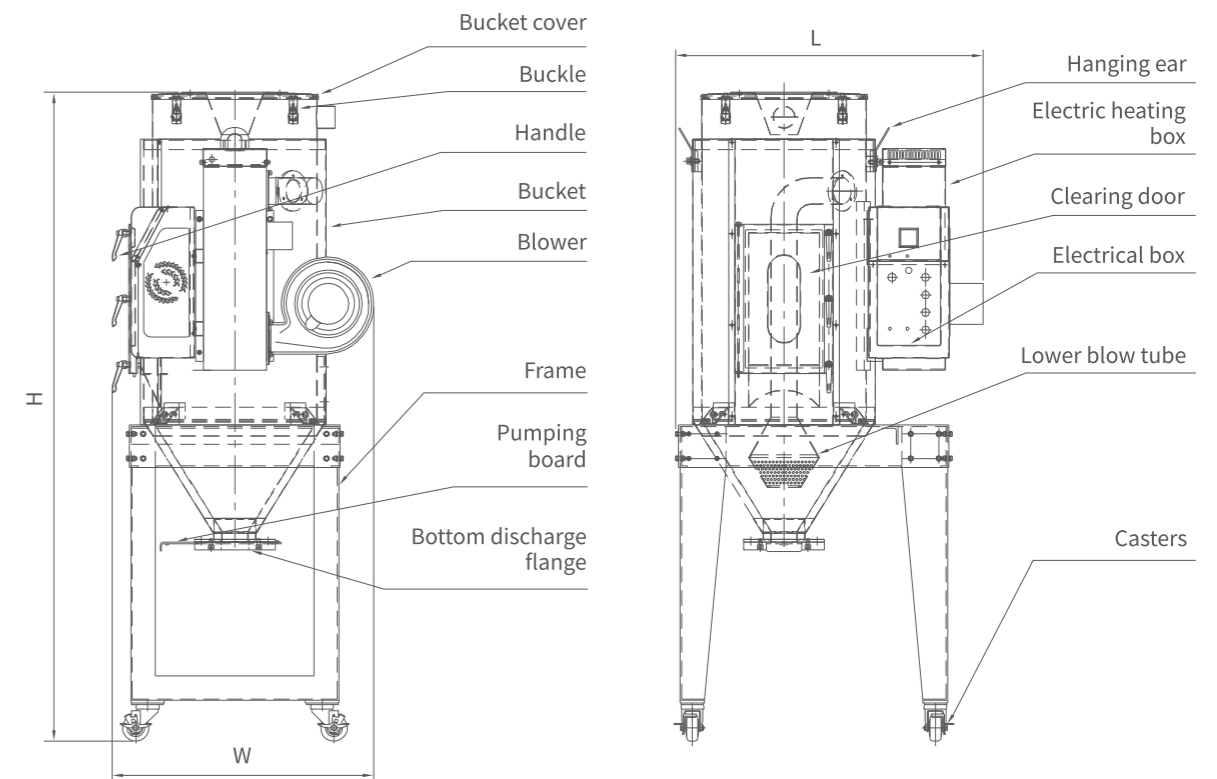
Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.

# EURO DRYER VDB SERIES

## Features

- › Downward airflow and circumfluent hot air ensure even drying and high efficiency.
- › Material contact parts are made of stainless steel to assure purity of materials.
- › Big access door is for easy cleaning.
- › Adopted digital temperature display with accurate temperature control.
- › Consisted of 2 high-temperature protective devices for safety.



