

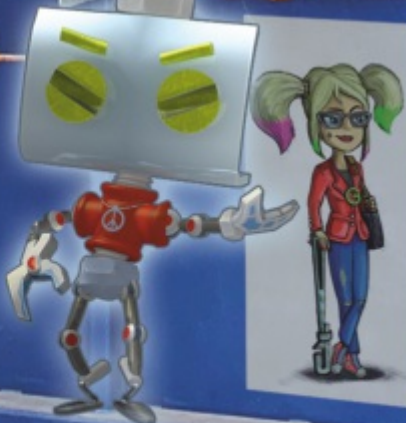
ANI METAL

Engineered for Galvanizing

KINGFIELD

KINGFIELD
TECHNOLOGIES & EQUIPMENT

**GALVANIZING
FURNACES**



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GALVANIZING FURNACES



- Fuel efficient high velocity combustion systems
- Reversible/change of direction combustion system to increase kettle life
- Extended furnace life - more than 20 years - without major refit
- Minimised heat loss with advanced insulation system
- Minimal number of burners and reduced components and maintenance with efficient burners
- Chamber pressure and temperature sensors
- Modular construction enabling kettle size change
- Turbo heat boost function
- 3 term PID control system for zinc and flue temperature control
- Optimised thermal efficiency and heat transfer
- Finite temperature control technology
- Gas, diesel or electrical heating systems
- Advanced safety systems
- Leak detection systems
- Auto heat up
- External Thermocouple
- PLC Control
- Exhaust damper
- Low NOx and CO Burners

Hybrid Furnace

Several combinations of plug and play features dependent upon the customer's requirements, available energy and energy source.

With green electricity produced from solar, wind or hydro power and now combining green hydrogen, the hybrid furnace design offers both electric & hydrogen fuel.

Furnace design to encompass many variations and combinations; like a furnace which is heated by green electric power through the day and then heated by green Hydrogen during the night! All this fully automated, monitored and controlled via our remote access Industry 4.0 digitalisation.



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