

MULTI PURPOSE INFRARED DRYERS

LITTLERed X3D SERIES

**15 YEAR
HEATER WARRANTY**

New technology speeds curing of ink jet, water-based and discharge inks.



LR-X3D-30



LR-X3D-54

LR-X3D series dryers have a dual zone heat control, with a boost zone to quickly reach cure temperature. This makes it GREAT Inkjet curing! With a second X3 chamber, the LR-X3D-30-2 can handle higher production including longer times necessary for Kornit printers.



30" Belt Version		CE CERTIFIED BY CERTIFICATION EXPERTS THE NETHERLANDS	54" Belt Version	
LR-X3D-30	LR-X3D-30-2		LR-X3D-54	LR-X3D-54-2
8,900w	16,700w	Total Wattage	17,800w	33,400w
30" (76 cm)	30" (76 cm)	Belt Width	54" (137 cm)	54" (137 cm)
24" (61 cm)	24" (61 cm)	Heater Width	48" (122 cm)	48" (122 cm)
88" (224 cm)	124" (315 cm)	Conveyor Length	88" (224 cm)	124" (315 cm)
41" (105 cm)	82" (210 cm)	Chamber Length	41" (105 cm)	82" (210 cm)
388 CFM (11CMM)	776 CFM (22CMM)	Powered Exhaust	550 CFM (15.6CMM)	1,100 CFM (31.2CMM)
360+/hr	720+/hr	Cure Times: Plastisol*	720+/hr	1,440+/hr
130+/hr	260+/hr	Waterbased/Discharge*	260+/hr	520+/hr
51/hr @ 3min	102/hr @ 3min	Digital White Ink*	102/hr @ 3min	204/hr @ 3min
38/hr @ 4min	76/hr @ 4min, 34/hr @ 9min		76/hr @ 4min	152/hr @ 4min, 68/hr @ 9min

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 2" - 7" (5 - 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

Options

- Additional chambers can be added as well as belt extensions
- Locking casters for easy mobility
- Creeper gear

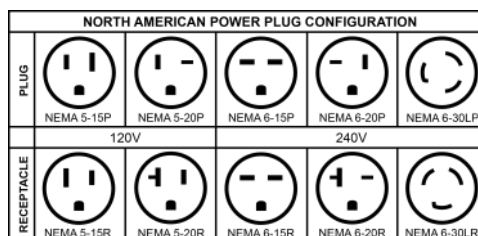
* Production speeds are estimates and will vary depending on ink manufacturer, humidity of shop, and other variables.



