

A large industrial facility, likely a galvanizing plant, featuring a prominent red overhead crane system. The structure is composed of a complex network of steel beams and trusses. In the foreground, a long yellow conveyor or transport system is visible, bearing the ANI METAL logo and website. The background shows a large, white, corrugated metal structure, possibly a furnace or drying chamber, with yellow safety railings on an upper level. The overall scene is brightly lit, suggesting a well-maintained and active industrial environment.

ANI METAL

Engineered for Galvanizing

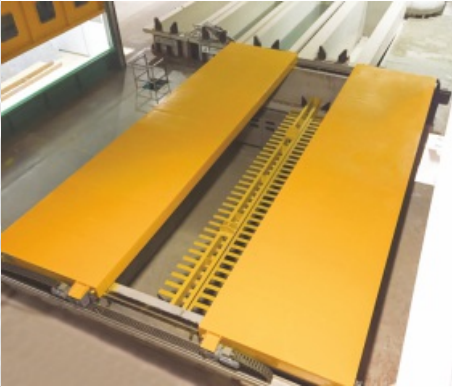
**DRIERS
AND HEAT
EXCHANGERS**

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DRIERS AND HEAT EXCHANGERS



Drier

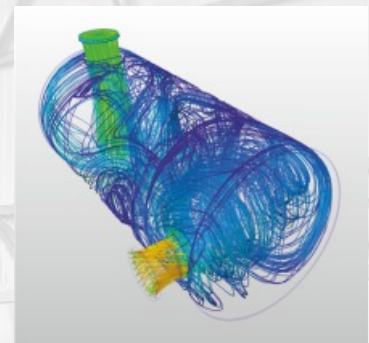
Reduces zinc splashes

Reduces zinc ash and galvanizing fumes

Reduces the risk of deformation of thin materials

Increases the process speed by faster dipping

- Heat resistant chain conveyor system
- Covers, strenghtened with profiles
- Ducts for blowing air
- Insulation: Rock wool
- Paint: Sand blasting, 1 layer of primer, 2 layers of epoxy paint, 120 microns
- Plenums
- High capacity circulation fan, with invertor and valves etc.
- Burner system, with valves etc.
- PLC controlled panel
- Thermocouple



Heat Exchanger for the Drier

Uses the excess energy of the galvanizing furnace to heat the drier. Hot air from the furnace passes inside of the stainless steel pipes and heats the air outside of the pipes, reducing the energy need of the drier.



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