



Spraying tunnel



dip tank with Hoist



We also produce the different types of sandblasting machines that suitable for surface treatment of all products of metal.

For more details please visit our sandblasting equipment catalogue

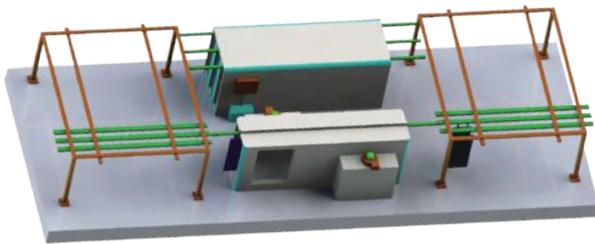
Layout Of Powder Coating Line For Your Special Request

Before design a powder coating line for you please supply below information:

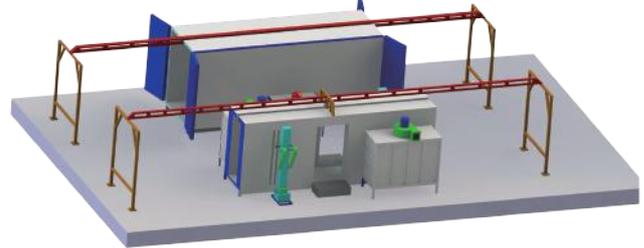
- Product name ,material , If possible sent photos
- The workpiece Max size(LxWxH), max weight, and output per 8hours. Or advise the line speed you need
- What kind of heating energy for oven, such as electricity, diesel, or gas energy
- How many kinds of powder colors
- What's the size (Length x Width x Height)of your workshop?Supply workshop drawing
- Advise industrial and living electricity voltage in your factory, single-phase220 v or three-phase 380/ 415 v

Manual coating plant process

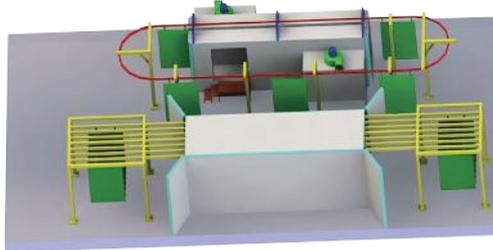
Manual powder coating plant, with overhead track or ground moveable trolley in powder coating booth and oven. Powder coating booth could be manual or automatic, oven is box type. Could choose different type according to different coating requirements. It is designed to handle special parts, such as complex and small quantity parts. The manual powder coating line also suitable for some first time use powder coating plant.



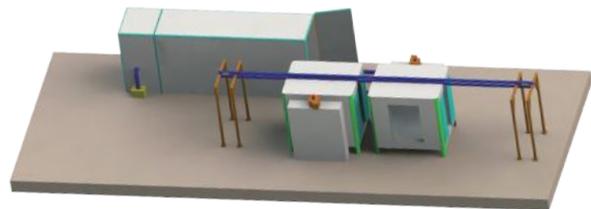
COLO-L-M01



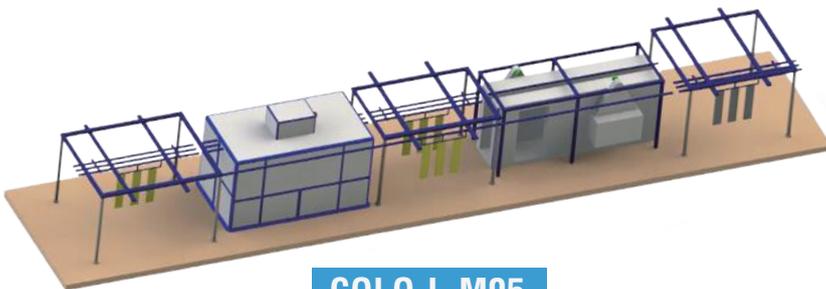
COLO-L-M02



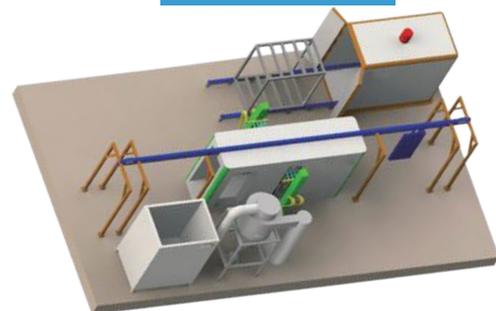
COLO-L-M03



COLO-L-M04



COLO-L-M05



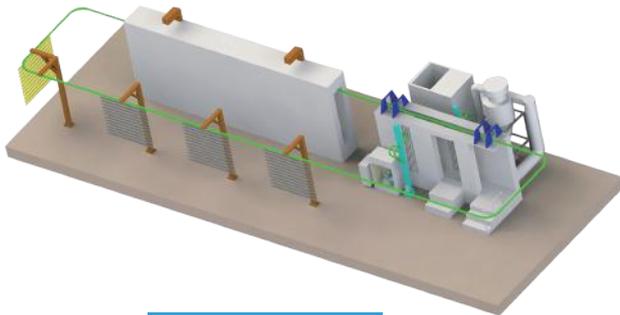
COLO-L-M06

COLO design, manufacture and install this manual powder coating plant in Malaysia for the 6m aluminum profile.



