

Dehumidifying Dryer

Suited for polymer drying applications involving hygroscopic materials. The low energy rotor wheel design allows for constant regeneration whilst supplying dry desiccant air to the process.

- Continuous desiccant drying with no regeneration time required.
- Longer desiccant bed life compared to traditional designs as the bed does not reach saturation.
- Compressed air is not required for operation.
- Accurate dew point allows for even drying of material.
- Highly efficient condenser ensures the return air is a lower temperature to maximise efficiency.
- Designed to couple with the SHD range of hopper dryer with flexible hoses and shut-off valves - reduces initial outlay and offers greater variability of hopper size.
- Microprocessor controlled for temperature accuracy.



Easy to use microprocessor controller with 24 hour timer.



Smaller models are portable.



A typical set-up including hopper loader, proportioning valve and hot air dryer unit.



Easy access for maintenance and cleaning.

Model	Dry Blower (m ³ /hr)	Blower Power (kW)	Power of rey. blower (W)	Power of rey. heater (kW)	Pipe diameter (inch)	External Dimensions (mm)	Weight (kg)
SLD-80	80	0.55	0.37	4.2	2"	L750 W600 H1230	155
SLD-100	100	0.75	0.37	5	2"	L750 W600 H1230	165
SLD-120	120	1.1	0.37	5	2"	L900 W650 H1330	202
SLD-150	150	1.5	0.55	7	2.5"	L900 W650 H1330	208
SLD-200	200	2.2	0.55	7	2.5"	L900 W650 H1330	220
SLD-300	300	3	0.75	9	3.5"	L1050 W800 H1550	278
SLD-400	400	4	0.75	9	3.5"	L1050 W800 H1550	300
SLD-500	500	5.5	1.1	12	5"	L1250 W900 H1620	400
SLD-700	700	7.5	1.5	15	5"	L1250 W900 H1620	450
SLD-1000	1000	8	22	18	6"	L1450 W1150 H1770	500
SLD-1500	1500	11	2.2	21	6"	L1450 W1150 H1770	530
SLD-2000	2000	15	3	27	8"	L1600 W1250 H1870	570

Material	Drying Temp (C)	Drying Time (hr)	Moisture Content (%)	Drying Capacities											
				25	50	75	90	120	180	240	300	400	410	700	1045
ABS	80	2-3	0.2-0.6	20	27	38	55	80	140	165	220	270	320	510	790
LCP	150	2-3	0.04	25	50	75	90	120	180	240	300	400	620	1010	1580
POM	100	2	0.08-0.25	20	40	60	75	100	150	200	250	350	450	767	1150
PMMA	80	3	0.1-0.7	15	30	40	50	70	105	130	150	220	270	432	650
IONOMER	90	3-4	1.4	20	40	60	70	90	135	180	240	360	230	380	580
PA6/6.6/6.10	75	4-6	1.2-5	17.5	35	50	60	80	120	160	200	280	260	470	685
PA11	75	4-6	1.0-1.5	17.5	35	50	60	80	120	160	200	280	270	465	685
PA12	75	4-5	1.0-1.5	27.5	55	80	100	130	185	260	320	420	505	810	1200
PC	120	2-3	0.3-0.36	20	40	60	75	100	150	200	250	350	440	740	1130
PU	90	2-3	0.2-0.9	25	50	75	90	120	180	240	300	420	380	620	940
PBT	130	3-4	0.08-0.34	32.5	65	100	120	160	240	320	400	650	1280	2107	3110
PE	90	1	0.01	18	27	41	53	80	135	165	200	250	320	550	820
PEI	150	3-4	0.25	15	30	40	50	70	100	130	160	220	300	400	750
PET	160	4-5	0.08	19	27	39	53	80	135	162	210	265	310	520	790
PETG	70	3-4	0.5	21	30	39	60	90	150	175	250	310	340	580	900
PEN	170	5	0.1	21	30	40	60	90	150	175	245	300	350	600	900
PES	150	4	0.8	27.5	55	80	95	130	190	260	330	470	500	880	1310
PPO	110	1-2	0.13	19	44	38	53	80	133	155	200	250	310	550	780
PPS	150	3-4	0.1	30	60	90	110	150	220	300	380	540	600	1010	1580
PP	120	2	0.32	42.5	85	130	160	240	360	480	600	840	1050	1700	2600
PS (GP)	80	1	0.01	30	60	85	105	140	210	280	350	500	350	580	840
PSU	120	3-4	0.22	27.5	55	60	95	130	190	260	350	500	530	870	1310
PVC	70	1-2	0.1-0.4	27.5	55	80	95	130	190	260	350	500	540	870	1310
SAN (AS)	80	1-2	0.1-0.3	27.5	37	50	85	125	202	245	331	413	476	812	1200
TPE	110	3	0.1	27.5	37	50	85	125	202	245	331	413	476	812	1200