Premium Infrared Conveyor Dryers

- **15 Year Heater Warranty**
- **Adjustable Heater Height**
- **Digital Belt Speed and Temperature Control**
- **Power Exhaust**
- **Fully Expandable Heat Chamber and Conveyor**

CE CERTIFIED
BY CERTIFICATION EXPERTS
THE NETHERLANDS

ECONORED I

190 pcs/hr
4,300w (4.3kW)
30” (76cm) belt
66” (168cm) long

EC-I-30

380 pcs/hr
8,600w (8.6kW)
54” (137cm) belt
66” (168cm) long

EC-I-54

ECONORED II

300 pcs/hr
7,200w (7.2kW)
30” (76cm) belt
87” (221cm) long

EC-II-30

600 pcs/hr
14,400w (14.4kW)
54” (137cm) belt
87” (221cm) long

EC-II-54

BIGRED

3 Heaters
10,800w (10.8kW)

4 Heaters
14,400w (14.4kW)

BRV-30

475 pcs/hr
30” (76cm) belt
105” (267cm) long

3 Heaters
21,600w (21.6kW)

4 Heaters
28,800w (28.8kW)

BRV-54

950 pcs/hr
54” (137cm) belt
105” (267cm) long

Entry/Mid-level Infrared Conveyor Dryers

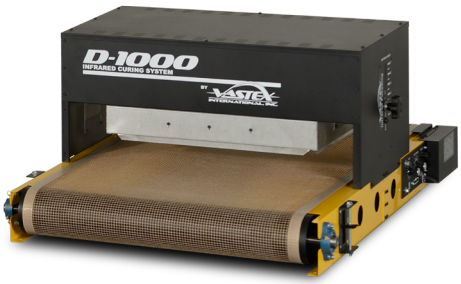
- **15 Year Heater Warranty**
- **Adjustable, Tilting Heater Height**
- **Adjustable Belt Speed and Temperature Control**
- **Fully Expandable Heat Chamber and Conveyor**
- **Compact Size**

CE CERTIFIED
BY CERTIFICATION EXPERTS
THE NETHERLANDS

D1-SERIES

110 pcs/hr
1,625w (1.625kW)
18” (46cm) belt
46” (117cm) long

D-100



110 pcs/hr
2,050w (2.05kW)
26” (66cm) belt
46” (117cm) long

D-1000

DB-SERIES

125 pcs/hr
2,000w (2kW) @ 120V
2,600w (2.6kW) @240V
30” (76cm) belt
48” (122cm) long

DB-30

250 pcs/hr
5,200w (5.2kW)
30” (76cm) belt
84” (213cm) long

DB-II-30

DRYER ACCESSORIES

S-100

Stand with Wheels for D-100/D-1000

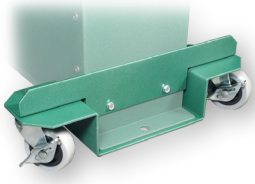
EC-EX

30” wide

EC-EX54

54” wide

Exhaust hood for any brand conveyor dryer.



WS-E-DD

Heavy Duty Drop Down Wheels

Chamber and conveyor extensions available. Call today for pricing and details.

