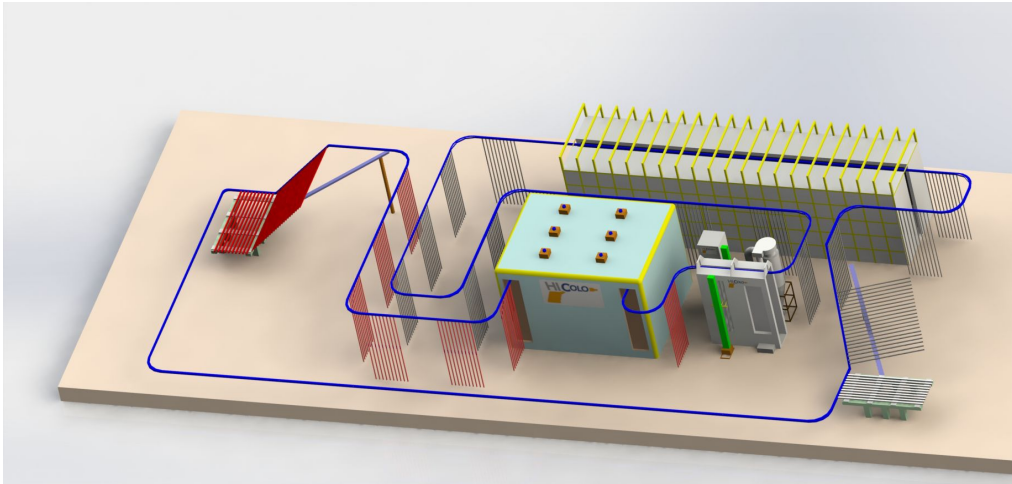




vertical Aluminum profile powder coating line

we supply full solution for aluminum surface finishing ,This type powder coating line is specially design for aluminum profile ,

The capacity can up to 1000 T to 2000T per month for 6m profile.



1,Uploading area



2, Energy Saving Pretreatment Washer spraying tunnel

A key of quality finishing component of the vertical powder coating system is the pretreatment spraying system. COLO design uses an innovative spraying style washer to provide high performance pretreatment of the aluminum extrusions

The spraying washer design eliminates the use of thousands of spray nozzles typically found inside the washer tunnel of a vertical coating line. The system uses low maintenance trays to direct the flow of each pretreatment stage down over the top of the extrusions similar to a waterfall. Using the system reduces the pretreatment chemical costs and saves water.

Spraying tunnel

Washing, degreasing



3, Fast color change powder booth with Mono-cyclone recovery system

Powder recovery and reclaim is accomplished using high efficiency cyclone technology allowing reclaim of high volume colors and spray to waste capabilities for short color run requirements. The high efficiency cyclone system can recover approximately 98% of the powder overspray and return it to the powder feed system for reuse.

The standard vertical powder booth design utilizes polyethylene booth sidewalls which are indexed downward for cleaning during the color change process. Complete color changes in the standard booth set-up can be performed by a single booth operator in less than 15 minutes.



Grating Sensor System let the whole powder line More intelligent, digital valve control electrostatic spray gun system supply perfect spraying effect



4, Indirectly Heated Powder Cure Oven ensure high curing quality

After application of the powder coatings, the aluminum extrusions proceed to an indirectly heated convection oven for a complete cure of the powder coatings. The natural gas fired ovens are very energy efficient in design and provide the optimum environment to cure the powder coatings. Indirectly heating the powder cure oven eliminates the concerns about possible contaminants from the burner and helps provide excellent control over the temperature profile within the oven.



5, Downloading area



COLO could offer the different powder coating solution according to your parts and requirements.

Welcome to contact us !

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