## Specifications

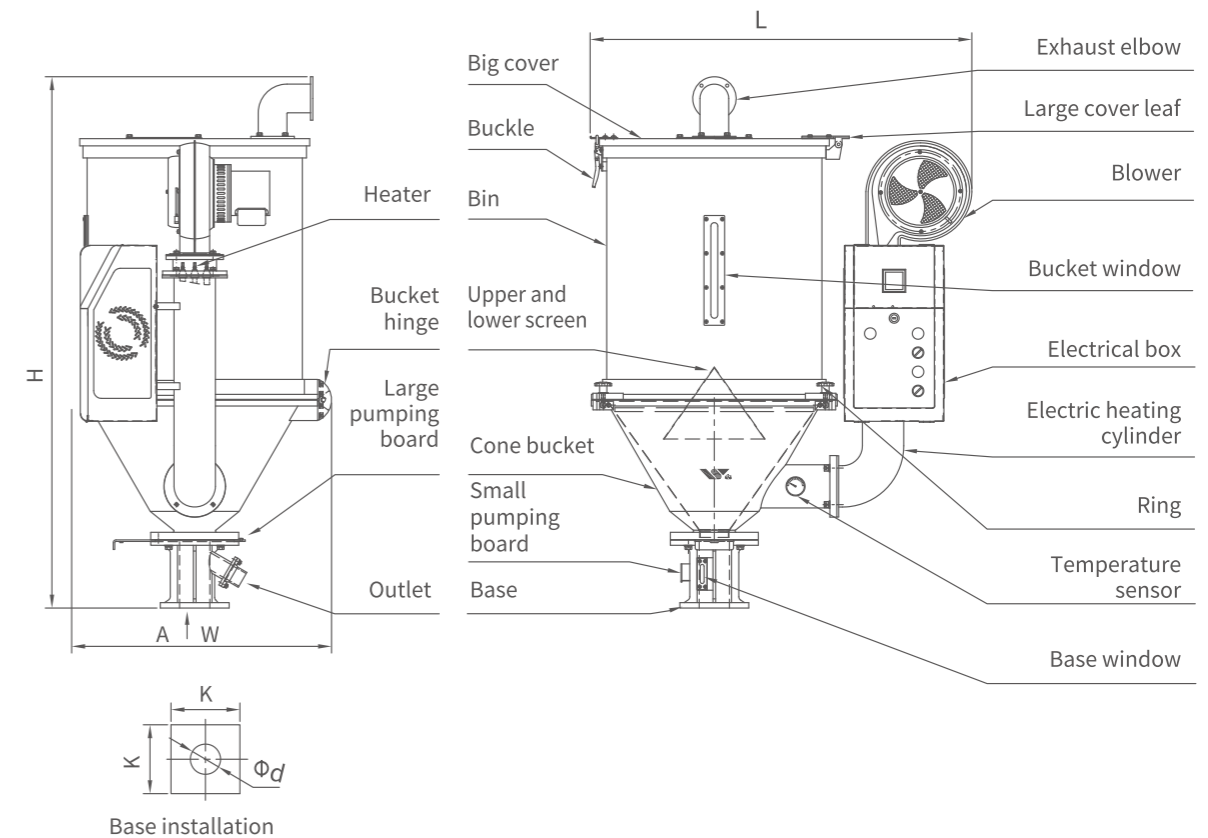
Model	Capacity(kg)	Heating(kW)	Blower(W)	Dimension(cm) L×W×H	Net Weight (kg)
VDB-50	50	4.5	157	82×69×152	110
VDB-75	75	6.5	246	83×70×175	120
VDB-100	100	6.5	246	88×72×185	140
VDB-150	150	9	350	97×83×209	170
VDB-200	200	12	350	106×87×220	195
VDB-300	300	16.8	400	119×94×238	250
VDB-400	400	18	400	135×108×249	310
VDB-600	600	20.4	750	150×122×276	400
VDB-800	800	30.6	1100	184×139×317	570

Note: The capacity of hopper is based on PA-6 granula; Power supply: 3Φ 380VAC 50Hz; We reserve the right to change specifications without prior notice.

# STANDARD HOPPER DRYER WSDB SERIES

## Features

- › Material contact parts are made of stainless steel.
- › Precise die cast aluminum housing with smooth surface and good heat preservation.
- › Adopted low noise blower, and the optional air filter ensures material purity.
- › Proportional deviation display thermostat controls temperature accurately.
- › Material bin is installed with glass for inspection.
- › Curved heating cylinder is designed to avoid powder jam and overheat.
- › Hopper is designed for easy opening, suitable for all robots.



