



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



INJECTION MOULDING MACHINE

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 HTR. KW	REACT HEATER KW	DIMENSIONS IN MM			PROCESS OUT DEW POINT °C	UNIT WEIGHT KG
									W	D	H		
NANO-15	15	1 ½	80-180	0.07	0.07	0.006	0.7	0.4	320	584	410	-20-40	35
NANO-25	25	1 ½	80-180	0.07	0.07	0.006	1.1	0.75	320	584	410	-20-40	35

*ALL DATA 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 1979, 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



132

Patent Applications Filed
58 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.

BRY-AIR RANGE OF PLASTIC DRYERS



Green DrySmart
(GDS) Dryer



Mould
Dehumidification System



Honeycomb
Resin Dryer



Hot Air Dryer



Nano Dryer



Moisture Minder



Leaders in Dehumidification... Worldwide

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