

RIEWORKS CATALOGUE

ENGINEERING FABRICATION INNOVATION

INDUSTRIAL EQUIPMENT & ENGINEERED SOLUTIONS

- Tanks
- Commercial Kitchens
- Water Treatment
- Mixers
- Conveyors
- Textile Machinery
- Fans
- Cranes
- Custom Fabrication

ROYAL INDUSTRIAL ENGINEERING WORKS

ENGINEERING | FABRICATION | INNOVATION

RIEWORKS is a leading name in the field of engineering and fabrication, specialized in the design and manufacturing of high quality Tanks, Vessels, Mixers and customized process equipment for various industries.

www.rieworks.com

Tauseef@rieworks.com

+92 333 3072674

CUSTOM ENGINEERING
BUILT TO PERFORM

OUR RANGE OF TANKS, VESSELS & PROCESS EQUIPMENT

STORAGE TANK



- Vertical / Horizontal
- Carbon Steel / Stainless Steel
- Capacity: Custom
- For Liquid / Chemical / Oil / Water Storage

MIXER TANK



- Top Entry Agitator
- Suitable for Mixing Liquids & Slurries
- Custom Capacity
- Various Impeller Options

REACTOR TANK



- Pressure / Vacuum Design
- With Agitator & Baffles
- Suitable for Chemical Reactions
- Custom Design (ASME / IS Codes)

FUEL TANK



- MS / SS Construction
- Horizontal / Vertical
- Single / Double Wall
- For Diesel, Fuel Oil, Lubricants

FEED WATER TANK



- For Boiler Feed Water Storage
- Atmospheric / Pressurized
- With Level Indicators
- Insulated / Non-Insulated

HOLDING TANK



- For Temporary Storage
- Vertical / Horizontal
- Carbon Steel / SS
- Custom Capacity

JACKETED TANK



- Heating / Cooling Jacket
- Temperature Control
- For Viscous Liquids & Processes

PRESSURE VESSEL



- ASME Sec. VIII Div. 1 / Div. 2
- Air Receivers, Surge Vessels, Pressure Tanks
- Hydro Tested

CHEMICAL STORAGE TANK



- For Acid / Alkali / Chemicals
- Corrosion Resistant Linings Available
- FRP / SS / MS Construction

HOLDING VESSEL



- For Liquid / Gas Holding
- Custom Pressure Rating
- With Nozzles & Internals

AGITATED REACTOR



- High Performance Agitator
- For Chemical & Pharmaceutical Industries
- Full Customization

THERMAL OIL / HEATING TANK



- With Heating Coil / Jacket
- For Thermal Oil Systems
- Insulated Construction

PROCESS VESSEL



- Tailor Made Process Vessels
- For Food, Pharma, Chemical, Oil & Gas Industries
- ASME / IS Standards

BLENDING TANK



- For Blending & Homogenizing
- Multiple Impeller Options
- Custom Capacity

BITUMEN / ASPHALT TANK



- For Bitumen / Asphalt Storage
- Insulated
- Heating Coil Available

CUSTOM FABRICATION



- As per Drawing / Requirement
- Skids, Piping, Structures
- Turnkey Solutions

INDUSTRIES WE SERVE

- Oil & Gas
- Chemical
- Pharmaceutical
- Food & Beverage
- Power
- Water Treatment
- Paint & Coating
- General Engineering

RIE WORKS

QUALITY.
SAFETY.
RELIABILITY.
ON TIME, EVERY TIME.