## Specifications

Model	Capacity(kg)	Heating(kW)	Blower(W)	Dimension L×W×H (cm)	Base Flange Size(cm)	Net Weight (kg)
WSDB-12	12	1.6	50	64×44×76	11×11× $\Phi$ 4	22
WSDB-25	25	3.0	122	76×50×104	15×15× $\Phi$ 6.2	34
WSDB-50	50	4.5	157	87×54×121	16×16× $\Phi$ 7	45
WSDB-75	75	6.5	246	94×60×131	16×16× $\Phi$ 7	56
WSDB-100	100	6.5	246	101×70×141	18×18× $\Phi$ 8	68
WSDB-150	150	9	350	110×74×170	20×20× $\Phi$ 8.8	78
WSDB-200	200	12	350	118×84×176	23×23× $\Phi$ 11.5	110
WSDB-300	300	15	400	142×100×183	27.5×27.5× $\Phi$ 12	152
WSDB-400	400	15	400	148×106×202	27.5×27.5× $\Phi$ 12	170
WSDB-600	600	20	1000	158×116×240	28×28× $\Phi$ 13.5	280
WSDB-800	800	30	2200	177×118×254	28×28× $\Phi$ 13.5	380

Note: The capacity of hopper is based on PA-6 granula; Power supply: 3 $\Phi$  380VAC 50Hz; We reserve the right to change specifications without prior notice.



Upper and lower stainless steel screen.

Surface is round and smooth, easy to clean and maintain.



# GIANT HOPPER DRYER WSDH SERIES

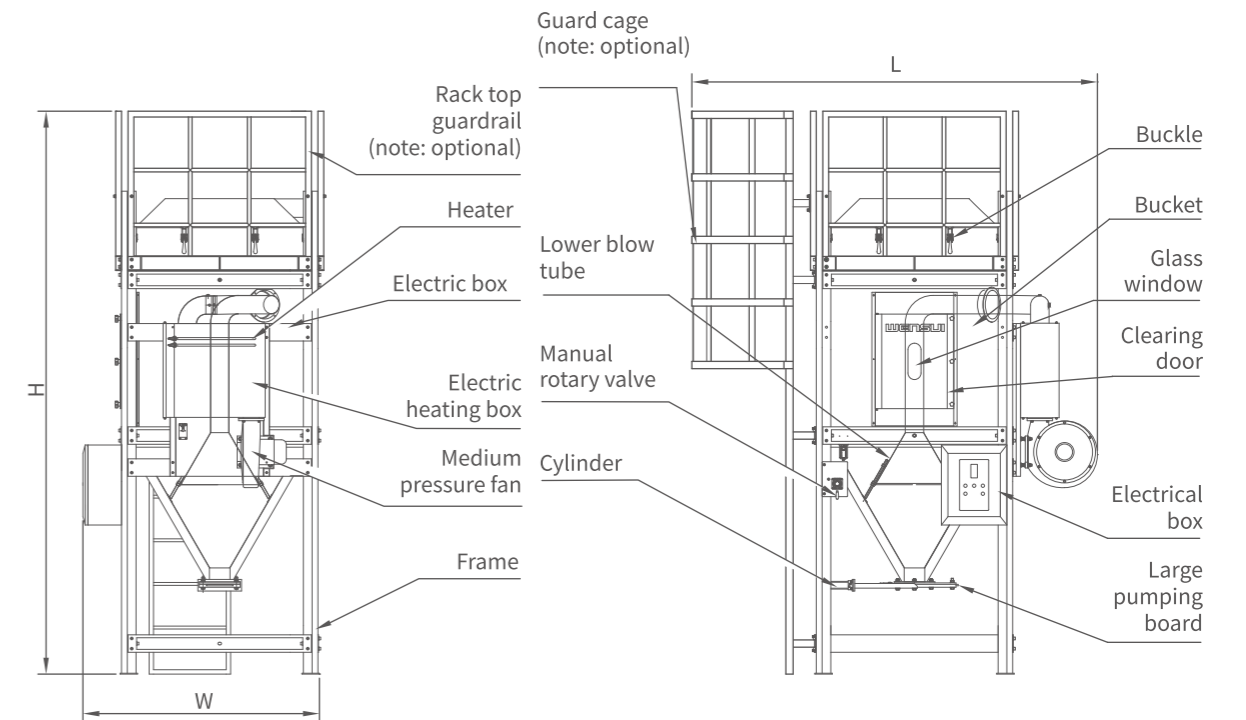
## Features

- › Dryer with 1000-3000kg capacity consisted of 2 insulating layers for heat preservation.
- › Downward airflow and circumfluent hot air ensure even drying and high efficiency.
- › Material contact parts are made of stainless steel to assure purity of materials.
- › Big access door is for easy cleaning.
- › Adopted P.I.D. control for accurate temperature control.
- › Consisted of 2 high-temperature protective devices for safety.



