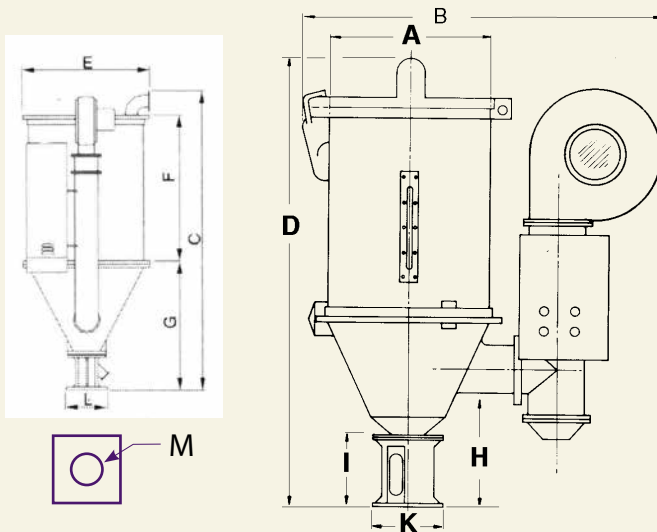


Hopper dryer

THD series hopper dryers offer an effective and low cost solution for plastic material drying. Hot air is used to dry wet material drying. Damp material due to moisture absorption during packaging, transportation, and recycling is dried efficiently by Hot Air Recirculation. These dryers can be directly mounted on the moulding machine for quick drying and space saving (optional floor stand available). Hot air blows evenly from bottom to top (both THD800 and THD1000 have down blowing air pipe and accessible door for easy material clearance). Hoppers available with capacity ranging from 12kg to 1000kg. All models are supplied with optional 24 hours auto start/stop timer.

Features:

- Uses hot air diffuser for even hot air flow to improve drying efficiency.
- Unique hot air inlet elbow design can prevent dust piling up at the bottom of the pipe heaters to avoid burning.
- All material contact surfaces are made of stainless steel to eliminate rust and material contamination.
- Hinged hopper base provides easy access to hopper tank for convenient material change and cleaning.
- Proportional deviation temperature controller for accurate control.
- Overheat protectors to prevent accident by human error or mechanical fault.
- Overheat indicating light, motor breaker and overload relay standard.
- Quick cooling blower.
- Preheat timer and double insulated hopper are available as options.
- Other options and accessories: Floor stand, Dried material suction box, hopper magnet, magnetic base, hot air recycler, blower inlet filter, exhausted air filter, and cyclone dust separator.



12Kg to 200kg capacity models.

THD Series



THD50



Stainless steel inner construction allows easy clean hinged access.

THD25, 50, 100 and 200 Models available from stock

Dimensions

MODEL	THD12	THD25	THD50	THD75	THD100	THD150	THD200	THD300	THD400	THD500	THD600	THD800	THD1000
HEATER (KW)	2.2	3	3.9	4.2	6	6	12	15	18	19.5	21	24	32
BLOWER (KW)	0.12	0.12	0.12	0.12	0.18	0.18	0.25	0.25	0.25	0.25	0.55	0.55	1.1
CAPACITY (KG)	12	25	50	75	100	150	200	300	400	500	600	800	1000
A(mm)	Ø325	Ø385	Ø470	Ø530	Ø595	Ø595	Ø750	Ø750	Ø910	Ø910	Ø910	Ø960	Ø960
B(mm)	660	725	840	900	955	955	1230	1230	1365	1365	1365	1420	1420
C(mm)	865	1015	1145	1240	1340	1580	1750	1985	2105	2285	2530	2700	3000
D(mm)	750	925	1045	1150	1340	1605	1480	1480	1840	1840	2015	2240	2470
E(mm)	360	405	490	550	605	605	770	770	915	915	950	600	600
F(mm)	370	460	520	620	725	970	975	1220	1220	1400	1545	540	540
H(mm)	110	210	220	220	226	226	258	258	302	302	302	1550	1845
I(mm)	170	170	170	170	166	166	158	158	222	222	222	222	222
G(mm)	375	410	380	475	470	470	550	550	775	775	775	950	950
K/L(mm)	150	150	150	150	220	220	257	257	345	345	345	345	345
M(mm)	Ø55	Ø55	Ø55	Ø55	Ø90	Ø90	Ø90	Ø90	Ø105	Ø105	Ø105	Ø105	Ø105
WEIGHT (KG)	35	40	45	55	70	75	120	120	165	170	240	280	300



THD Series



Drying and conveying

The TDL series of drying loaders integrate plastic drying and loading injection moulding machine which are placed in height limited workshops. This combination offers a group of standard micro-switch hoppers which can be used to load dried materials. TAL900G is available for two stage loading.

Features :

- Wide range of configurations
- Minimum space requirement and easy transportation
- Accurate proportional temperature control.
- Stainless steel hopper ensures no material pollution.
- Alarming light function.
- Hopper separated from base, ensures easy clean.
- Environment protective hot air recycling device can save 40% energy.
- Closed loop material loading system to prevent dried material from contact with outside air.
- 24 hour timer available.
- Usual base and single tube suction box are standard accessories.
- Stainless Hopper ensures no material pollution
- Hot air recycler, blower inlet filter, air filter, cyclone dust collector, magnetic base, hopper magnet and euro suction box options.
- Can combine with TAL900G for two stage loading.



Note:
 1)Auto-timer, adds "T" to the back of the model.
 2)Magnetic base, adds "M" to the back of the model.
 3)Double insulated layer, adds "I" to the model.
 4)180 high temp. Model, adds "H" to the model.
 5)single phase voltage, adds "S" to the model
 6) loading capacity based on pellet 0.65 density and dia
 7)Power:3Φ,400V,50Hz.

model	app. dryer model	app. loader model	app. Hopper model	conveying capacity (kg/hr)	hopper volume (L)	dimensions (HxWxD)	weight (kg)
TDL25	THD25	TAL700G/800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	300 450	6 2X6	1620X1000X640	95
TDL50	THD50	TAL700G/800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	300 450	6 2X6	1750X1000X640	110
TDL75	THD75	TAL700G/800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	300 450	6 2X6	1850X1000X640	115
TDL100	THD100	TAL700G/800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	300 450	6 2X6	1950X1080X710	155
TDL150	THD150	TAL700G/800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	300 450	6 2X6	2200X1080X710	160
TDL200	THD200	TAL800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	300 450	6 2X6	2385X1140X840	210
TDL300	THD300	TAL800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	300 450	6 2X6	2690X1140X840	285
TDL400	THD400	TAL800G TAL900G	1x TVH6L 1x TVH6L/TMH6L	400 700	6 2X6	2800X1240X1020	285

Floor stands for Dryers

Rugged Floor Stand converts Hopper-mounted dryer into portable unit that can be mounted beside the press.



Floor stand

Use with dryer	Part no
THD12 & THD25	FSN25
THD50	FSN50
THD100	FSN100
THD200	FSN200



Magnetic Dryer Mount

Cast base with removable magnet prevent metal contamination of the press.



Hopper Magnet base

Magnet Hopper Dryer Base Mount

Use with dryer	Part no
THD12, 25	MB25
THD50	MB50
THD100	MB100
THD200	MB200



Cyclone Dust Separator



Use with dryer	Part no
THD25, 100	HCF2
THD200	HCF3

Exhaust Air Filter



Use with dryer	Part no
THD25, 100	ADC2
THD200	ADC3

Material Suction Box



Use with dryer	Part no
All	SB38

Hot Air Recycle



Use with dryer	Part no
THD25	HAR25
THD50	HAR50
THD100	HAR100
THD200	HAR200