

DTG/WATER BASED INFRARED DRYERS

LITTLERED X-D SERIES

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

15 YEAR
HEATER WARRANTY



LR-X1D-30



LR-X2D-30



LR-X3D-54



LR-X3D-78

LittleRed Digital 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 and LR-X3D-54-2 can handle higher production including longer times necessary for Kornit printers.

CE CERTIFIED
BY CERTIFICATION EXPERTS
THE NETHERLANDS

| | LittleRed X1-D | | LittleRed X2-D | | LittleRed X3-D | | |
|---------------------------------------|--------------------|----------------------|----------------------|---------------------|-----------------------|-------------------------|--|
| | LR-X1D-18 | LR-X1D-30 | LR-X2D-30 | LR-X3D-30 | LR-X3D-54 | LR-X3D-78 | |
| Total Wattage | 2,280w | 4,050w | 6,300w | 8,900w | 17,800w | 26,700w | |
| Belt Width | 18" (46 cm) | 30" (76 cm) | 30" (76 cm) | 30" (76 cm) | 54" (137 cm) | 78" (198 cm) | |
| Heater Width | 18" (46 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 48" (122 cm) | 72" (183 cm) | |
| Conveyor Length | 48" (122 cm) | 48" (122 cm) | 66" (168 cm) | 88" (224 cm) | 88" (224 cm) | 102" (260 cm) | |
| Chamber Length | 18" (46 cm) | 18" (46 cm) | 27" (69 cm) | 41" (104 cm) | 41" (104 cm) | 41" (104 cm) | |
| Powered Exhaust | 177 CFM (5 CMM) | 280 CFM (7.9 CMM) | 280 CFM (7.9 CMM) | 388 CFM (11 CMM) | 550 CFM (15.6 CMM) | 1,100 CFM (31.2 CMM) | |
| Cure Times* | | | | | | | |
| Plastisol @ 25 secs | 162+/hr | 162+/hr | 240+/hr | 360+/hr | 720+/hr | 1,080+/hr | |
| Waterbased/Discharge @ 50 secs | 81+/hr | 81+/hr | 122+/hr | 185+/hr | 370+/hr | 555+/hr | |
| Digital White Ink* | | | | | | | |
| @ 2 min. | 34/hr | 34/hr | 51/hr | 77/hr | 154/hr | 231/hr | |
| @ 3 min. | 23/hr | 23/hr | 34/hr | 51/hr | 103/hr | 155/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 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
- Donut Probe
- UL and ULc Certified