Questions?? CALL 800-935-2121

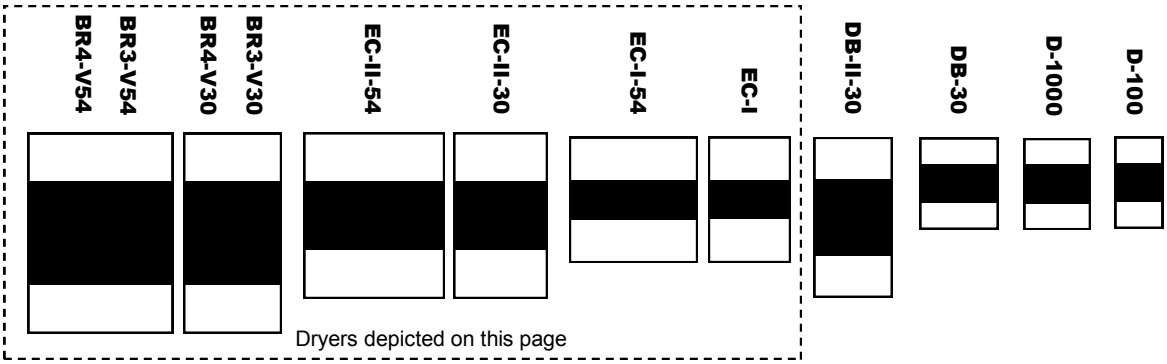
EC-I, EC-II, & BigRed

Technical Specifications

TUV-ISO 9001-2000 Compliant	EC-I	EC-I-54	EC-II-30	EC-II-54	BR3-V30	BR4-V30	BR3-V54	BR4-V54
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 / Chamber (Plastisol) (Waterbased/Discharge)	190+ 65+	380+ 130+	300+ 100+	600+ 200+	475+ 175+	475+ 200+	950+ 350+	950+ 400+
Belt Speed	0-12 FPM (0-3.6 MPM)	0-12 FPM (0-3.6 MPM)	0-16 FPM (0-4.9 MPM)	0-16 FPM (0-4.9 MPM)	0-16 FPM (0-4.9 MPM)	1-10.5 FPM (0-3.2 MPM)	0-16 FPM (0-4.9 MPM)	1-10.5 FPM (0-3.2 MPM)
Exhaust (Free Air) (Optional on DB-30)	177 CFM (5 CMM)	177 CFM (5 CMM)	290 CFM (8 CMM)	290 CFM (8 CMM)	450 CFM (12.7CMM)	450 CFM (12.7 CMM)	550 CFM (15.6 CMM)	550 CFM (15.6 CMM)
Exhaust Stack Diameter	3" (7.62 cm)	3" (7.62 cm)	4" (10.16 cm)	4" (10.16 cm)	6" (15.24 cm)	6" (15.24 cm)	6" (15.24 cm)	6" (15.24 cm)
Overall Length	66" (168 cm)	66" (168 cm)	87" (221 cm)	87" (221 cm)	105" (267 cm)	105" (267 cm)	105" (267 cm)	105" (267 cm)
Overall Width	43" (109 cm)	67" (170.2 cm)	49" (124 cm)	73.5" (187 cm)	51.2" (130 cm)	51.2" (130 cm)	75.7" (192 cm)	75.7" (192 cm)
Overall Height	46" (117 cm)	46" (117 cm)	53" (135 cm)	53" (135 cm)	57.3" (145.5 cm)	57.3" (145.5 cm)	57.3" (145.5 cm)	57.3" (145.5 cm)
Belt Width	30" (76 cm)	54" (137 cm)	30" (76 cm)	54" (137 cm)	30" (76 cm)	30" (76 cm)	54" (137 cm)	54" (137 cm)
Chamber Length	20" (51 cm)	20" (51 cm)	36" (91 cm)	36" (91 cm)	54" (137cm)	54" (137cm)	54" (137cm)	54" (137 cm)
Chamber Infeed Width	34.5" (88 cm)	58.5" (149 cm)	34.5" (88 cm)	58.5" (149 cm)	34.5" (88 cm)	34.5" (88 cm)	58.5" (149 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)	0-900 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	0-900 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
