



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 undue 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-100 produces smaller batches for better material management.

5-YEAR WARRANTY

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

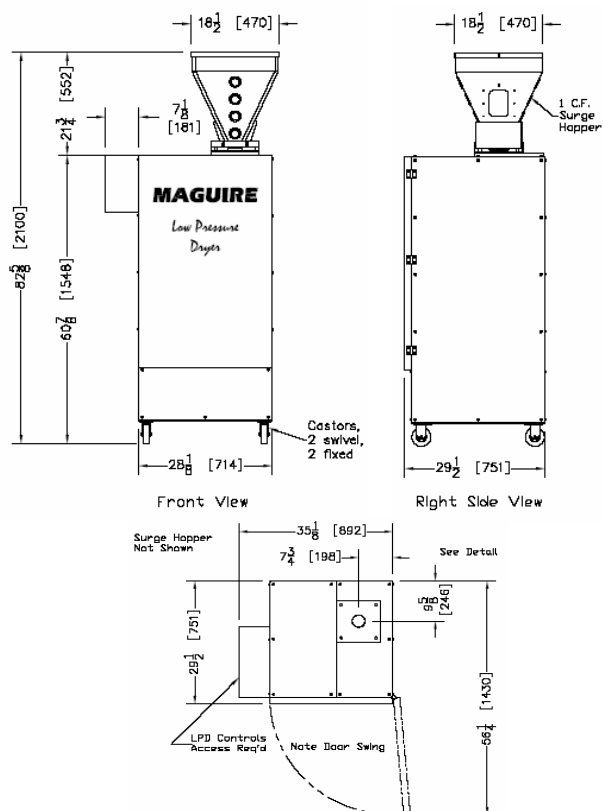
REDUCED FLOOR SPACE

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



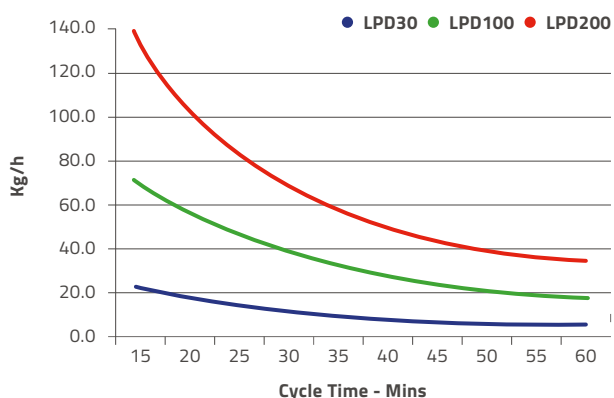


Dimensions:



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	0.038
ABS/PC	0.02	25-30	100	0.045
LCP	0.02	20-50	150	0.097
PA	0.20-0.10	20-30	80-85	0.040
PBT	0.02	20-25	120	0.046
PC	0.02	20-25	120	0.046
PC/PBT	0.02	20-25	125	0.050
PEEK	0.20-0.10	25-30	150	0.075
PEI	0.02	30-40	150	0.078
PES	0.05-0.02	25-30	150	0.065
PET IMM	0.01	30-35	150	0.065
PMMA	0.02-0.04	30	85	0.046
POM	0.20-0.10	25	80-110	0.050
PPO	0.02	25	100-120	0.065
PPS	0.02	25	150	0.069
PUR	0.02	25	125-140	0.055
Max	0.02	25-30	150	0.069
PSU	0.20-0.10	20-40	80	0.053

TECHNICAL DATA

Model	LPD-100
Throughput (Based on 20min cycle time)	50kg/h - 112lb/h
Canister Volume	27litres 1cu ft
Max Temperature	180°C - 356°F
Power Supply	415vac
Installed Power	7.9Kw
Pump kW	1.86kw
Compressed Air Usage	0.8m³/h - 0.5cfm
Compressed Air Supply	7bar - 90psi
Shipping Weight & Size	400Kg - 880lbs 100x90x220cm 40x35x85inches

MAGUIRE WORLDWIDE DISTRIBUTION LOCATIONS

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