

# **NISHA** Engineering Works



**28**  
YEARS  
of trust and loyalty

**Mfg. : Heat Exchanger, After Cooler, Inter Cooler, Condenser Chillers**

Factory : Plot No. 156/1, Kailashnagar Estate, Opp. New Tele. Exchange, F-Road, G.I.D.C., Vatva, Ahmedabad - 382445 Gujarat INDIA.

## About Nisha Engineering Works: Crafting Excellence Since 1995

### Introduction:

Established in 1995, Nisha Engineering Works has emerged as a distinguished manufacturer specializing in Oil Coolers, Shell and Tube Heat Exchangers, and various industrial heat exchange solutions. With an unwavering commitment to quality and precision engineering, we have become a trusted name in catering to the needs of industries such as Food & Pharmaceuticals, and Valve Manufacturing.

### Our Product Portfolio:

**Oil Coolers:** Offering a range of Oil Coolers for applications including Injection Moulding Machines, Hydraulic Power Packs, and Industrial purposes.

**Heat Exchangers:** Specializing in Shell and Tube Heat Exchangers, our products meet international quality standards.

**Condensers:** We excel in manufacturing Shell and Tube Condensers for diverse industrial requirements.

**Air Cooled Solutions:** Our expertise extends to Air Cooled Heat Exchangers, After Coolers, and other Air Equipments.

**Chillers and Coolers:** Providing efficient Industrial Chillers, Inter Coolers, and a variety of cooling solutions.

### Quality Assurance:

We take pride in the efficient use of quality materials such as copper, brass, CS, SS, and Cu/Ni metals. This dedication allows us to craft products that not only meet but exceed international quality standards. Our offerings are known for their corrosion resistance, precision engineering, and low maintenance requirements.

### State-of-the-Art Manufacturing:

Our modern manufacturing unit is equipped with cutting-edge machinery, including diameter drills, plasma drills, and CO2 welding machines. These resources empower us to meet the ever-growing demands of our esteemed clients. The combination of skilled professionals and advanced technology enables us to design a technically advanced range of products.

### Client Satisfaction:

Our clientele spans across industries, and we owe our success to the consistent efforts of our team in upgrading and enhancing our product range. By prioritizing client satisfaction, we have gained the trust and support of our customers.

### Team of Professionals:

Nisha Engineering Works is backed by a dedicated team of professionals who work collaboratively to ensure the design and delivery of top-notch products. Their expertise and commitment contribute significantly to our success.

At Nisha Engineering Works, we are not just manufacturers; we are partners in the success of industries, providing reliable and innovative solutions. As we continue to grow, our commitment to quality and customer satisfaction remains unwavering.

# Optimizing the use of heat energy

# OIL COOLERS

## Hydraulic Power Pack Oil Cooler



### Features:

- Model :- Nisha Engineering Works
- Application :- Hydraulic and Industrial Process
- Cooler Material :- Copper, Steel
- Flow Rate :- 10 LPM To As Per Requirement
- Applications:- Automobile Plant, Hydraulic Power Pack, Hydraulic Press
- Cooling Type:- Water Cooled

## Oil Cooler



- Application :- Injection Molding Machine, Hydraulic and Industrial Process
- Cooling Type :- Water Cooled
- Capacity :- 10 LPM To As Per Requirement
- Cooler Material :- Copper, Steel
- Flow Rate (L/min) :- 10 LPM To As Per Requirement Size As per requirement
- Applications :- Hydraulic Power Pack, Hydraulic Press Machine, Cement Industry
- Cooper tube Diameter :- 5/8 , 3/8
- Water Inlet Temperature:- 30 C

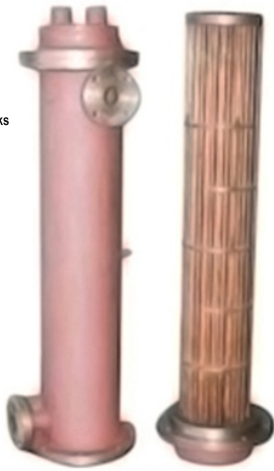
## Hydraulic Oil Cooler



- Type :- Shell & Tube
- Application :- Food Process Industry, Hydraulic and Industrial Process, Pharmaceutical industry
- Capacity :- 10 LPM To As Per Requirement
- Cooler Material :- Copper, Steel, MS
- Brand :- NISHA
- Flow Rate :- 10 LPM To As Per Requirement
- Applications :- Chemical Plants
- Cooling Type :- Water Cooled
- Copper tube Diameter :- 5/8" OD

# SHELL AND TUBE HEAT EXCHANGER

## Hydraulic Power Pack Oil Cooler



### Features:

- Type :- Shell & Tube, Tube
- Medium Used :- Air, Water, Oil
- Primary Exchanger Material :- Steel, MS
- Inlet Temperature :- 30 Deg.C
- Outlet Temperature :- 60 Deg.C
- Application :- Hydraulic and Industrial Process, Pharmaceutical Industry
- Warranty :- 12 months
- Tube Material :- Brass, Steel, Copper
- Flow Rate (L/min) :- 10 LPM To As Per Requirement

We hold all the aces in designing and developing the best-in-class Finned Shell And Tube Heat Exchanger.

