

*thermo Q*

## **TUBULAR HEAT EXCHANGER**



**METALINDO PRIMA ENGINEERING. pt**

## Product and Service

**Pt. Metalindo Prima Engineering**, designs, engineers and fabricates Shell & Tube Heat Exchangers.

We provide reliable, economic solutions for your process heat transfer requirements. Our skilled craftsmen with many years of experience have extensive knowledge in the manufacturing techniques required to produce quality heat transfer equipment.

### Industry Segments Serviced

- Chemical & Intermediates
- Fertilizers
- Food & Dairy
- Organic Batch Processing
- Petrochemical
- Pharmaceutical & Biotech
- Pulp & Paper



*Heat Exchanger*

### Various Kind of products install in our customer 's Chemical Plant

- Gas Processing
- Gas/Gas Exchangers, Gas Chillers
- Air Dryer
- Fractionation Reboilers, Regeneration Gas Coolers
- Converter Tower
- Sulphur Recovery Units
- Waste Heat Recovery
- Waste Heat Recovery Exchangers
- Gas Coolers, Lube Oil Coolers
- Inter / After Cooler



*Converter Tower*



*Gas Inter Cooler*

## Custom design

MPEngineering offers a full line of custom-designed and manufactured heat exchangers, including units for the petroleum, chemical, food processing and other industries. MPE will thermally size, design and select the materials for your exchanger at no extra charge. This includes common designs along with some of the more unique designs.

We can fabricate your exchanger out of a wide variety of materials. You can be confident with whatever configuration you choose, because all designs are thoroughly engineered and built to ASME code specifications



*Caramel Cooler*



*Citric Acid Cooler*

### Custom design

- Thermal Rating of new or the redesign or re-rating of existing exchangers
- TEMA C & R construction
- Fixed and Floating Head Designs
- U tube, straight tubes or finned double pipe
- Carbon steel, stainless steel or alloy materials
- Repair service , retubing
- Field service and on-site assistance
- Exchanger painting and insulation



*Heat Exchanger*



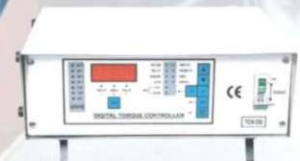
*U Tube Bundle*

## Retubing and Service

Pt. Metalindo Prima Engineering expertise with Tubular heat exchangers and Air cooled Heat Exchanger does not end with the design and manufacture of new units. If repairing an existing unit is more cost effective, whether it be in the field or in one of our plants, we has the expertise, experience and resources to get the job done. Repairs can be performed on all types of heat exchangers regardless of the original manufacturer.

From plugging , Repair and Remanufacture , to the removal of deposits by chemical cleaning, to rebuilding units from the ground up, we offers heat exchanger repair services to suit each customer and situation.

So, whether your situation calls for a heat exchanger retubing , a heat exchanger air or water cleaning , a chemical cleaning or a complete heat exchanger rebuild, contact us to get the job done right



### Our Retubing Tools

- Eddy Current Test
- Pressure testing
- Tube Cutting
- Hydraulic Tube Puller
- Hydraulic tube expansion
- Welding tube to tube sheet

## PT. METALINDO PRIMA ENGINEERING

Heat Transfer Equipment Engineering

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