



NO DOWNTIME DURING CLEAN-OUT

Ideal for tool makers, rapid prototyping and technical molding.

NO INTERRUPTION

No interruption of the drying process occurs during on-the-fly material change.

SPEED OF DRYING

The LPD Vacuum Dryer dries resin six times faster than desiccant dryers.

ENERGY SAVINGS

Side-by-side testing of the vacuum dryer and a desiccant dryer shows reduced energy consumption of 60% less energy.

3-STAGE DRYING TECHNOLOGY

Unique patented 3-stage drying technology with "zero maintenance" required as the use of desiccant is not required.

LOW MATERIAL STRESS

Due to quick drying time, material is not put under un-due stress, eliminating material degradation.

TECHNICAL MATERIALS

The LPD vacuum dryer dries technical materials, such as PA, rapidly and precisely ensuring product quality.

MODULAR SYSTEM

The modular nature of the LPD dryer allows for increased throughput with larger heating hopper.

SIMPLE CONTROL

The LPD controller can be easily removed for service or replacement and replaced in minutes. The main functions are set simply via two thumbwheels on the LPD controller.

ALARMS

Alarms are shown on the display and signalled by an audible alarm and strobe light with silence function. The last 35 alarms are recorded via the keypad.

MATERIAL MANAGEMENT

The LPD-200 produces smaller batches for better material management.

5-YEAR WARRANTY

Backed by our 5 year warranty program, no exclusions, no registration.

REDUCED FLOOR SPACE

The floor space required for this vacuum drying unit is reduced as there are no separate drying hoppers required.

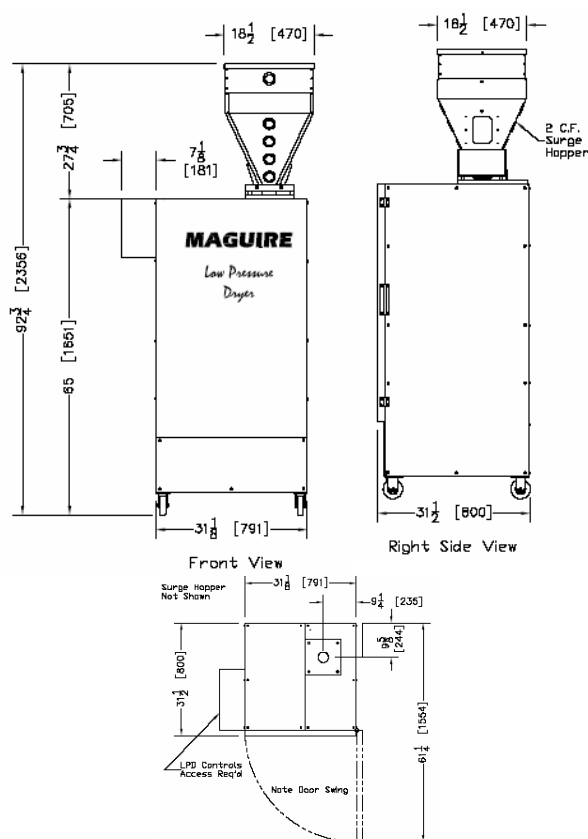
EASIER PRODUCTION PLANNING

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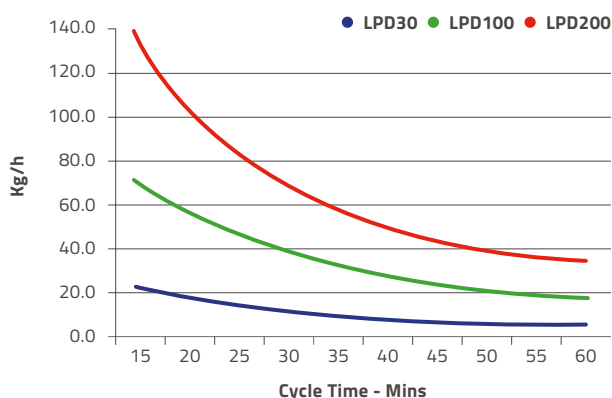


Dimensions:



Throughput Ranges:

Sample Kg/h throughput rates based on typical 0.7 bulk density at different cycle times. This information is for guideline purposes only and does not represent a guaranteed Kg/kW value.



MATERIALS DRYING TIMES

Material	Final Moisture %	Cycle Time	Drying Temp°C	kW/Kg
ABS	0.10	20-25	80-85	0.034
ABS/PC	0.02	25-30	100	0.042
LCP	0.02	20-50	150	0.080
PA	0.20-0.10	20-30	80-85	0.036
PBT	0.02	20-25	120	0.038
PC	0.02	20-25	120	0.040
PC/PBT	0.02	20-25	125	0.040
PEEK	0.20-0.10	25-30	150	0.062
PEI	0.02	30-40	150	0.064
PES	0.05-0.02	25-30	150	0.053
PET IMM	0.01	30-35	150	0.053
PMMA	0.02-0.04	30	85	0.042
POM	0.20-0.10	25	80-110	0.042
PPO	0.02	25	100-120	0.053
PPS	0.02	25	150	0.057
PUR	0.02	25	125-140	0.043
Max	0.02	25-30	150	0.057
PSU	0.20-0.10	20-40	80	0.053

TECHNICAL DATA

Model	LPD-200
Throughput (Based on 20min cycle time)	110kg/h - 240lb/h
Canister Volume	57 litres - 2cu ft
Max Temperature	180°C - 356°F
Power Supply	415v AC
Installed Power	13.6Kw
Pump kW	2.7kw
Compressed Air Usage	1.2m³/h - 0.7cfm
Compressed Air Supply	7bar - 90psi
Shipping Weight & Size	520kg - 144lbs 100x90x240cm 40x35x95inches

MAGUIRE WORLDWIDE DISTRIBUTION LOCATIONS



Maguire USA

Aston, PA, USA
T: +1 610 459 4300
F: +1 610 459 2700
E: info@maguire.com

Maguire Canada

Ontario, Canada
T: +1 905 879 1100
F: +1 905 879 1101
E: info@maguirecanada.com

Maguire Europe

Staffordshire, UK
T: +44 1827 338 280
F: +44 1827 338 285
E: info@maguire-europe.com

Maguire IMEA

Dubai, UAE
T: +971 4 881 6700
E: info@maguire-imea.com

Maguire Asia

Singapore
T: +65 6848 7117
F: +65 6542 8577
E: magasia@maguire-products.com.sg

Maguire China

Shanghai
T: +86 21 5882 3410
F: +86 21 5882 3420
E: amber@maguirechina.com