Traditional tunnel type

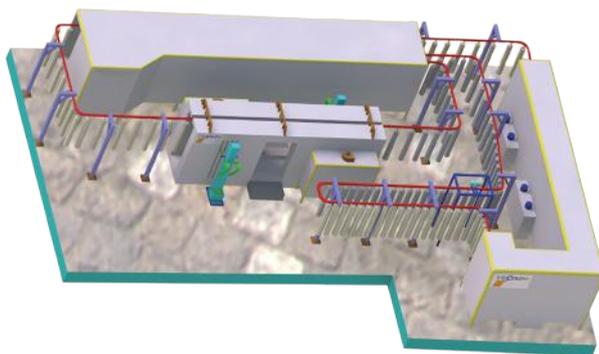
Normal single conveyor, tunnel oven. The part turn moves along with conveyor always, even turn the corner. The output capacity is bigger if the conveyor speed is faster, but the oven length will be longer accordingly.



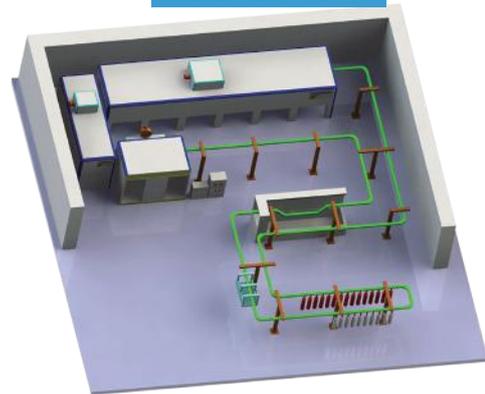
COLO-L-01



COLO-L-02



COLO-L-03



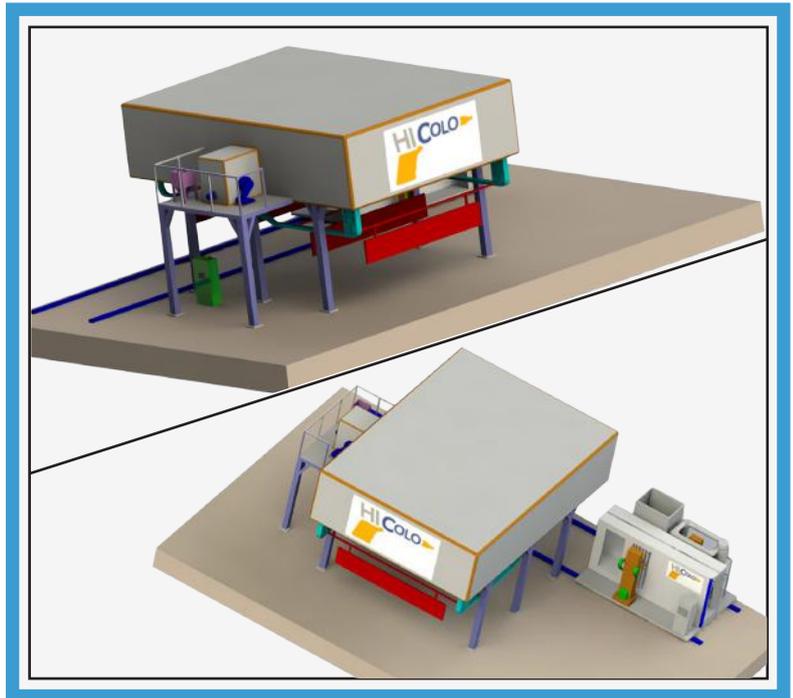
COLO-L-04

COLO design, manufacture and install this manual powder coating plant in Europe for the 3m*2m highway guardrail.



Compact Powder Coating Plant for Aluminum Profile

The conventional type Horizontal Powder Coating Plant it uses very long and big space and hence it is difficult for existing factories to consider production expansion. However, with Compact System, it only needs about 300 m² of land (15 x 20 meters) therefore it is ideal for factories having limiting space. (Space high at least 6m) The capacity of this design is limited about 3 -4 tons of profile in 8 hours.

