

Nitrogen Dryer (Continuous Type)

DO series

M-STABILIZER-



Drying hopper



Tank Unit

M-STABILIZER

M-STABILIZER - Features

**No damage to raw material for stable production
Control throughly from raw material bags to
molding machines**

Reduce the error associated with environment, operator, and material

- Stabilization system gets no effect from factory ambient humidity and temperature
- Simple start by pressing operation button after debuggng raw material into storage tank.
- Easy operation by the light of nature.
- Make material in better condition by stabilizing conditions such as moisture and gas with minimum heating temperature.

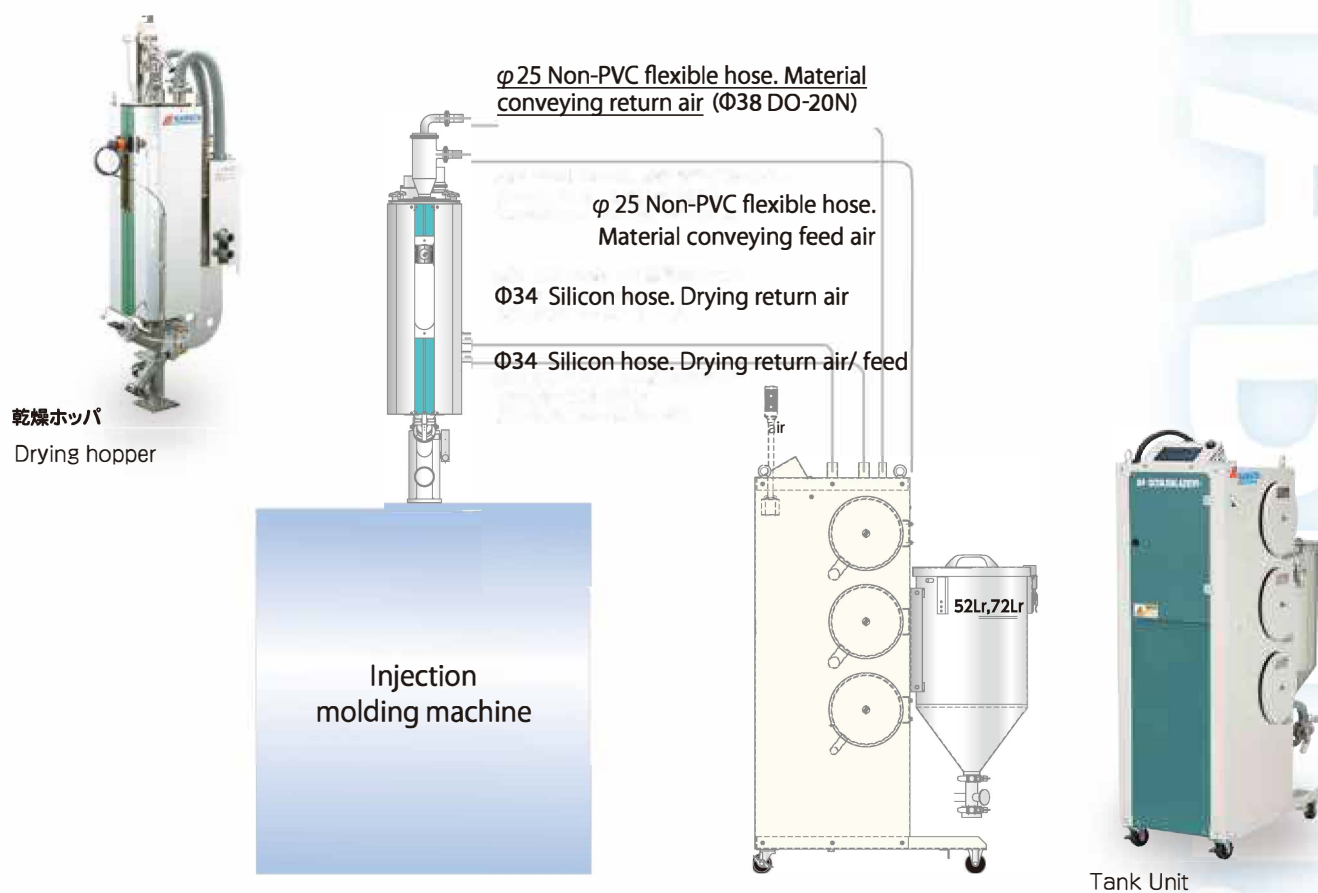
**Prevent yellowing with over 99% nitrogen concentration in the
system**

Clean spec for optical application

Special materials available

PA46	○	COC	○	EXTEM™	○
PA4T	○	COP	○	ULTEM™	○
PA6T	○	Special polyester for optical use	○	※is a trademark of SABIC or its affiliates.	
PA9T	○	Special PC for optical use	○		

Image



Specifications

Models.	DO-5N	DO-10N	DO-15N	DO-20N
Drying hopper effective capacity (L)	9	16	21	30
Main tank capacity (L)	52			72
Air supply (MPa)	0.7			
Compressed air requirement (L/min) (ANR)	80			220
Connection diameter	φ8			
(50Hz/60Hz) power supply AC200/200, 220V 50Hz/60Hz (3phase)	(kVA)	2.7		
	(AT)	15		
weight	Tank Unit (Kg)	130		
	Drying hopper (Kg)	20	27	35

