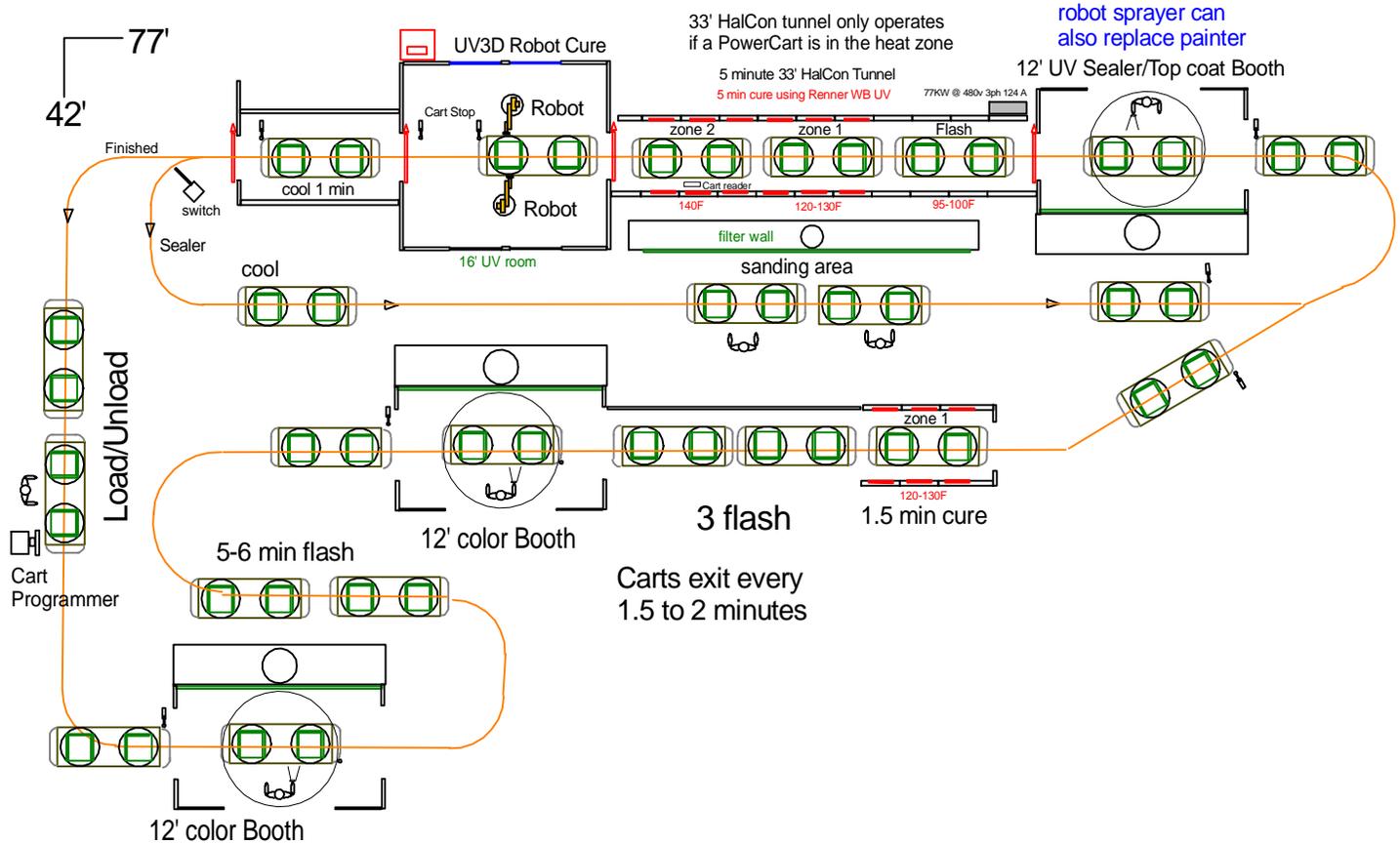


Flex Finish PowerCart UV3D Chair System

23 PowerCards produce 250 to 300 finished 3 stage UV cured chairs per 7.5 hours. 2 Robots are used in the UV3D cure chambers. Water based UV coating requires a 5 to 6 minute cure time before entering the robotic UV chamber. Cart programmer enters chair program into the PowerCart which then instructs the HalCon tunnels and the UV Robots which cure program to run. PowerCards exit the booth every 1.5 to 2 minutes.

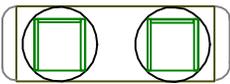


A 3 stage system will produce 400 to 450 chairs per 7.5 hrs

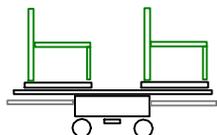
Finish Line Support

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 the Finish room 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.

3'x8' Top with 2 turn tables

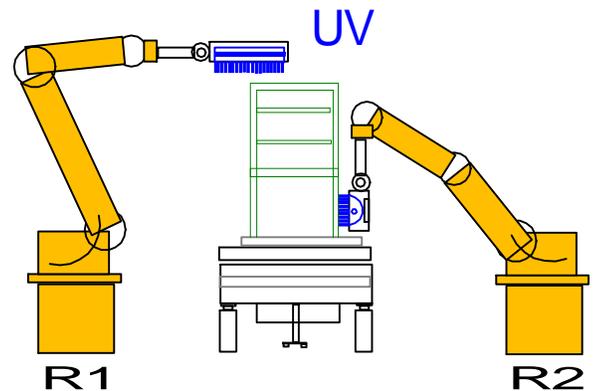


PowerCart communicates with the HalCon Tunnels and Robots to run the best program for the product. This allows you to use different paints on the line and the HalCon tunnels and robots will automatically adjust to the proper cure program.



Direct Drive Gear Motor runs at 40 fpm and battery is charged inside the tunnel
Class 1 Div 1 explosion proof

→
Pneumatic doors activated by the PowerCart



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

PRIME HEAT
SYSTEMS

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Made in the USA