

Electric Conveyor Dryer



The Copperhead Charge has combined the best curing technology with new innovation to create the ideal startup to medium size shop dryer that can handle all your curing needs.

The Charge's unique design can easily cure waterbase, plastisol, and DTG prints with its advanced airflow system and edge-to-edge heat chamber. Watch your productivity soar while you stay comfortable because of the Charge's Cool Skin technology that keeps the heat inside the dryer and the outside surface cool to touch. Patriot Belt™ with Sure Trak™ roller system helps to keep the belt in place. Digital belt speed readout makes it easy to duplicate conveyor dryer speed settings. Maintenance-free, brushless AC electric motor with variable-frequency drive provides reliable, accurate belt-speed control.

The dryer also includes a manual belt crank allowing operators to rotate the belt manually to remove shirts in-case of power outages. Maximize your efficiency, and handle all your curing needs with the Copperhead Charge Forced Air Conveyor Dryer.

FEATURES

- Slim design & construction
- Patriot belt™ with SureTrak™ roller system
- Available from 24 to 60" belt width & 6 to 16' heat chamber length
- Electric infrared plus forced-air curing technology for exceptional curing performance on a wide variety of inks
- Caster wheels for easy machine displacement
- Icon-based digital touchscreen control panel
- Advanced design ensures consistent temperature throughout the heat chamber
- Belt speed display reflects heat-chamber retention time, making it easy to match ink manufacturers' curing recommendations
- Real-time temperature data for consistent curing results

Find more information and where to buy at: www.mrprintglobal.com

Uniform Heating • Simplified Maintenance • Tool-Free Adjustments

The Charge's unique design can easily cure waterbase, plastisol, and DTG prints with its advanced airflow system and edge-to-edge curing capability.



Patriot Belt™ with Sure Trak™ roller system helps to keep the belt in place



Easy-to-reach filters, belt replacement & lubrication points

SPECIFICATIONS	CHARGE 24/6	CHARGE 24/12	CHARGE 36/6	CHARGE 36/12	CHARGE 48/8	CHARGE 48/16	CHARGE 60/8	CHARGE 60/16
Belt Width	61 cm (24")	61 cm (24")	91 cm (36")	91 cm (36")	122 cm (48")	122 cm (48")	152 cm (60")	152 cm (60")
Electrical Requirements¹	208-230, 1ph/3ph, 60A/48A, 50/60 Hz, 10.9 kW* (UL) 208-230, 3ph, 35A, 60 Hz, 10.9 kW (UL) 380-415 V, 3ph, 21A, 50 Hz, 10.9 kW (CE)	208-230, 3ph, 70A, 60 Hz, 21.7 kW (UL) 380-415 V, 3ph, 42A, 50 Hz, 21.7 kW (CE)	208-230, 1ph/3ph, 90A/70A, 60 Hz, 16.1kW* (UL) 208-230, 3ph, 51A, 60 Hz, 16.1kW (UL) 380-415 V, 3ph, 32 A, 50 Hz, 16.1 kW (CE)	208-230, 3ph, 101A, 60 Hz, 32 kW (UL) 380-415 V, 3ph, 62 A, 50 Hz, 32 kW (CE)	208-230, 3ph, 97A, 60 Hz, 30.7 kW 380-415 V, 3ph, 60 A, 50/60 Hz, 30.7 kW	208-230, 3ph, 192A, 60 Hz, 61 kW (UL) 380-415 V, 3ph, 116 A, 50/60 Hz, 61 kW (CE)	208-230, 3ph, 120A, 60 Hz, 38.1 kW (UL) 380-415 V, 3ph, 72.5 A, 50/60 Hz, 38.1 kW (CE)	208-230, 3ph, 238A, 60 Hz, 75.7 kW (UL) 380-415 V, 3ph, 145 A, 50/60 Hz, 75.7 kW (CE)
Exhaust Blower System^{2,3}	20 cm (7.9") : 8650 l/min (308 cfm) @ 1.32 mmwc (0.05"wc)	2 nos. x 20 cm (7.9") : 8650 l/min (308 cfm) @ 1.32 mmwc (0.05"wc)	20 cm (7.9") : 8650 l/min (308 cfm) @ 1.32 mmwc (0.05"wc)	2 nos. x 20 cm (7.9") : 8650 l/min (308 cfm) @ 1.32 mmwc (0.05"wc)	24 cm (9.8") : 14215 l/min (502 cfm) @ 2.0 mmwc (0.08"wc)	2 nos. x 24 cm (9.8") : 14215 l/min (502 cfm) @ 2.0 mmwc (0.08"wc)	24 cm (9.8") : 14215 l/min (502 cfm) @ 2.0 mmwc (0.08"wc)	2 nos. x 24 cm (9.8") : 14215 l/min (502 cfm) @ 2.0 mmwc (0.08"wc)
Heat Chamber Length	183 cm (72")	366 cm (144")	183 cm (72")	366 cm (144")	244 cm (96")	488 cm (192")	244 cm (96")	488 cm (192")
Overall Length	397 cm (156")	580 cm (228")	397 cm (156")	580 cm (228")	488 cm (192")	732 cm (288")	488 cm (192")	732 cm (288")
Overall Width	95 cm (37")	95 cm (37")	126 cm (50")	126 cm (50")	156.3 cm (61.5")	156 cm (61.5")	187 cm (73.5")	187 cm (73.5")
Overall Height	179 cm (71")	179 cm (71")	179 cm (71")	179 cm (71")	179.2 cm (70.6")	179 cm (70.6")	179 cm (70.6")	179 cm (70.6")
Radiant Panel	4	8	4	8	6	12	6	12
Total Machine Weight	641 kg (1413 lbs)	991 kg (2185 lbs)	745 kg (1642 lbs)	1320 kg (2910 lbs)	985 kg (2172 lbs)	1680 kg (3704 lbs)	1117 kg (2463 lbs)	1908 kg (4206 lbs)
Standard Infeed Length	122 cm (48")	122 cm (48")	122 cm (48")	122 cm (48")	122 cm (48")	122 cm (48")	122 cm (48")	122 cm (48")
Standard Outfeed Length	91 cm (36")	91 cm (36")	91 cm (36")	91 cm (36")	122 cm (48")	122 cm (48")	122 cm (48")	122 cm (48")

¹ Use uninterruptible power supply (UPS) to safeguard machine from voltage fluctuation out of main supply. If incoming voltage differs from the voltage(s) listed in the brochure, calculate amperage accordingly.

² Measured at the exhaust discharge port.

³ Static pressure.

* The mentioned requirements are for phase convertible dryer model.