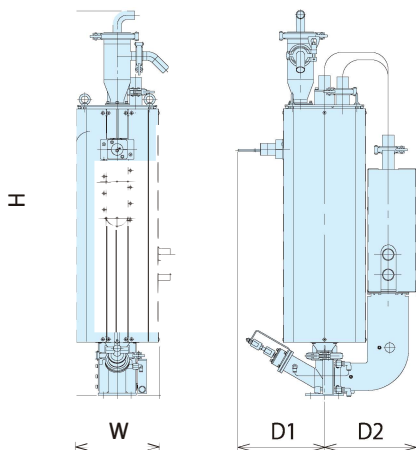
○The system may not be suitable for some material which includes different production lot and long-time retaining etc.

○The system may not work properly when periodical maintenance is not appropriately done.

○The system is designed to stabilize material condition. Not to stabilize condition affected by mold or machines.

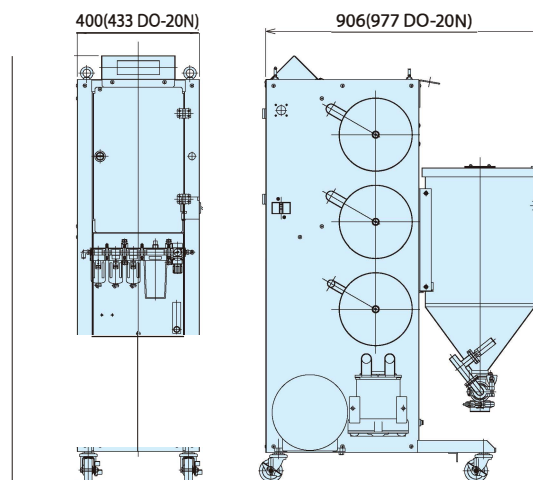
Dimension

Drying hopper



Model	DO-5N	DO-10N	DO-15N	DO-20N
W	239	239	239	320
D1	228.4	228.4	228.4	228.4
D2	266	266	266	266
H	931.3	1121.3	1173.3	1066

Tank Unit



※Avoid interference between the hopper and Traverse Robots.

Option

Attachment for molding machine (attachment with material discharge / attachment with material discharge and purge material feeding/eccentric attachment)

Addition of nitrogen separation membrane

Change of nitrogen separation membrane

Electropolishing (Material tank & Drying hopper abnormal pressure of instrument air

Visual alarm
Xenofilter

HEPA Filter
Interceptor

Cyclone dust collector (for conveying)

*These specifications are subject to change without notice.
*Please read the instructions manual carefully before use.

KAWATA U.S.A., INC.

1701 E. Woodfiel Rd #630 Schumburg, IL 60173
Phone: 847-379-1449

HEAD OFFICE /Phone.81-6-6531-8211 Fax.81-6-6531-8216 INTERNATIONAL DIVISION /Phone.81-6-6531-2914 Fax.81-6-6531-8216

SALES OFFICE

(CHINA) KAWATA MACH. MFG. (SHANGHAI) CO., LTD.
□ Shanghai Office /Phone.86-21-6289-8989
□ Dalian Office /Phone.86-411-8753-8921
□ Tianjin Office /Phone.86-22-2370-7800
□ Shenzhen Office /Phone.86-755-8229-5250
□ Guangzhou Office /Phone.86-20-3402-5200

(HONG KONG) KAWATA MACHINERY(HK) LTD. /Phone.852-3118-1326

(TAIWAN R.O.C) TAIWAN KAWATA CO., LTD. /Phone.886-3-534-1847

(THAILAND) KAWATA (THAILAND) CO., LTD. /Phone.66-2-692-1331

(VIETNAM) KAWATA (THAILAND) CO., LTD.

□ Hanoi Representative Office /Phone.84-4-2225-0155

□ Ho Chi Minh Representative Office /Phone.84-8-6290-2503

(MALAYSIA) KAWATA MARKETING. SDN. BHD. /Phone.60-6-765-6628

(SINGAPORE) KAWATA PACIFIC PTE. LTD. /Phone.65-6286-8817

(INDONESIA) PT.KAWATA MARKETING INDONESIA/Phone.62-21-5790-0852

(PHILIPPINES) KAWATA THAILAND CO., LTD. REPRESENTATIVE Office
/Phone.63-2-681-6174

(U.S.A) KAWATA U.S.A., INC.

(INDIA) PREVISION WORLD (INDIA)PVT. LTD.

□ Delhi Office /Phone.91-11-4653-8972

□ Chennai Office /Phone.91-44-4273-8662

□ Pune Office /Phone.91-20-6510-4700

(MEXICO) KAWATA-MACHINERY MEXICO S.A.de C.V.

/Phone.52-442-277-4679

PLANT

(CHINA) KAWATA MACH. MFG. (SHANGHAI) CO., LTD. /Phone.86-21-6289-8989

(INDONESIA) PT. KAWATA INDONESIA/Phone.62-21-8984-4560

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