METAL MACHINE MANUFACTURER
MANUFACTURES MACHINES TO MAKE THE BEST OF GALVANIZING
WHAT WE PROVIDE?

TURNKEY PROJECTS

Turnkey galvanizing lines are designed and produced according to customers request.

- Design, manufacture and setup.
- High performance.
- On-time delivery

SURFACE TREATMENTS

The galvanizing process on the surfaces increases the performance of the raw material.

- More robust metals.
- Longer-lasting products.

ENVIRONMENTAL AND RECYCLING SYSTEMS

Reduce your costs with eco friendly projects.

- Environment- friendly production.
- Reduce costs thanks to recycling.

WHO WE ARE

Hot-Dip Galvanizing Line manufactures a different kind of high-quality hot-dip galvanizing machines with 57 years of experience. We provide optimal galvanizing services that exceed our clients’ project objectives.

ABOUT US

Our company has expertise mainly in the galvanizing plant manufacturing. We deliver effective corrosion protection solutions for steel structures that are guaranteed to last for a long time.
Hot-dip galvanizing is the process of coating iron or steel with a protective layer of zinc, which provides tough and metallurgically bonded coating when immersing the metal in a bath of molten zinc at a temperature of around 449 °C (840 °F).
WE ARE manufacturing galvanizing machines and WE OFFER TURNKEY galvanizing lines
HOT DIP GALVANIZING MACHINERY

Zinc is the base material of hot-dip galvanizing which only reacts on the chemically clean surface. The crystallized pattern appeared on the surface after the galvanizing process is called as a spangle. Hot-dip galvanizing may protect the material from corrosion for up to 40 years.
The waste gases in the closed acid chamber are sucked through the orifices on the side of the closing part and exhaust gases pass from the duct to the gas scrubber.
A baghouse filter is an air pollution control device designed to filter dust. Dust-laden gas enters the baghouse compartment, larger particles are dropped out into the hopper, and then smaller particles are collected by the filter bags. Finally, clean gas passes through the filter element.
CONVEYOR TRANSFER SYSTEM

Conveyor Transfer System has the capability to move the material through the galvanizing production line. This system consists of various horizontal and vertical transport devices with the roller chains, post lifters, and etc.
For an easy and fast operation, we provide the Mobile Loading and Unloading Units to dive and pull out the materials.
Degreasing, Pickling, Rinsing, Fluxing, Galvanizing and Quench tanks are the most used containers while hot-dip galvanizing bath. The steel is immersed in these tanks respectively and surface treatment process starts.
Fan capacities are calculated by the size of the droplets in the washed waste gas. The scrubber is made of acid-resistant polypropylene or HDPE material. The gas washing control is operated by program control.
Chemical pumps are mainly used for transferring and metering various chemical liquids from one kettle directly to another. The capacity of these pumps depends on the amount of the fluids.
Wet parts of the steel become dry in drying ovens. Drying Unit requires extra burners to allow its correct functioning.
Galvanizing Furnace with Kettle is an enclosed machine in which the material is heated to a high temperature. Heating can be affected by natural gas, oil, and electrical heating.
Heat Exchanger is a device that allows heat to pass from a fluid to another. But two fluids don’t mix. The heat energy is transferred from the hotter medium to the colder one through the plate between the channels.
Helping Equipment is an auxiliary machine for successful galvanizing operation. It consists of overhead cranes, centrifuge machines and etc.
TRANSFER CAR

Transfer Car provides the moving of load between parallel conveyor lanes. It gives you an opportunity for integrating storage and sequencing.
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