Heater Size & Standard Wattage	18" x 24" (46 x 61 cm) 1 @ 4,300Watts	18" x 24" (46 x 61 cm) 2 @ 4,300 Watts = 8,600 Watts	12" x 24" (30 x 61 cm) 2 @ 3,600 = 7,200 Watts	12" x 48" (30 x 122 cm) 2 @ 7,200 = 14,400 Watts	12" x 24" (30 x 61 cm) 3 @ 3,600 = 10,800 Watts	12" x 24" (30 x 61 cm) 4 @ 3,600 = 14,400 Watts	12" x 48" (30 x 122 cm) 3 @ 7,200 = 21,600 Watts	12" x 48" (30 x 122 cm) 4 @ 7,200 = 28,800 Watts
Cost / hour to operate based on 10 cents / kwh	43 cents	86 cents	72 cents	$1.44	$1.08	$1.44	$2.16	$2.88
Electrical Specs **Chamber**	240V / 19A / 1 Ph. / 3 wire 50/60HZ	240V / 37A / 1Ph. / 3 wire 50/60HZ	240V / 32A / 1 Ph. / 3 wire 50/60HZ	240V / 64A / 1 Ph. / 3 wire 50/60HZ	240V / 50A / 1 Ph. / 3 wire 50/60 HZ	240V / 67A / 1 Ph. / 3 wire 50/60HZ	240V / 59A / 3Ph. / 4 wire / 50/60 HZ	240V / 76A / 3 Ph. / 4 wire 50/60HZ
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.**							
Optional Chamber Power **Also available in 380 / 440 / 480**	—	—	240V/ 19A / 3 Ph. / 4 wire / 50/60HZ	240V/ 37A / 3 Ph. / 4 wire / 50/60HZ	240V / 29A / 3Ph. / 4 wire / 50/60 HZ	240V / 40A / 3 Ph. / 4 wire 50/60HZ	240V / 97A / 1 Ph. / 3 wire 50/60HZ	—
Scrub Air Option	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	—	—	—	—	—	—
Shipping Weight*	408 lbs (185 kg)	626 lbs (284 kg)	647 lbs (293 kg)	988 lbs (448 kg)	896 lbs (407 kg)	975 lbs (442 kg)	1349 lbs (612 kg)	1399 lbs (635 kg)
Shipping Dimensions*	38" x 48" x 41" 97 x 122 x 104 cm	74" x 38" x 41" 188 x 97 x 104 cm	53" x 43" x 60" (135 x 109 x 152 cm)	78" x 49" x 60" (198 x 125 x 153 cm)	61" x 58" x 64" (155 x 148 x 163 cm)	61" x 58" x 64" (155 x 148 x 163 cm)	81" x 65" x 64" (206 x 165 x 163 cm)	81" x 65" x 64" (206 x 165 x 163 cm)