- Medium Used :- Oil
- Application :- Hydraulic and Industrial Process, Pharmaceutical Industry.
- Type :- Air-Cooled, Tube, Shell & Tube
- Flow Rate (L/min) :- 10 LPM To As Per Requirement
- Tube sheet Type :- Fixed and Floating
- Pipe material :- Heavy gauge steel

## Finned Type Heat Exchanger



### Features:

- Type :- Tube, Shell & Tube
- Primary Exchanger Material :- Copper, Steel
- Material of Construction :- Copper , Ms
- Flow Rate :- 10 LPM To As Per Requirement
- Inlet Temperature :- 30 Deg.C
- Outlet Temperature :- 45 Deg. C
- Warranty :- 12 months
- Tube Material :- Brass, Steel, Copper
- Dimension :- 5/8" OD & 3/8" OD, 3/4" OD

## Shell and Tube Heat Exchanger





# SHELL AND TUBE HEAT EXCHANGER

## Tube and Shell Heat Exchanger



- Application:- Food Process Industry, Hydraulic Systems, Pharmaceutical
- Material of Construction :- Copper, SS, MS
- Medium Used :- Oil, Water , Gas
- Intlet Temperature :- 30" C
- Type :- Shell & Tube
- Primary Exchanger Material :- Copper, Steel , MS
- Flow Rate :- 10 LPM To As Per Requirement
- Outlet Temperature:- 40 Deg. C

# HYDRAULICS BOOSTER COMPRESSOR GAS & OIL COOLER

## Oil Heat Exchanger For Hydraulic Booster Compressor



- Application :- Hydraulic Booster Compressor
- Usage/Application :- Oil Cooling
- Cooler Material :- S.S 316 L
- Type :- Shell & Tube
- Cooling Type :- Water Cooled
- Shell Dia :- 5" Inch
- Tube Material :- S.S 316 L
- Tube Diameter :- 3/8
- Cover :- S.S 316 L
- Heat transfer area :- 1.36 m<sup>2</sup>



# SHELL AND TUBE CONDENSERS

## Shell And Tube Condenser

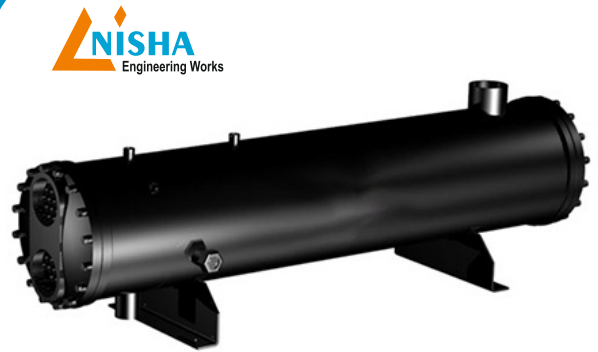


- Application :- Food Process Industry
- Medium Used :- Water
- Condenser Application :- Refrigeration
- Material :- Carbon Steel
- Tube Diameter :- 3/4" OD
- Tube Material :- Copper
- Primary Exchanger Material :- Copper tube With Finning
- Automation Grade :- Manual
- Usage/Application :- Pharmaceutical Industry

### Features:

- Medium Used :- Water & Refrigeration Gas
- Condenser Application :- Refrigeration, Steam Power Turbine
- Tube Diameter :- 3/4" OD
- Primary Exchanger Material :- Copper Tube With Finning
- Capacity AS Per Requirement
- Uses :- Cold storage, Food processing plants, Dairy industries, Ice Cream Making Machine
- Tube Type :- Copper
- Number Of Tube:- 30,45,65
- Material :- MS, SS

## Water Cooled Condenser For Ice Cream Freezer



## Tube Condenser



- Application :- Food Process Industry
- Medium Used :- Water, Gas
- Brand :- NISHA
- Condenser Application:- Refrigeration, Steam Power Turbine
- Tube Diameter:- 3/4 OD Copper Tube
- Primary Exchanger Material :- Copper Tube With Finning



