

**Bry-Air**®

**Knows Drying Best**

**NANO DRYER** ...DESICCANT DRYER (-)40°C DEW POINT  
for Quality and Small Quantity Processors of Special Materials

for Small Throughputs  
6-12 kg/hr



# NANO DRYER

Nano Dryer adds value of Dehumidifier for typical **drying needs of micro/miniature component processing units**. It enhances the mechanical properties of the final plastic product made from speciality plastic, engineering polymers such as Nylon, ABS, HIPS, PC, SAN, PMMA, POM, PBT, etc. Nano dryers are mostly used by processors that use table mounted injection moulding, vertical moulding, hand operated injection moulding, and small capacity injection moulding machines. Nano Dryer also helps reducing back pressure of injection moulding.

The Bry-Air Nano Dryers, are Waterless Plastic Dryers, designed to integrate product output finish of an industrial plastic dryer. It is designed to rucksack on a hopper and thus, eliminates the requirement of floor space. The Nano Dryer is compact in size and does not require a cooling water connection.

## High Precision Output

High quality output where low throughput (Kg/hr) is required

## Zero Footprint

Nano Dryer is designed to mount on the hopper and hence no floor space is needed

## Real Waterless Plastic Dryer

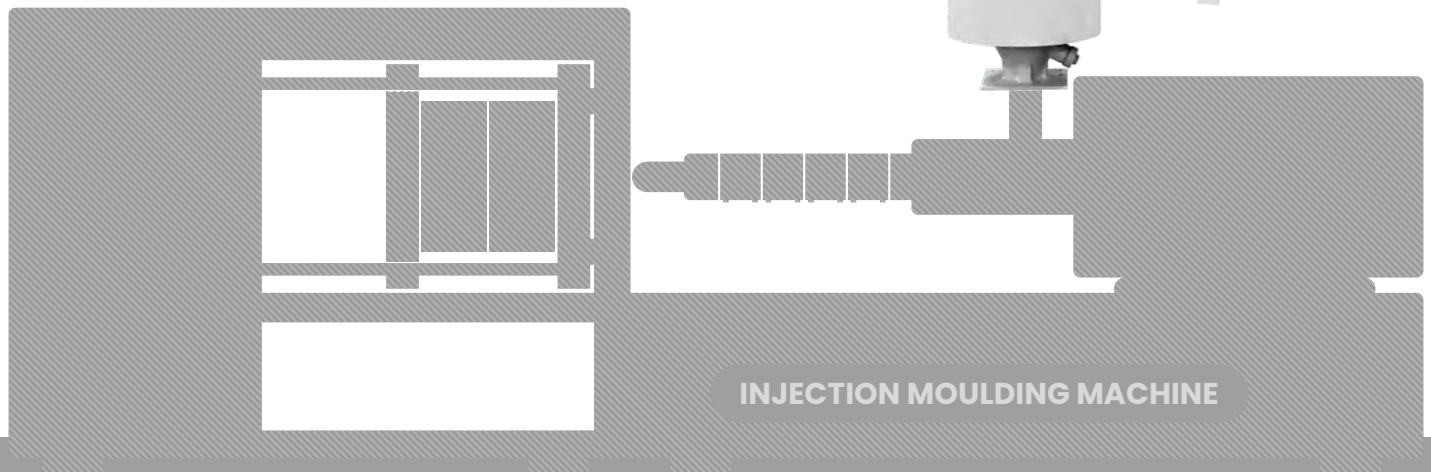
Eliminates the hassle of cooling connection and water hoses

**50%**

Energy Saving vis-a-vis  
Hot Air Dryer

**30%**

Energy Saving vis-a-vis  
Conventional Dryer



# ADVANTAGE

## Nano Dryer



Zero Foot print



Power saving upto 50%



Easy Accessible Display



Reduction in CAPEX and OPEX by 30%



No water connection required



Investment payback period 3 years

# APPLICATIONS

## and industry focus

- Automotive T1/T2/T3 plastic processing vendors
- Electrical Switches & Electronic Components
- Medical Plastics
- Miniature Components of White Goods Products
- Sanitary Bath Fittings
- Mobile Instruments (Mobile front covers, Back Covers, Charger Bodies, Keyboard switches)
- Writing Instruments and Stationery Products
- Cosmetics Products
- Toys Industry

# TECHNICAL SPECIFICATION

MODEL	PROCESS AIR FLOW CMH	HOSE CONNECTION IN"	OUTLET TEMP. RANGE IN °C	PROCESS BLOWER KW	REACT BLOWER KW	BED DRIVE MOTOR KW	PROCESS HEATER KW	REACT HEATER KW	DIMENSIONS IN MM			PROCESS OUT DEW POINT °C	UNIT WEIGHT KG
									W	D	H		
NANO-15	15	1½	80-180	0.07	0.07	0.006	0.9	0.7	320	645	410	-20 ~ -35	35
NANO-25	25	1½	80-180	0.07	0.07	0.006	1.2	0.9	320	645	410	-20 ~ -35	35

Unit available in 230/1/50Hz & 220/1/60Hz

All data is subject to change without notice

## DRYING - AT THE HEART OF IT ALL

Bry-Air, a leader in Plastics Drying in India and North America since 1978, has been on the forefront of providing the latest and most advanced drying solutions to the plastics processing industry.

Our accumulated experience of over half a century in the plastics industry enables us to provide plastic dryers and other ancillary equipments to meet the exact needs of today's plastics processors. Bry-Air's experience in the industry is job proven. Bry-Air, a flagship company of the Pahwa Group, has:



**13**

Manufacturing Plants



**9**

R&D Labs



**142**

Patent Applications Filed  
90 Patents Granted/Allowed



**1500+**

Employees

Bry-Air's Plastics Division has many firsts to its credit, to name a few - the first Plastics Dryer introduced in India in the mid 80's, the most advanced inline moisture analyser, "Moisture Minder" in 2015 and the world's first waterless plastic dryer "Green DrySmart\*" in 2020, etc. all are testimony to Bry-Air's deep understanding of the plastics customer and industry requirements to deliver world class solutions.

\*This product has been revamped and upgraded and is now known as Wonder Dryer.

## BRY-AIR RANGE OF PLASTIC DRYERS



Wonder Dryer



Mould Dehumidification System



Auto Loader



Hot Air Dryer



Nano Dryer



Moisture Minder



Leaders in Dehumidification... Worldwide

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