1 in = 2.54 cm
1 lb = 0.454 kg

Dryer foot print comparison chart, shown to scale



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

Questions?? CALL 800-935-2121

EC BR Specs_0415

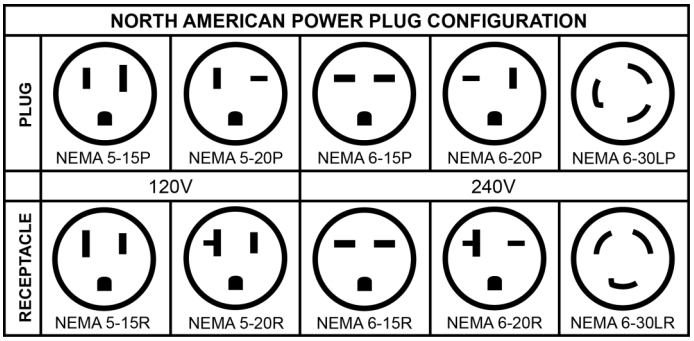
D-100, D-1000 & Dribox Series

Technical Specifications

TUV-ISO 9001-2000 Compliant	D-100	D-1000	DB-30	DB-II-30
Heater Warranty	15 Year	15 Year	15 Year	15 Year
Defect Warranty	3 Year	3 Year	3 Year	3 Year
Shirts/Hour (Plastisol)* (Waterbased/Discharge)*	110+ 50+	110+ 50+	125+ 40+	250+ 80+
Belt Speed	0-12 FPM (0-3.6 MPM)	0-12 FPM (0-3.6 MPM)	0-12 FPM (0-3.6 MPM)	0-12 FPM (0-3.6 MPM)
Internal Parts Material	Heat resistant aluminum coated steel	Heat resistant aluminum coated steel	Heat resistant aluminum coated steel	Heat resistant aluminum coated steel
Exhaust (Free Air) ***Optional***	n/a	n/a	200 CFM (5.6 MFM)	200 CFM (5.6 MFM)
Exhaust Stack Diameter	n/a	n/a	4" (10.16cm)	4" (10.16cm)
Overall Length (Minimum)	46" (117 cm)	46" (117 cm)	48" (122 cm)	84" (213 cm)
Overall Width	24" (61 cm)	32" (81 cm)	41" (104 cm)	41" (104 cm)
Overall Height	24" (61 cm)	24" (61 cm)	49.5" (126 cm)	49.5" (126 cm)
Belt Width	18" (45.7 cm)	26" (66 cm)	30" (76 cm)	30" (76 cm)
Heat Chamber Length	18" (45.7 cm)	18" (45.7 cm)	20" (51 cm)	40" (102 cm)
Chamber Infeed Width	19.5" (49.5 cm)	27.75" (70.5 cm)	33.5" (85 cm)	33.5" (85 cm)
Chamber Infeed Height	2" - 7" (5 - 17.7 cm) adjustable	2" - 7" (5 - 17.7 cm) adjustable	2" - 7" (5 - 17.7 cm) adjustable	2" - 7" (5 - 17.7 cm) adjustable
Heater Size	16" x 16" (40.6 x 40.6 cm)	16" x 20" (30 x 50.8 cm)	12" x 24" (30 x 61 cm)	2 @ 12" x 24" (30 x 61 cm)
Heat Range (@ Heater)	0-750 F° (0-399 C°) @ 120V or 240V	0-750 F° (0-399 C°) @ 120V or 240V	0-900 F° (0-482 C°) @ 240V or 0-750 F° (0-399 C°) @ 120V	0-900 F° (0-482 C°) @ 240V (2,600W heater)
Heater Wattage	1,625 Watts	2,025 Watts	1 x 2,600 = 2,600 Watts @ 240V or 1 x 2,000 = 2,000 Watts @ 120V	2 x 2,600 = 5,200 Watts @ 240V
Cost to operate per hour (Based on 10 cents per kwh)	16 cents	20 cents	20 cents @ 120V 26 cents @ 240V	52 cents
***Electrical Power:* Chamber**	120V / 12.5A / NEMA 5-15P 240V / 6.5A / NEMA 6-15P	120V / 16.5A / NEMA 5-20P 240V / 8.2A / NEMA 6-15P	240V / 11A / 1 Phase / 2,600W / NEMA 6-15P	240V / 21.6A / 1 Ph. / 5,200W / NEMA L6-30 (Sold Separately)
Chamber Optional Voltage	n/a	n/a	120V / 16.5A / 1 Phase / 2,000W / NEMA 5-20P	n/a
Conveyor, X-Series	n/a	n/a	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	120V or 240V / 1A w/ grounded plug
Power Exhaust Option	n/a	n/a	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	120V or 240V / 1A w/ grounded plug
Scrub Air Option	n/a	n/a	120V / 1A / NEMA 5-15P Plug or 240V / 1A / NEMA 6-15P Plug	120V or 240V / 1A w/ grounded plug
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)	215 lbs (97.5 kg)	255 lbs (116 kg)	495 lb (225kg)
Shipping Dimensions**	Box #1 - 51.5x25x8" (131x64x20 cm) Box #2 - 21x21x7" (53x53 x18 cm) Box #3 - 25x18x6" (64x46x15 cm) On Skid—52x26x22" (132x96x51cm)	49" x 37" x 26" (125 x 94 x 66 cm)	25" x 48" x 35" (64 x 122 x 89 cm)	50" x 48" x 40" (127 x 122 x 102 cm)

1 in = 2.54 cm
1 lb = 0.454 kg

NORTH AMERICAN POWER PLUG CONFIGURATION



Kolor Matrix
Screen Print SuperStore

* Rated Shirts/hr are approximations and are based on certain conditions including humidity, image size, substrate material, etc..
**All shipping weights and dimensions are for continental US shipping only. Call for other shipping specifications.

MADE IN U.S.A.

VASTEX SCREEN PRINTING EQUIPMENT

Questions?? CALL 800-935-2121

DB D-SERIES_1213