

DTG/WATER BASED INFRARED DRYERS

Lo-E SERIES

**15 YEAR
HEATER WARRANTY**



Lo-E-3D



- Low wattage, highly efficient for customers with limited amperage
- Advanced technology speeds curing of inkjet, water-based, and discharge inks.
- Powered exhaust system to remove fumes/moisture within chamber
- Excellent air flow to cool the skin of the dryer
- Fully expandable to add additional chambers for increased productivity



Lo-E1D draws 12.5 amps @230V
5 amps @400V

Lo-E2D draws 22 amps @230V
7 amps @400V

Lo-E3D draws 38 amps @230V
14 amps @400V

	Lo-E1D	Lo-E2D	Lo-E3D
Total Wattage	2,850w (2.85kW) @230V	4,600w (4.6kW) @230V	6,350w (8.1kW) @230V
Belt Width	30" (76.2 cm)	30" (76.2 cm)	30" (76.2 cm)
Heater Width	24" (61 cm)	24" (61 cm)	24" (61 cm)
Conveyor Length	48" (122 cm)	88" (224 cm)	88" (224 cm)
Chamber Length	18" (46 cm)	35" (89 cm)	52" (132 cm)
Powered Exhaust	280 CFM (7.9 CMM)	370 CFM (10.5 CMM)	370 CFM (10.5 CMM)



Lo-E series dryers have a dual zone heat control, with a boost zone to quickly reach cure temperature. This makes it GREAT for inkjet curing!

	CURE TIMES		
Dig. White Ink @ 3 min*	23/hr	45/hr	60/hr
DTG Pretreat only*	64/hr	88/hr	180/hr
Waterbased @ 60 secs.*	64/hr	88/hr	180/hr

Features

- HEAVY DUTY** "X-Series" Conveyor Belt Roller Tracking System with Teflon coated fiberglass belt and HD belt motor
- ACCURATE ADJUSTABLE** Dual digital PID Temperature controller is accurate to +/-1°F 3" - 7" (7.6 - 17.7 cm) belt-to-heater clearance, adjustable separately on each side for each heater
- EXHAUST** High powered exhaust to remove fumes and moisture
- CONSISTENT** Precision DC belt speed control w/ digital display
- EXPANDABLE** Add additional heat chambers and conveyor extensions
- EFFICIENT** Draws only 12.5 amps for highly efficient curing (Lo-E1D)

Options

- Additional heat chambers
- Belt extensions, front or rear, 18" (46 cm) increments
- Conveyor Air Bar
- Locking casters for easy mobility
- Donut Probe

* Production speeds are estimates are based on 16" centers and will vary depending on ink manufacturer, humidity of shop, and other variables.