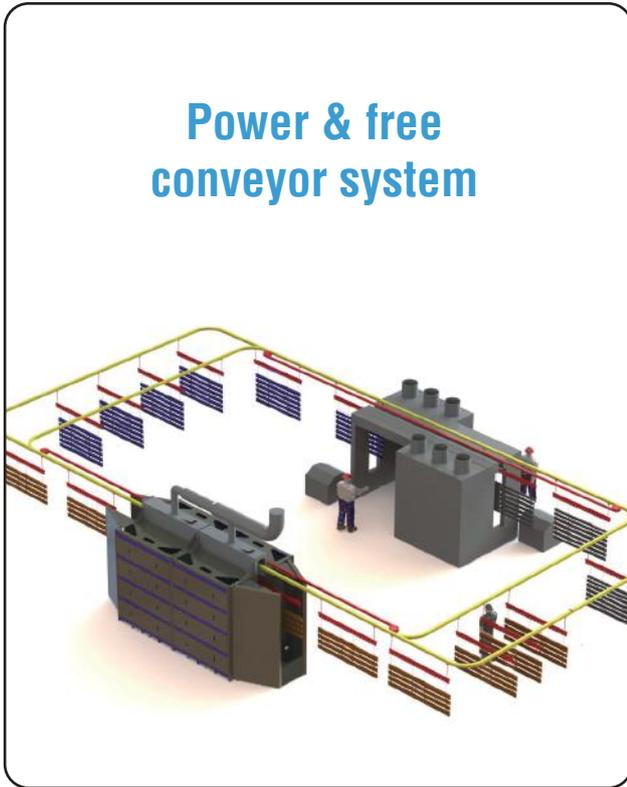


We designed, manufactured and installed this compact powder coating plant in Indonesia for the 6m aluminum profile.