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

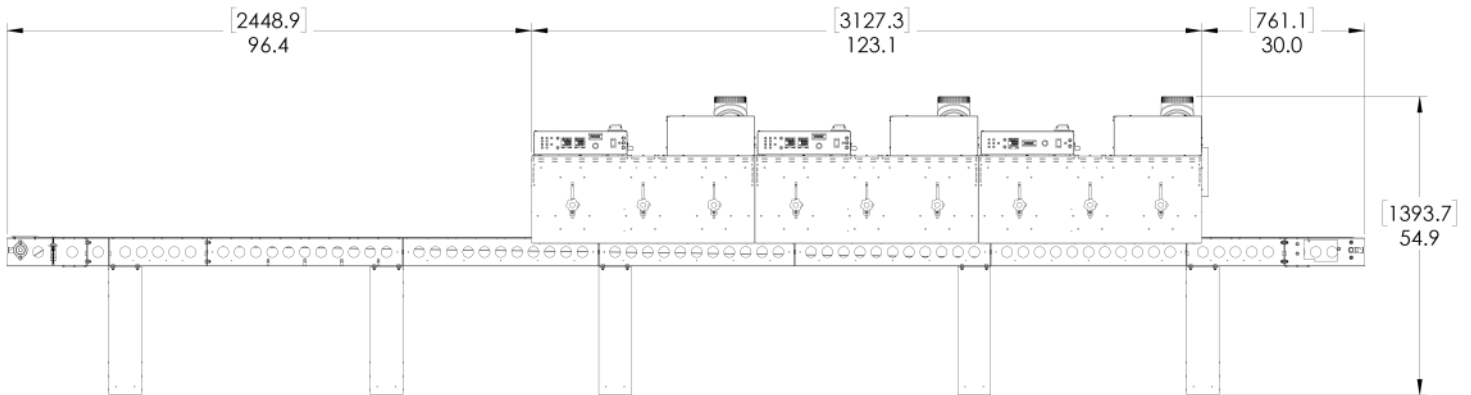


LittleRed XD Series

Technical Specifications



| | LR-X1D-18 | LR-X1D-30 | LR-X2D-30 | LR-X3D-30 | LR-X3D-30-2 | LR-X3D-54 | LR-X3D-54-2 | LR-X3D-78 |
|--|--|---|--|--|--|--|---|--|
| 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 @ 25 secs | 162+ | 162+ | 240+ | 360+ | 720+ | 720+ | 1,440+ | 1,080+ |
| Shirts/hr wb/discharge @50 secs | 81+ | 81+ | 122+ | 185+ | 370+ | 370+ | 720+ | 555+ |
| Shirts/hr DTG/digital | 34 @ 2 min. 27 @ 2.5 min. 23 @ 3 min. | 34 @ 2 min. 27 @ 2.5 min. 23 @ 3 min. | 51 @ 2 min. 40 @ 2.5 min. 34 @ 3 min. | 77 @ 2 min. 61 @ 2.5 min. 51 @ 3 min. | 144 @ 2 min. 122 @ 2.5 min. 102 @ 3 min. 51 @ 6 min | 154 @ 2 min. 123 @ 2.5 min. 103 @ 3 min. | 308 @ 2 min. 226 @ 2.5 min. 206 @ 3 min. 102 @ 6 min | 231 @ 2 min. 185 @ 2.5 min. 155 @ 3 min. |
| 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) | 0.7-9.3 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) | 0.7-9.3 FPM* (0.2-2.8 MPM) | 0.7-9.3 FPM* (0.2-2.8 MPM) |
| Belt Motor Torque | 100 in-lb | 100 in-lb | 100 in-lb | 100 in-lb | 100 in-lb | 100 in-lb | 100 in-lb | 100 in-lb |
| Exhaust (Free Air) | 177 CFM (5 CMM) | 280 CFM (7.9 CMM) | 280 CFM (7.9 CMM) | 388 CFM (11 CMM) | 776 CFM (22 CMM) | 550 CFM (15.6 CMM) | 1,100 CFM (31.2 CMM) | 1,100 CFM (31.2 CMM) |
| Exhaust Diameter | 3" (7.62 cm) | 6" (15.24 cm) | 6" (15.24 cm) | 4" (10.16 cm) | 4" (10.16 cm) | 6" (15.24 cm) | 6" (15.24 cm) | 2 @ 6" (15.24 cm) |
| Overall Length | 48" (122 cm) | 48" (122 cm) | 66" (168 cm) | 88" (224 cm) | 142" (361 cm) | 88" (224 cm) | 142" (361 cm) | 102" (260 cm) |
| Overall Width | 30" (76 cm) | 41" (105 cm) | 41" (105 cm) | 41" (105 cm) | 41" (105 cm) | 65" (166 cm) | 65" (166 cm) | 89" (226 cm) |
| Overall Height | 50" (127 cm) | 50" (127 cm) | 50" (127 cm) | 50" (127 cm) | 50" (127 cm) | 50" (127 cm) | 50" (127 cm) | 54" (137 cm) |
| Belt Width | 18" (46 cm) | 30" (76cm) | 30" (76cm) | 30" (76cm) | 30" (76cm) | 54" (137cm) | 54" (137cm) | 78" (198 cm) |
| Chamber Length | 18" (46 cm) | 18" (46 cm) | 27"(69cm) | 41"(104cm) | 82"(210cm) | 41"(104cm) | 82"(210cm) | 41"(104cm) |
| Chamber Infeed Width | 21" (53 cm) | 33.5" (85 cm) | 33.5" (85 cm) | 33.5" (85 cm) | 33.5" (85 cm) | 57.5" (146 cm) | 57.5" (146 cm) | 81.5" (207 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 (at spec voltage) | 0-900F* (0-482C*) @ 240V 0-1150F* (621C*) - booster | 0-800F* (0-427C*) @ 240V 0-900F* (482C*) - booster | 0-900F* (0-482C*) @ 240V 0-1150F* (621C*) - booster | 0-900F* (0-482C*) @ 240V 0-1150F* (621C*) - booster | 0-900F* (0-482C*) @ 240V 0-1150F* (621C*) - booster | 0-900F* (0-482C*) @ 240V 0-1150F* (621C*) - booster | 0-900F* (0-482C*) @ 240V 0-1150F* (621C*) - booster | 0-900F* (0-482C*) @ 240V 0-1150F* (621C*) - booster |
| Heater Size | 16" x 18" (40 x 45 cm) | 16" x 24" (40 x 61 cm) | 12" x 24" (30 x 61 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 72" (30 x 183 cm) |
| Total Wattage | 2,280 Watts Total | 4,050 Watts Total | 6,300 Watts Total | 8,900 Watts Total | 16,700 Watts Total | 17,800 Watts Total | 33,400 Watts Total | 26,700 Watts Total |
| Cost/hr to operate based on 10 cents/kwh | 23 cents | 41 cents | 63 cents | 89 cents | \$1.67 | \$1.78 | \$3.34 | \$2.67 |
| Electrical Specs** Chamber | 240V / 12.5A / 1 Ph. / NEMA 6-15P | 240V / 16A / 1 Ph. / NEMA 6-20P | 240V / 27A / 1 Ph. / 3 wire 50/60HZ | 240V / 38A / 1 Ph. / 3 wire 50/60HZ | 240V / 72A / 1 Ph. / 3 wire 50/60HZ | 240V / 78A / 1 Ph. / 3 wire 50/60HZ or 240V / 45A / 3 Ph. / 4 wire 50/60HZ | 240V / 146A / 1 Ph. / 3 wire 50/60HZ or 240V / 85A / 3 Ph. / 4 wire 50/60HZ | 240V / 68A / 3 Ph. / 4 wire 50/60HZ 1 Ph. N/A |
| Electrical Connection | 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 208 / 380 | | | | | | | |
| Unit Weight | 172 lbs (78 kg) | 220 lbs (100 kg) | 304 lbs (137.9 kb) | 424 lbs (193 kg) | Call for details | 636 lbs (289 kg) | Call for details | 850 lbs (385.6 kg) |



LittleRed dryers can be customized to meet just about any application or production needs.
Shown above is a 3 chamber LittleRed X3-D with additional conveyor extensions for longer infeed.

*0.3-2.9 FPM (0.1-0.9 MPM) with optional creeper gear