OUR CAPABILITIES

- Engineering & Design (2D/3D)
- Fabrication in MS, SS 304 / 316
- ASME, API, IS Code Compliance
- Welding, NDT, Hydro Testing
- Surface Treatment & Coating
- Installation, Erection & Commissioning

CERTIFICATIONS

ASME INTERNATIONAL

ISO 9001:2015

ROYAL INDUSTRIAL ENGINEERING WORKS

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CUSTOM ENGINEERING
BUILT TO PERFORM

TYPES OF INDUSTRIAL MIXERS

1. AGITATOR MIXER



2. ANCHOR MIXER



3. PROPELLER MIXER



4. TURBINE MIXER



5. RIBBON MIXER



6. PADDLE MIXER



7. PLANETARY MIXER



8. STATIC MIXER



9. TWIN SHAFT MIXER



10. HIGH SHEAR MIXER



11. CONE SCREW MIXER



12. V-MIXER



13. DRUM MIXER



14. HORIZONTAL MIXER



15. BATCH MIXER



16. CONTINUOUS MIXER



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CUSTOM ENGINEERING
BUILT TO PERFORM

ALL TYPES OF CONVEYOR SYSTEMS

01. BELT CONVEYOR



- For Bulk Material Handling
- Horizontal / Inclined
- Custom Length & Width
- Heavy Duty Construction

02. INCLINED BELT CONVEYOR



- Space Saving Design
- Adjustable Inclination
- Cleated Belt Options
- Robust & Reliable

03. SCREW CONVEYOR



- For Powders & Granules
- Horizontal / Inclined / Vertical
- U-Trough / Tube Type
- Custom Sizes

04. BUCKET ELEVATOR



- For Vertical Lifting
- High Capacity Handling
- Mild Steel / Stainless Steel
- Belt / Chain Type

05. ROLLER CONVEYOR



- For Unit Handling
- Gravity / Powered
- Mild Steel / SS Rollers
- Smooth Material Flow

06. CHAIN CONVEYOR



- For Heavy & Abrasive Materials
- Drag / Redler / Apron Type
- Enclosed / Open Trough
- High Strength Construction

07. SLAT CONVEYOR



- For Heavy Duty Applications
- Metal / SS Slat
- Heat Resistant Options
- Low Maintenance

08. MODULAR BELT CONVEYOR



- For Light to Heavy Duty
- Food Grade Options
- Flexible & Hygienic
- Easy to Clean & Maintain

09. FLEXIBLE CONVEYOR



- Extendable / Retractable
- Easy Movement
- For Loading / Unloading
- Adjustable Height

10. VIBRATING CONVEYOR



- For Screening & Feeding
- Uniform Material Flow
- Adjustable Vibration
- Rugged Construction

11. MAGNETIC CONVEYOR



- For Ferrous Material Handling
- Chip / Scrap Removal
- Strong Magnetic System
- Coolant & Oil Resistant

12. PNEUMATIC CONVEYOR



- For Powders & Granules
- Lean Phase / Dense Phase
- Fully Enclosed System
- No Dust & Spillage

13. SPIRAL CONVEYOR



- Vertical Material Handling
- Compact Footprint
- Continuous Flow
- Mild Steel / SS

14. OVERHEAD CONVEYOR



- For Light to Heavy Loads
- Continuous / Power & Free
- Custom Track Layout
- Space Saving Solution

15. TELESCOPIC CONVEYOR



- For Loading & Unloading
- Extendable Length
- Hydraulic / Electric Drive
- Safe & Efficient

16. CONVEYOR ACCESSORIES



- Conveyor Rollers & Idlers
- Pulleys & Drums
- Belt Cleaners
- Skirting & Chutes
- Gearbox & Motors
- Structure & Supports

INDUSTRIES WE SERVE

CEMENT | FOOD & BEVERAGE | CHEMICAL | PHARMACEUTICAL | MINING | POWER | STEEL | AGRICULTURE | RECYCLING

WHY CHOOSE RIEWORKS?

