



ISO 9001:2008 Certified Company



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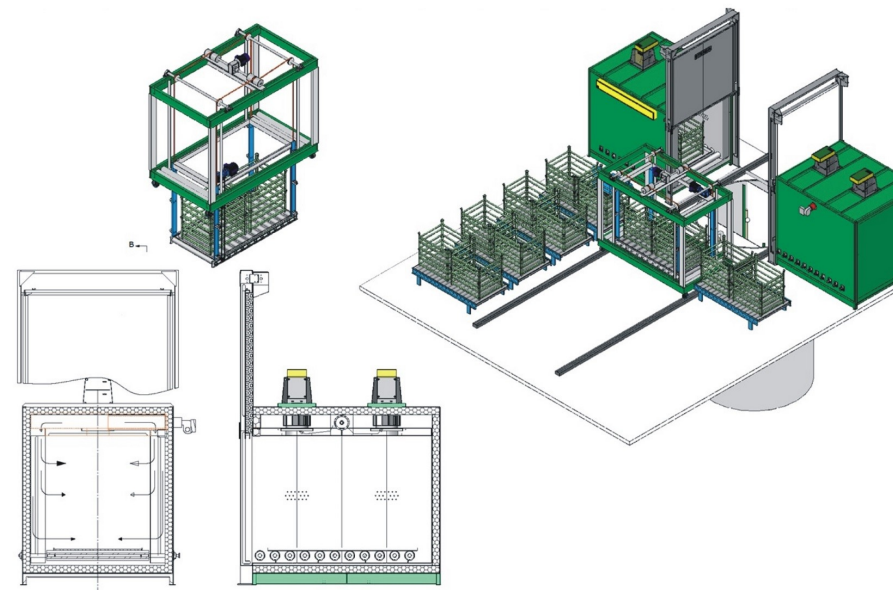


Silent Features:-

- Operates At High temperature 1250°C in Electric or Gas fired Furnace.
- Handling Capacity from 3000 kg up to 25,000 Kg/batch quantity.
- Robotic motion controlling system.
- PLC And SCADA Controlling. (Supervisory Computer Aided Data Acquisition)
- Rapid Robotic Quenching 10,000 KG Load in OIL or WATER or Polymer within 40 max. Seconds only.
- Robust and Sturdy Design.
- Repeatability, Accuracy and Controllable With cutting edge Technology like SCADA , Laser Sensors ,
- Encoders are Used for precision Motion & Position Control.
- X ,Y & Z Axis Movement.
- Jerk free operations
- High temperature resistance up to 1200 Degree C.
- Fastest Quenching in 20 to 50 seconds.
- **X Axis** - Side by side movement from one furnace to another or furnace to Hot job placement.
- **Y Axis** - forward & Backwards inside & out of Furnace.
- **Z Axis** - Upward & Downwards inside & out of Quenching tank for quenching mechanism.



Advanced Electrical and Gas Fired Heat Processing Technology for Metal Industries



Y & Z Axis - Rapid quenching Manipulator Systems

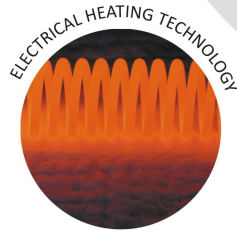
Main Features:

- Hot and cold job transferring mechanism.
- For Small Batch as well as continues operation. Capacity 50 kg up to 2000 Kg.
- Electro Mechanical Drive and Hydraulically operated.
- Y Axis - forward & Backwards inside & out of Furnace.
- Z Axis - Upward & Downwards inside & out of Quenching tank for quenching mechanism.

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- Y & Z Axis Movement.
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- High temperature resistance up to 1200 Degree C.
- Fastest Quenching in 20 to 50 seconds.
- Fitted On Quenching tank only.

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AFECO MANIPULATOR For RAPID QUENCHING

- AFECO has Indigenously developed “Rapid Quenching Rail Bound Manipulator” with Precision motion controlling X/Y/Z Axis & SCADA / PLC Controlling systems.
- It helped Indian Metal industries to control the process as per required quenching time delay.
- Lifting of Hot And Heavy Job was Never Been So Easy. AFECO Manipulator Can do it within fraction of Minute with Precision Motion Control.

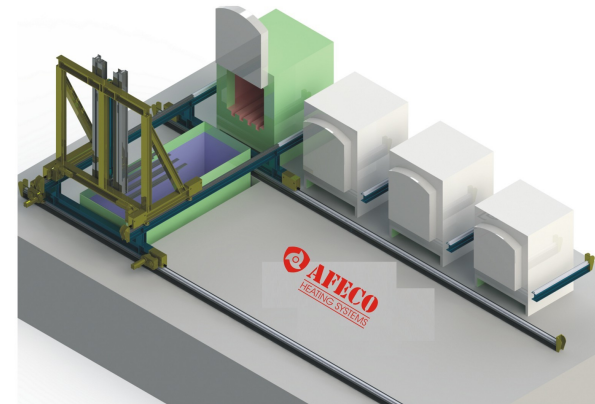
SOME OF OUR PARTNERS



AIMusbokat, KSA.
(Previously Known as
Steel Casting co.ltd,Jeddha,KSA)



Jinabakul Forge



X Y Z Axis - Manipulator Systems

Main Features:

- Hot and cold job transferring mechanism.
- Up to 25 MT Capacity.
- Electro mechanical Drive and Hydraulically operated.
- X Y Z Axis Motion.



Mfr.: Industrial Ovens, Furnaces
& Aluminum Scrap Recycling Plant

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