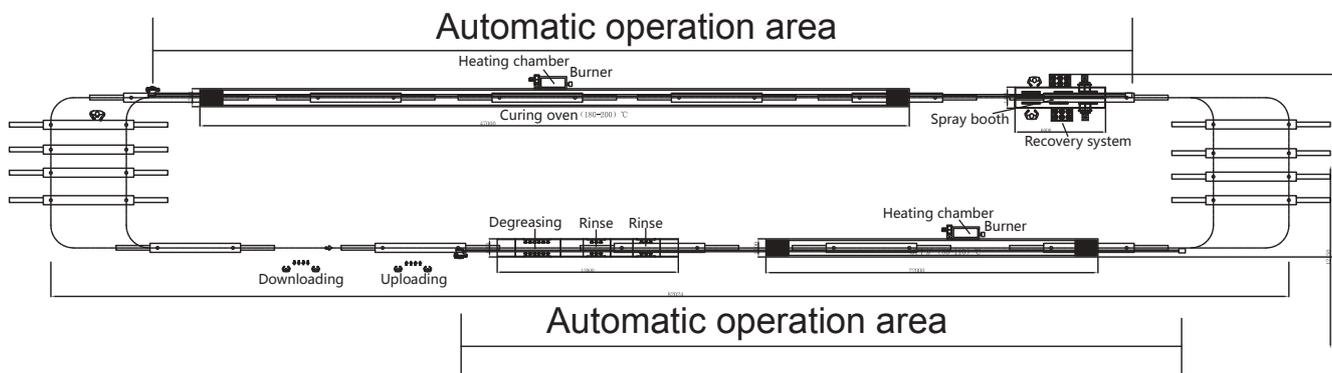


Conveyor system

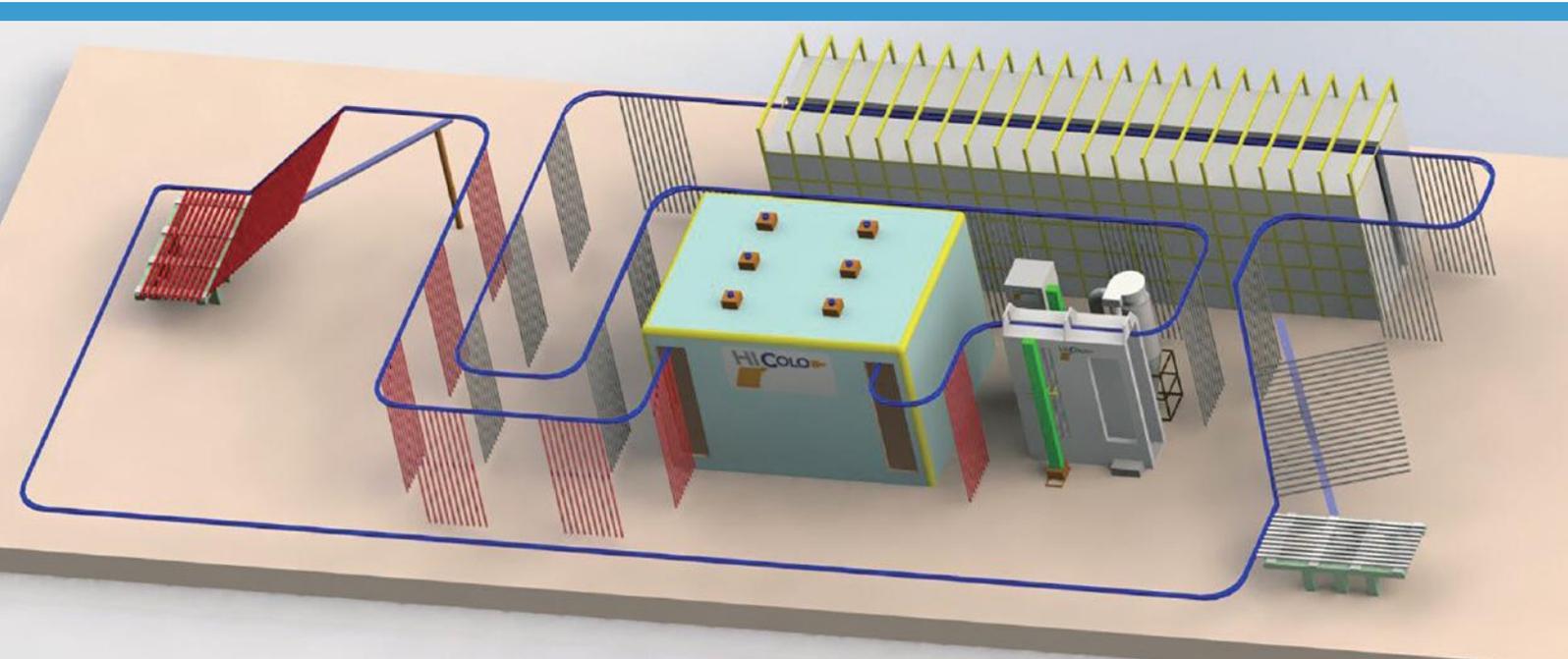
Power & free conveyor system



Power & free conveyor is highly automatic and integrative, which can stop individual loads without stopping the entire production line. The main conveyor is moving continuously, but another loading conveyor just move step by step, the output capacity can be very big if the main conveyor speed is fast, no need to enlarge the oven size. So it takes smaller space than the common tunnel oven design.



Vertical powder coating system provides high production capacity with the ability to economically powder coat aluminum profile in small runs with multiple powder color changes each shift. The system is designed to automatically powder coating aluminum profile in lengths up to 6m, could reach production 40-60 tons one day (8 hours).



Our engineer guided installation this powder coating plant in Saudi Arabia.





Chain (loading up to 12kgs/30kgs/50kgs/100kgs/250kgs or special weight)



150 type UH-50750HA



150 type UH-5075-S



200 Type



7075 standard chain



250 single hanger chain



X348 chain track combination



458 type with trolley



X458 chain hanging arm combination



Drive Unit



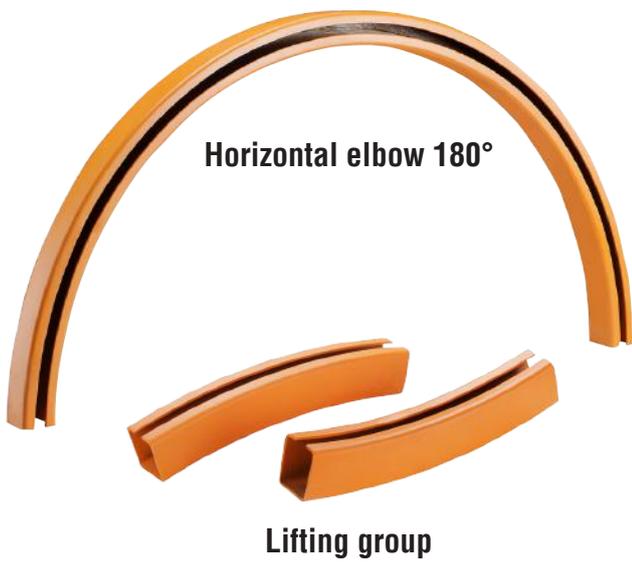
Tension Unit



Track



Control Unit



Spreader (custom design available)



Auto Lubricator for conveyor chain system



Manual oil cup