- ✓ Custom Engineering Solutions
- ✓ High Quality & Durable Construction
- ✓ Advanced Manufacturing Facility
- ✓ On-Time Delivery
- ✓ Installation & After Sales Support

CERTIFICATIONS

ASME (U Stamp)

ISO 9001:2015 CERTIFIED

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ENGINEERING | FABRICATION | INNOVATION

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CUSTOM ENGINEERING
BUILT TO PERFORM

COMPLETE AIR MOVEMENT SOLUTIONS FOR INDUSTRIAL APPLICATIONS

CENTRIFUGAL BLOWER (SWSI)



- High Efficiency
- Robust Construction
- Low Noise
- Forward/Backward Curved Impeller
- Belt/Direct Drive

APPLICATIONS
- HVAC Systems
- Dust Collection
- Process Ventilation
- Industrial Exhaust
- Material Handling

CAPACITY RANGE

Air Flow	500 – 50,000 m³/h
Static Pressure	50 – 3000 Pa
Sizes	200 – 2000 mm

CENTRIFUGAL BLOWER (DWDI)



- High Pressure
- Double Inlet
- Heavy Duty
- Continuous Operation
- Custom Design

APPLICATIONS
- Boilers & Furnaces
- ID / FD Applications
- Process Plants
- Cement & Power
- Large Ventilation Systems

CAPACITY RANGE

Air Flow	1,000 – 100,000 m³/h
Static Pressure	500 – 5000 Pa
Sizes	300 – 3000 mm

TUBE AXIAL FAN



- High Air Flow
- Compact Design
- Low Power Consumption
- Wall / Duct Mounting
- Cast Aluminum / FRP Impeller

APPLICATIONS
- General Ventilation
- Duct Systems
- Tunnels & Car Parks
- Factory Buildings
- Process Cooling

CAPACITY RANGE

Air Flow	1,000 – 100,000 m³/h
Static Pressure	50 – 800 Pa
Sizes	300 – 2500 mm

PROPELLER FAN (WALL MOUNTED)



- High Air Delivery
- Low Noise
- Direct Drive
- Weather Resistant
- Galvanized / SS
- Guard & Shutter Options

APPLICATIONS
- Factory Ventilation
- Workshops
- Warehouses
- Poultry & Agriculture
- Residential / Commercial

CAPACITY RANGE

Air Flow	500 – 50,000 m³/h
Static Pressure	20 – 400 Pa
Sizes	300 – 2000 mm

ROOF VENTILATION FAN (UPBLAST)



- Weather Proof
- Upblast Discharge
- Low Maintenance
- Aluminum / GI / SS
- Bird Screen
- Motorized or Gravity

APPLICATIONS
- Building Ventilation
- Factories & Warehouses
- Kitchens & Toilets
- Heat & Fume Extraction
- General Exhaust

CAPACITY RANGE

Air Flow	500 – 50,000 m³/h
Static Pressure	50 – 600 Pa
Sizes	300 – 2000 mm

AIR CURTAIN BLOWER



APPLICATIONS
- Doors & Entrances
- Cold Room Protection
- Clean Room Applications
- Dust & Insect Control
- Commercial Buildings

CAPACITY RANGE

Air Flow	500 – 15,000 m³/h
Air Velocity	8 – 20 m/s
Lengths	600 – 3000 mm

INDUSTRIAL BLOWER (HIGH PRESSURE)



- High Static Pressure
- Rugged Design
- Wear Resistant
- Belt/Direct Drive
- For Process Applications

APPLICATIONS
- Pneumatic Conveying
- Combustion Air
- Process Industries
- Dust Collection
- Material Handling

CAPACITY RANGE

Air Flow	500 – 30,000 m³/h
Static Pressure	1000 – 8000 Pa
Sizes	200 – 1600 mm

PLUG FAN / BLOWER HOUSING



- Compact & Heavy Duty
- Removable Core
- Easy Maintenance
- Custom Design
- Belt / Direct Drive
- Various Discharge Positions

APPLICATIONS
- Dust & Fume Extraction
- Process Ventilation
- HVAC Systems
- Industrial Plants
- OEM Applications

CAPACITY RANGE

Air Flow	1,000 – 50,000 m³/h
Static Pressure	500 – 4000 Pa
Sizes	300 – 2500 mm

JET FAN / SMOKE EXTRACTION FAN



APPLICATIONS
- Car Parks
- Tunnels
- Underground Facilities
- Smoke Control Systems
- Emergency Ventilation