WSDH-1000

WSDH-1000-G



Note: The models end with "G" comes with safety fence and cage.

## Specifications

Model	Capacity(kg)	Heating(kW)	Blower(W)	Dimensions(cm) L×W×H	Net Weight (kg)
WSDH-1000	1000	40.8	1100	195×164×332	570
WSDH-1500	1500	51	1500	198×173×390	710
WSDH-2000	2000	61	3000	197×223×422	960
WSDH-3000	3000	68	4000	205×227×471	1300
WSDH-1000-G	1000	40.8	1100	279×164×387	695
WSDH-1500-G	1500	51	1500	280×173×445	850
WSDH-2000-G	2000	61	3000	280×223×474	1130
WSDH-3000-G	3000	68	4000	289×227×523	1480

Note: The capacity of hopper is based on PA-6 granula; Power supply: 3Φ 380VAC 50Hz; We reserve the right to change specifications without prior notice.

# AIR-RECYCLING HOPPER DRYER WSDD SERIES

## Features

- › Added a hose to recycle airflow to be more environmentally-friendly.
- › Features internal circulation of hot air to reduce 15-30% heat lost.
- › Concentrated thermal energy rapidly expels moisture.
- › Confined drying chamber with filter can avoid overheat and air pollution.
- › Special filter can withstand high temperature.



Euro Recycle Hose

## Recycle Hose Specifications

Model	Compatible Hopper Dryer Model	Hose Diameter(mm)
EP12	DB12	Φ50.8
EP-25	DB25	Φ63.5
EP-100	DB50-DB100	Φ63.5
EP-200	DB150-DB200	Φ101.6
EP-400	DB300- DB400	Φ101.6
EP-600	DB600	Φ101.6

Note: If recycle hose EP12 adds to hopper dryer DB12, the standard blower of DB12 is required to be changed to high temperature blower.

## EURO Hot Air Collector

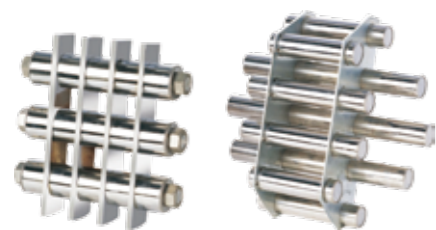
Model	Compatible Hopper Dryer Model	Blower Side-hose Diameter(mm)	Hopper Side-hose Diameter(mm)
VEP100	VDB50-VDB100	Φ76	Φ63.5
VEP300	VDB150-VDB600	Φ101.6	Φ101.6

Note: If recycle hose VEP300 adds to euro hopper dryer VDB600, the standard blower of VDB600 is required to be changed to high temperature blower.

# HOPPER DRYER ACCESSORIES

## Magnetic Separator

› Inserted to the cone to filter out iron from materials. Various models are available.



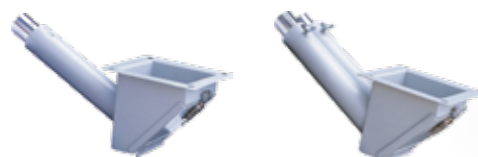
## Dust Collecting Bin

› Installed to filter dust and avoid air pollution.



## Suction Box

› For standing type hopper dryer, easy for material suction and discharge.



Single tube suction box

Double suction box



## Material Storage Bin(Silo)

› Customized tank available for all sizes of S/S hopper.



## Heating Element

› New energy-saving model.



## Support Frame

Customization of support frame is available.

› A-support Frame(For DB12-DB150)

› L-support Frame(For DB12-DB150)

