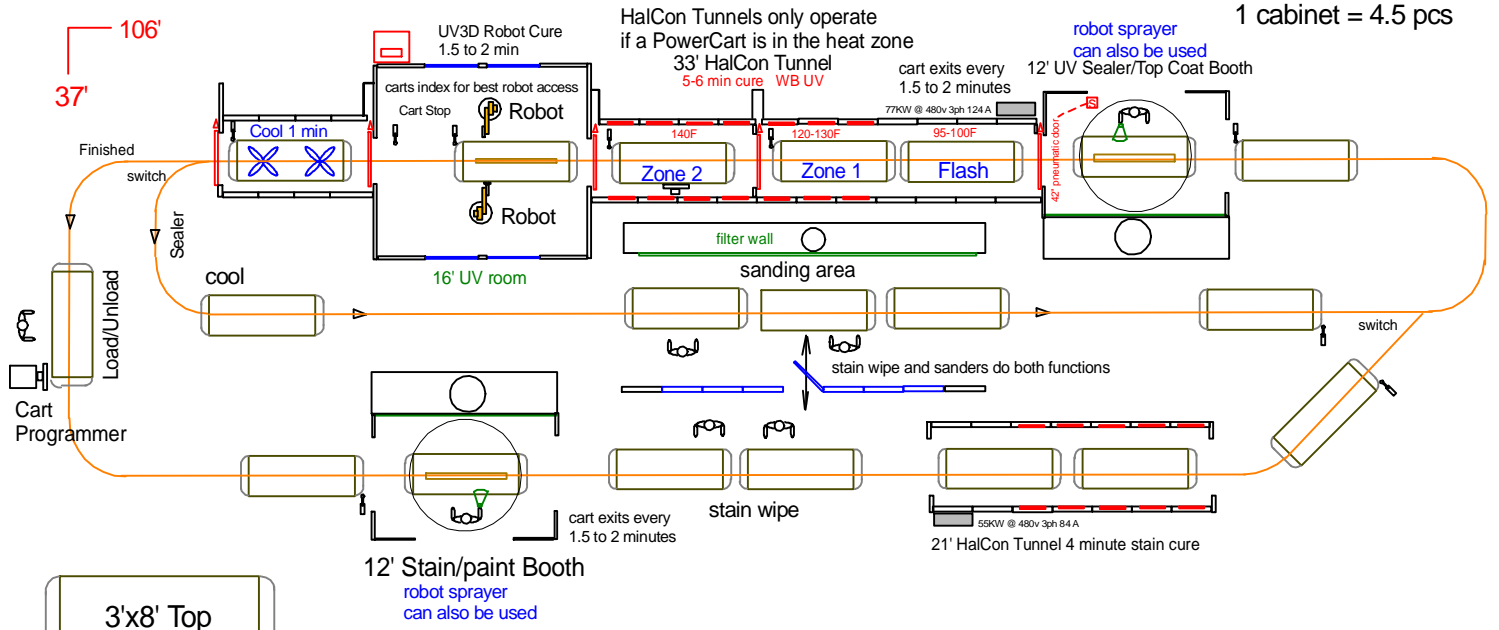
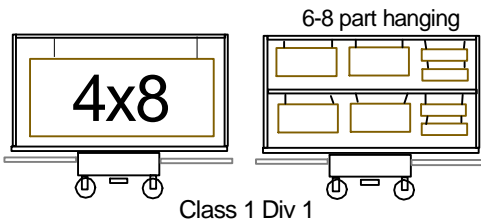


Flex Finish PowerCart Knockdown Kitchen Cabinet UV3D System

Flex Finish line uses 20 PowerCarts, 2 paint booths and 1 UV cure room to produce 942 to 1,256 finished 3 stage pieces or 209 to 280 cabinets per 7.5 hours. 2 Robots are used in the robotic UV room. UV Water based coating requires a 5 minute cure in the HalCon tunnel before entering the UV room. Cart programmer enters a program into the PowerCart which then instructs the HalCon tunnels and UV robots which cure program to run. You can use multiple types of coatings on the same line and have a separate glaze operation to run. The PowerCart will automatically switch tracks based on the program entered.



Direct Drive Gear Motor runs at 40 fpm and the battery is charged inside the tunnel

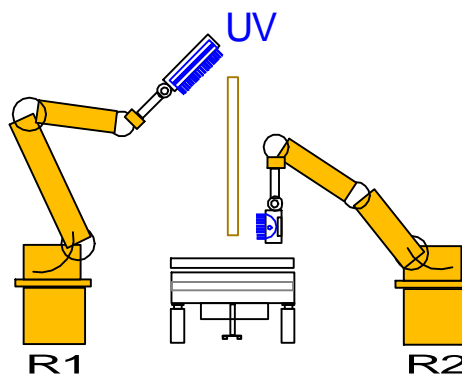
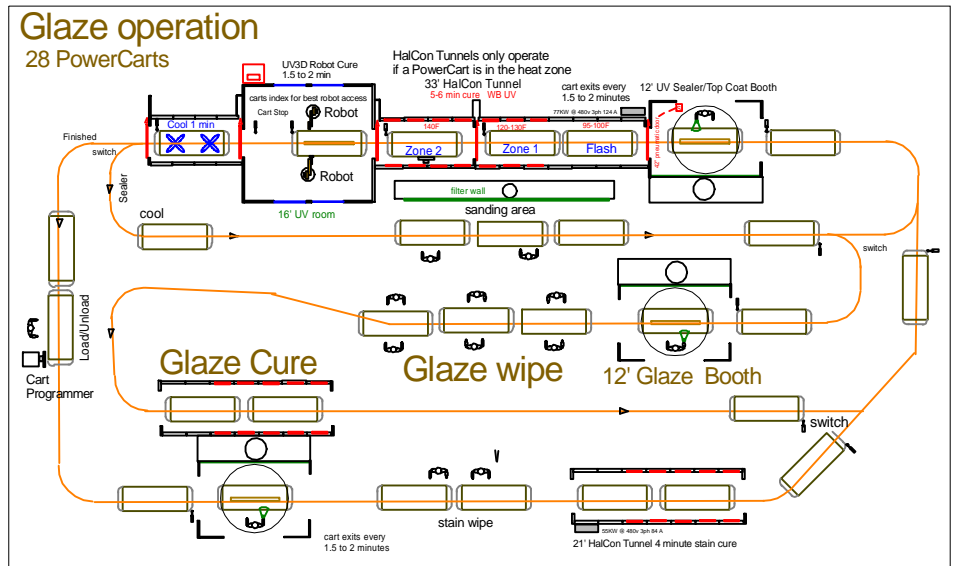


PowerCart communicates with the HalCon Tunnels and Robots to run the best program for the product. This allows you to use different paints on the line and the HalCon tunnels and robots will automatically adjust to the proper cure program.

42" Pneumatic doors are activated by the PowerCart seal the UV room

Finish Line Support

Prime Heat offers Finish Line monitoring and programming. With the internet, we can add and change programs, monitor all PowerCart activities and produce robotic programs and send them directly to your loading station and the robots. This also allows management to access and evaluate productivity at anytime and from any location. Anytime a new product is introduced to the finish line, send a drawing and we will program the line for it.



Robots can also be used in the Paint booth

UV WB Coating 5-6 minute Cure
Cure program
1 min air flash 110F
1.5 min Med. Wave 125F
2.5 min Short Wave 140F
UV @ 600MJ @ 4" per sec

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