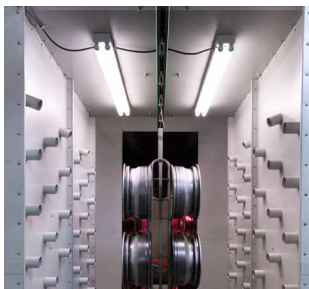


The QuikFLASH Tunnel



Electric Pre-cure Flash

The QuikFLASH Tunnel has become a popular solution to cramped finishing and manufacturing areas by compressing the overall required flash cycle to 1/5th the typical air flash time on most wet coat finishes.

The Emitter:

- Long life, conservatively engineered finned duct heater.
- Manufactured in our Caloritech™ facility in Orillia, Ontario under an internationally recognized ISO-9001:2000 quality management system.
- Offered in a variety of kW for exacting flash heat control:
 - 15kW, 20kW, 30kW, 40kW and 60kW.
- Offered in a variety of voltages (for field wiring):
 - 240V, 380V, 480V and 600V.

The Tunnel System:

- Designed and manufactured in standard 3 ft assemblies.
- Engineered air circulation with high efficiency blowers.
- Strategically located nozzle pattern, producing air discharge capabilities up to 2200 lineal fpm, with air temperatures at approximately 52°C (125°F); optimal ranges for an effective flash cycle.
- Designed for 90% recirculation of the heated air, allowing 10% exhaust with each cycle (via a 6-inch gravity exhaust system), for peak operating efficiency.
- Includes a user-friendly control package with all required components for safe and efficient operation of the tunnel system (see page 20 for complete explanation of the many QuikCOMMAND features).

The Uses and Benefits:

- The variety of available emitter wattages and voltages, along with standard assembly sizes, allows the QuikFLASH tunnel package to be one of the more versatile, yet affordable, in the DriQuik™ product line.
- The even heated air patterning produced through strategically located nozzles makes the QuikFLASH tunnel system popular on substrates with complex geometric part profiles.
- Significantly reduces required air flash times prior to the cure oven cycle, saving valuable floor space and conveyor time.
- Most effective in wet coat applications, particularly on porous substrates such as wood or plastic, where flash cycles are critical.

The QuikTAK Duster



Automated Final Tacking

The QuikTAK automated tacking system is custom designed to perform the efficient repeatable removal of both particulate contaminants and static charges from products that will be coated, immediately before the coating process.

The Duster System:

- Initial Blow-off
 - Engineered high velocity ionized air blow-off removes loose particulates and eliminates static charge on contaminants and product surface.
- Rotating ostrich feather duster wheel - Mechanically removes balance of particulate contaminants.
 - Develops a static charge due to the friction of its rotation against the surface of the product allowing the individual feather ends to hold the removed contaminants.
 - Contaminant laden feather ends further rotate and brush against a release bar.
- Vacuum Collector
 - After the feather releases the particulate, a high velocity air knife directs the contaminant into a vacuum air stream for collection.
- Final Blow-off
 - Parts receive a final blow-off with engineered high velocity ionized air knives to eliminate part static surface charge.
- Includes a user-friendly control package with all the required components for safe and efficient operation of the duster system (see page 20 for complete explanation of the many QuikCOMMAND features).

The Uses and Benefits:

- The QuikTAK system is engineered to address both the part configuration and the substrate type, and provides significant productivity increase.
- Tremendous reduction of labor requirement by successfully automating a manual step.
- Used extensively in the wood and plastic finishing industries where dust particles and static charges present serious impediments to the finishing process.
- Consistent and repeatable particulate contaminant removal immediately prior to coating application.

QuikTAK Duster & QuikFLASH Tunnel