D-100, D-1000, & LittleRed Technical Specifications



	D-100	D-1000	LR-X1-30	LR-X2-30	LR-X1-54	LR-X2-54	LR-X3-30	LR-X3-54
Heater Warranty	15 Year	15 Year	15 Year	15 Year	15 Year	15 Year	15 Year	15 Year
Defect Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year
Shirts / Hr Plastisol	110+	110+	90+(120V)/130+(240V)	260+	260+	520+	360+	720+
Shirts/hr wb/discharge	50+	50+	45+	90+	90+	180+	120+	240+
Belt Speed	0.6-7.4 FPM (0.18-2.3 MPM)	0.6-7.4 FPM (0.18-2.3 MPM)	0.6-7.4 FPM (0.18-2.3 MPM)	1.4-17.7 FPM (0.4-5.4 MPM)	0.6-7.4 FPM (0.18-2.3 MPM)	1.4-17.7 FPM (0.4-5.4 MPM)	1.4-7.4 FPM (0.18-2.3 MPM)	1.4-7.4 FPM (0.18-2.3 MPM)
Exhaust (Free Air)	n/a	n/a	177 CFM (5 CMM) optional	177 CFM (5 CMM)	388 CFM (11 CMM) optional	388 CFM (11 CMM)	388 CFM (11 CMM)	550 CFM (15.6 CMM)
Exhaust Diameter	n/a	n/a	3" (7.62 cm)	3" (7.62 cm)	3" (7.62 cm)	4" (10.16 cm)	4" (10.16 cm)	4" (10.16 cm)
Overall Length	46" (117 cm)	46" (117 cm)	48" (122 cm)	84" (213 cm)	66" (168 cm)	84" (213 cm)	88" (224 cm)	88" (224 cm)
Overall Width	24" (61 cm)	32" (81 cm)	41" (105cm)	41" (105 cm)	65" (166 cm)	65" (166 cm)	41" (105 cm)	65" (166 cm)
Overall Height	24" (61 cm)	24" (61 cm)	48" (122cm)	50" (127 cm)	48" (122cm)	50" (127 cm)	50" (127 cm)	50" (127 cm)
Belt Width	18" (45.7 cm)	26" (66 cm)	30" (76 cm)	30" (76 cm)	54" (137cm)	54" (137cm)	30" (76cm)	54" (137cm)
Chamber Length	18" (45.7 cm)	18" (45.7 cm)	18" (46cm)	36"(92 cm)	18" (46cm)	36"(92 cm)	41"(104cm)	41"(104cm)
Chamber Infeed Width	19.5" (49.5 cm)	27.75" (70.5 cm)	33.5" (85cm)	33.5" (85 cm)	58.5" (149 cm)	58.5" (149 cm)	33.5" (85 cm)	58.5" (149 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)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)	2" - 7" (5 - 17.7 cm)
Heat Range (@ Heater)	0-750 F° (0-399 C°) @ 120 or 240V	0-750 F° (0-399 C°) @ 120 or 240V	0-900F° (0-482C°) @ 240V 0-750F° (0-399C°) @ 120V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900 F° (0-482 C°) @ 240V	0-900F° (0-482C°) @ 240V 0-1150F° (621C°) - booster
Heater Size	16"x16"(40.6x40.6 cm)	16"x20"(40.6x50.8 cm)	12" x 24" (30 x 61 cm)	12" x 24" (30 x 61 cm)	12" x 48" (30 x 122 cm)	12" x 48" (30 x 122 cm)	12" x 24" (30 x 61 cm)	12" x 48" (30 x 122 cm)
Total Wattage	1,625 Watts	2,025 Watts	240V / 1 @ 2,600 Watts 120V / 1 @ 2,000 Watts	2,600 = 5,200 Watts	5,200 Watts	10,400 Watts	7,800 Watts Total	15,600 Watts Total
Cost/hr to operate based on 10 cents/kwh	16 cents	20 cents	26 cents @ 240V 20 cents @ 120V	52 cents	52 cents	\$1.04	78 cents	1.56 cents
Electrical Specs** Chamber	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	240V / 11A / 1 Ph. / NEMA 6-15P 120V / 16.5A / NEMA 5-20P	240V / 21.6A / 1 Ph. / 3 wire 50/60HZ	240V / 22A / 1 Ph. / 3 wire 50/60HZ	240V / 44A / 1 Ph. / 3 wire 50/60HZ	240V / 34A / 1 Ph. / 3 wire 50/60HZ	240V / 68A / 1 Ph. / 3 wire 50/60HZ
Electrical Connection	Cordset Included	Cordset Included	Cordset Included	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.				
Optional Power Also available in 380 / 440 / 480	208V	208V	208V	208V	208V 380V 480V	208V 380V 480V	308V	308V
Unit Weight	89 lbs (41 kg)	114 lbs (52 kg)	172 lbs (78 kg)	304 lbs (138 kg)	380 lbs (173 kg)	480 lbs (218 kg)	424 lbs (193 kg)	Call for details
Shipping Weight*	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) Boxes on Skid—215 lbs (97.5 kg)	300 lbs (136 kg)	495 lbs (225 kg)	550 lbs (250 kg)	638 lbs (290 kg)	Call for details	Call for details
Shipping Dimensions*	Box #1 - 51.5x25x8" (131x64x20 cm) Box #2 - 21x21x7" (53x53x18 cm) Box #3 - 25x18x6" (64x46x15 cm) On Skid - 52x26x22" (132x96x51cm)	Box #1 - 27x21x7" (69x54x18 cm) Box #2 - 31x21x9" (79x54x23 cm) Box #3 - 36x31x8" (92x79x21 cm) Box #4 - 36x31x8" (92x79x21 cm) On Skid - 49"x37"x26" (125x94x66 cm)	25" x 48" x 35" (64 x 122 x 89 cm)	50" x 48" x 40" (127 x 122 x 102 cm)	70" x 42" x 58" (178 x 107 x 148 cm)	70" x 42" x 58" (178 x 107 x 148 cm)	Call for details	Call for details



1 in = 2.54 cm
1 lb = 0.454 kg

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