# SHELL AND TUBE CONDENSERS

## Shell And Tube Condenser

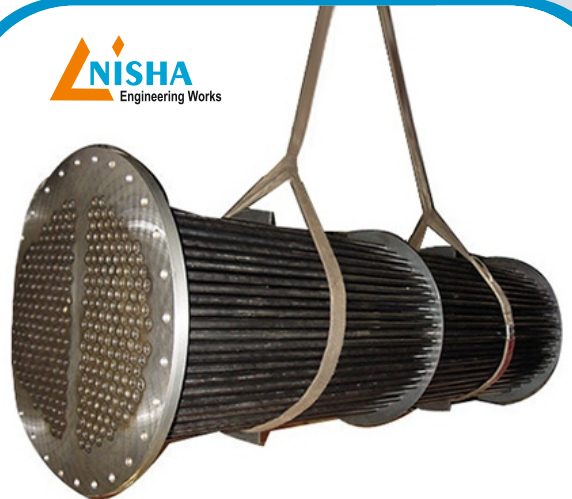


### Features:

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- Medium Used :- Water
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- Material :- Carbon Steel
- Tube Diameter :- 3/4" OD
- Tube Material :- Copper
- Primary Exchanger Material :- Copper tube With Fining
- Usage/Application :- Pharmaceutical industry
- Uses :- Ice Cream Making Machine , Chemical industries, Cold storage, Food processing plants, Dairy industries, Meat processing

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## Shell Condenser



**HIGHLY  
DURABLE**

**LOW  
MAINTENANCE**

**STURDINESS**

**FINE  
FINISH**

**EASY TO  
INSTALL**

**PERFECT  
DESIGN**

# INDUSTRIAL AIR COOLERS

## Hydraulic Power Pack Oil Cooler



- Medium Used:- Air
- Application :- Food Process Industry, Hydraulic and Industrial Process, Pharmaceutical industry
- Type :- Air-Cooled
- Flow Rate :- 100 LPM
- Power :- 2,000 W
- Voltage :-110 V
- Cooling Type :- Air Cooled
- Frequency :- 50 Hz / 60 Hz
- Water Tank :- Antibacterial

- Type :- Portable
- Capacity :- 60 to 200 LPM
- Material :- Metal
- Size :- Medium, Large
- Applications:- Hydraulic Power Pack, Hydraulic Press, CNC Machines ,
- Cooling Type :- Air Cooled
- Usage/Application:- Oil Cooling
- Power :- 1,000 W

## Hydraulic Air Cooler



### Features:

- Cooler Material :- Steel
- Medium Used :- Oil
- Application :- Pharmaceutical industry, Hydraulic and Industrial Process
- Cooling Type:- Air Cooled
- Capacity:- 200 LPM
- Type :- Portable, Air-Cooled, Shell & Tube,
- Heat Recovery, Tube
- Flow Rate :-100 LPM , 200 LPM , 300 LPM
- Size :- Medium, Small, Large
- Usage/Application :- Oil Cooling

## Industrial Air Cooler





# TUBE BUNDLES

## Tube Bundle



### Features:

- Part Type :- Gaskets, Heat Transfer Plates, Exchanger Tube
- Frame Type :- Brass, Copper, Steel
- Size/Dimensions :- 3/8"OD , 5/8"OD , 3/4"OD
- Tube material :- Carbon Steel
- Uses :- Oil and Gas

U Tube Bundle is made of Steel/ copper/ brass/ tubes depending upon the application. these tube bundles are widely used in compressed air intercoolers, after cooler, Oil coolers.

### Features:

- Part Type :- Heat Transfer Plates, Exchanger Tube, Gaskets
- Frame Type :- Steel, Brass, Copper
- Size/Dimensions :- 3/8"OD , 5/8"OD , 3/4"OD

## U Tube Bundle



## Hydraulic Oil Cooler



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- Type :- Shell & Tube
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## Aluminum & Cast Iron Piston Reciprocating Air Compressor



1 HP to 25 HP – LP –HP Air Compressor Piston

### Features:

- Certification of raw materials
- Exacting specifications
- Competitive price
- Availability
- Quality assured

### Benefits:

- Guaranteed safe, dependable, long life
- Meets or exceeds specifications
- Confidence in the finished product
- Eliminates hidden flaws unnecessary breakdown
- Match, exceed specifications for any application
- Longer Life, Lesser Wear



Mfg. : Heat Exchanger, After Cooler, Inter Cooler, Condenser Chillers



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