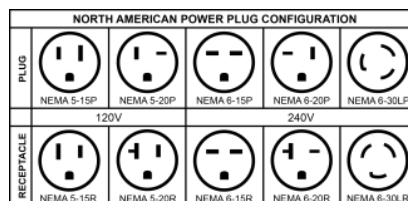


Lo-E & D1 Series

Technical Specifications



	Lo-E1D	Lo-E2D	Lo-E3D	D-100	D-1000
Heater Warranty	15 Year	15 Year	15 Year	15 Year	15 Year
Defect Warranty	3 Year	3 Year	3 Year	3 Year	3 Year
Shirts / Hr Plastisol	64+ @ 90 secs	88+ @ 90 secs	120+ @ 90 secs	110+ @ 25 secs	110+ @ 25 secs
Shirts/hr wbl/discharge	64+ @ 60 secs	88+ @ 60 secs	180+ @ 60 secs	50+ @ 70 secs	50+ @ 70 secs
Shirts/hr DTG/digital	23 @ 3 min.	45 @ 3 min.	60 @ 3 min.	N/A	N/A
Time in Tunnel Range (mm:ss)	1:00 - 5:00	1:00 - 5:00	1:00 - 5:00	00:17 - 01:20	00:17 - 01:20
Belt Speed	0.7 - 9.3 FPM* (0.2 - 2.8 MPM)	0.7 - 9.3 FPM* (0.2 - 2.8 MPM)	0.7 - 9.3 FPM* (0.2 - 2.8 MPM)	0.6 - 7.4 FPM (0.18 - 2.3 MPM)	0.6 - 7.4 FPM (0.18 - 2.3 MPM)
Belt Motor Torque	100 in-lb	100 in-lb	100 in-lb		
Exhaust (Free Air)	280 CFM (7.9 CMM)	370 CFM (10.5 CMM)	370 CFM (10.5 CMM)	177 CFM (optional)	177 CFM (optional)
Exhaust Diameter	6" (15.24 cm)	6" (15.24 cm)	6" (15.24 cm)	4" (10.16 cm)	4" (10.16 cm)
Overall Length	48" (122 cm)	88" (224 cm)	88" (224 cm)	46" (117 cm)	56" (143 cm)
Overall Width	41" (105 cm)	41" (105 cm)	41" (105 cm)	24" (61 cm)	32" (81 cm)
Overall Height	50" (127 cm)	50" (127 cm)	50" (127 cm)	24" (61 cm)	24" (61 cm)
Belt Width	30" (76cm)	30" (76cm)	30" (76cm)	18" (45.7 cm)	26" (66 cm)
Chamber Length	18"(46cm)	35"(89cm)	52"(132cm)	18" (45.7 cm)	18" (45.7 cm)
Chamber Infeed Width	33.5" (85 cm)	33.5" (85 cm)	33.5" (85 cm)	19.5" (49.5 cm)	27.75" (70.5 cm)
Chamber Infeed Height (adjustable)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)
Heat Range (@ Heater)	0-650F° (0-343C°) @ 230V 0-975F° (524C°) - booster 0-575F° (0-302C°) @ 208V 0-875F° (468C°) - booster	0-650F° (0-343C°) @ 230V 0-975F° (524C°) - booster 0-575F° (0-302C°) @ 208V 0-875F° (468C°) - booster	0-650F° (0-343C°) @ 230V 0-975F° (524C°) - booster 0-575F° (0-302C°) @ 208V 0-875F° (468C°) - booster	0-750 F° (0-399 C°) @ 120 or 240V	0-750 F° (0-399 C°) @ 120 or 240V
Heater Size	16" x 24" (40 x 61 cm)	16" x 24" (40 x 61 cm)	16" x 24" (40 x 61 cm)	16" x 16" (40.6 x 40.6 cm)	16" x 20" (40.6 x 50.8 cm)
Total Wattage	2,850 Watts Total (2.85kW)	4,600 Watts Total (4.6kW)	6,350 Watts Total (6.35kW)	1,625 Watts	2,050 Watts
Cost/hr to operate based on 10 cents/kwh	29 cents	46 cents	64 cents	16 cents	20 cents
Electrical Specs** Chamber	230V / 12.5A / 1 Ph. / 3 wire 50/60HZ	230V / 22A / 1 Ph. / 3 wire 50/60HZ	230V / 28A / 1 Ph. / 3 wire 50/60HZ	120V / 12.5A / NEMA 5-15P 240V / 6.5A / 1 Ph. / NEMA 6-15P	120V / 16.5A / NEMA 5-20P 240V / 8.2A / 1 Ph. / NEMA 6-15P
Electrical Connection	All amps shown are FLA (Full Load Amps), not recommended line size! Dryers on this page must be hard wired to the power terminal provided. A licensed electrician must be consulted and should refer to articles, 210.20(a), 215.3 and 310 of the NEC code.			Cordset Included	Cordset Included
Optional Power	400V / 5A / 3 Ph. / 5 wire 50/60HZ	400V / 7A / 3 Ph. / 5 wire 50/60HZ	400V / 10A / 3 Ph. / 5 wire 50/60HZ	208V / 6.5A / 1 Ph. / NEMA 6-15P	208V / 8.2A / 1 Ph. / NEMA 6-15P
Unit Weight	220 lbs (100 kg)	360 lbs (163.3 kg)	450 lbs (205 kg)	89 lbs (41 kg)	114 lbs (52 kg)
Shipping Weight**	380 lbs (173 kg)	530 lbs (241 kg)	620 lbs (282 kg)	Box 1 - 57 lbs (26 kg) Box 2 - 16 lbs (7.3 kg) Box 3 - 21 lbs (9.6 kg) Boxes on skid - 115 lbs (52 kg)	Box 1 - 17 lbs (7.7 kg) Box 2 - 24 lbs (10.9 kg) Box 3 - 35 lbs (15.9 kg) Box 4 - 43 lbs (19.5 kg) Box 5 - 11 lbs (5 kg) Boxes on Skid - 226 lbs (105.5 kg)
Shipping Dimensions**	49" x 45" x 40" (124 x 114 x 102 cm)	54" x 43" x 60" (137 x 109 x 152 cm)	49" x 45" x 59" (124 x 114 x 150 cm)	Box #1 - 54" x 29" x 8" (138 x 74 x 21 cm) Box #2 - 21" x 21" x 7" (53x53x18 cm) Box #3 - 25" x 18" x 6" (64 x 46 x 15 cm) On Skid - 60" x 32" x 22" (153 x 82 x 56 cm)	Box #1 - 27" x 21" x 7" (69 x 54 x 18 cm) Box #2 - 31" x 21" x 9" (79 x 54 x 23 cm) Box #3 - 36" x 31" x 8" (92 x 79 x 21 cm) Box #4 - 36" x 31" x 8" (92 x 79 x 21 cm) Box #5 - 31" x 15" x 8" (79 x 38 x 21 cm) On Skid - 49" x 37" x 36" (125 x 94 x 92 cm)



1 in = 2.54 cm
1 lb = 0.454 kg

* Production speeds are estimates based on 16" centers and will vary depending on ink manufacturer, humidity of shop, and other variables.

**All shipping weights and dimensions are for continental US shipping only. Call for other shipping specifications. Ex-works from Bethlehem, PA.