CAPACITY RANGE

Air Flow	2,000 – 100,000 m³/h
Thrust	50 – 1500 N
Sizes	315 – 2000 mm

INLINE / MIXED FLOW FAN



- High Efficiency
- Compact & Lightweight
- Low Noise
- Easy Installation
- Duct Mounted
- Metal / FRP Options

APPLICATIONS
- HVAC Systems
- Duct Ventilation
- Commercial Buildings
- Clean Rooms
- General Supply & Exhaust

CAPACITY RANGE

Air Flow	500 – 50,000 m³/h
Static Pressure	100 – 1500 Pa
Sizes	200 – 1600 mm

INDUSTRIAL MAN COOLER FAN



- High Air Flow
- Portable / Movable
- Heavy Duty
- Adjustable Angle
- Mist Cooling Option
- Suitable for Harsh Environment

APPLICATIONS
- Workshops
- Steel Plants
- Outdoor Events
- Construction Sites
- General Cooling

CAPACITY RANGE

Air Flow	5,000 – 50,000 m³/h
Fan Dia:	500 – 1500 mm
Drive	Direct / Belt

CUSTOM FANS & IMPELLERS



- Custom Design
- Reverse Engineering
- Impeller Manufacturing
- Balancing & Testing
- All Materials
- As per Drawing/Requirement

APPLICATIONS
- Replacement Parts
- OEM Supply
- Special Process Needs
- High Temperature
- Corrosion Resistant

MATERIAL OPTIONS
- Mild Steel
- Stainless Steel
- Aluminum
- Hardox / Wear Resistant
- FRP / Other Alloys

OUR STRENGTHS

- In-House Design & Manufacturing
- High Quality & Precision Fabrication
- Customized Solutions
- Competitive Pricing
- On-Time Delivery
- After Sales Support

INDUSTRIES WE SERVE

OIL & GAS · POWER PLANTS · CEMENT · CHEMICAL · FOOD & BEVERAGE · PHARMACEUTICAL · HVAC · AUTOMOTIVE · TEXTILE · STEEL · CONSTRUCTION · GENERAL INDUSTRIES

MATERIALS & CONSTRUCTION

- Mild Steel (MS)
- Galvanized Steel (GI)
- Stainless Steel (SS 304/316)
- Aluminum
- FRP / GRP
- Wear Resistant Materials
- Custom Materials on Request

STANDARDS & QUALITY

- Precision Manufacturing
- Dynamic Balancing
- Performance Testing
- ISO Standards (as applicable)
- Safe & Reliable Operation
- Long Service Life

ROYAL INDUSTRIAL ENGINEERING WORKS

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CUSTOM ENGINEERING
BUILT TO PERFORM

COMPLETE RANGE OF COMMERCIAL CATERING FABRICATIONS

01. SINKS



- Single / Double / Triple Sinks
- With & Without Drainboard
- Hand Wash Sinks
- Fabricated SS 304 / 316
- Custom Size & Design

02. WORK TABLES



- SS Work Tables
- With / Without Backsplash
- With Undershelf / Drawers
- Equipment Stand Tables
- Custom Fabrication

03. STORAGE SOLUTIONS



- SS Storage Racks
- Wall Shelves & Cabinets
- Cupboards & Lockers
- Dry Storage Shelving
- Custom Built Storage

04. PREPARATION TABLES



- Vegetable / Meat Prep Tables
- With Refrigerated Base
- With GN Pans & Cutting Board
- Custom Sizes Available

05. TROLLEYS & PALLETS



- SS Service Trolleys
- Kitchen Utility Trolleys
- Plate / Tray Trolleys
- SS Pallets / Euro Pallets
- Heavy Duty Trolleys

06. COOKING EQUIPMENT



- Cooking Range Tables
- Burner Stands / Hotplates
- Tandoor / Oven Stands
- Griddles & Char Broilers
- Stock Pot / Boiler Stands
- Custom Fabrication

07. REFRIGERATION EQUIPMENT



- Under Counter Fridges
- Prep Counters (Pizza / Salad)
- Back Bar Coolers
- Bottle Coolers
- Display Chillers
- Custom SS Fabrication

08. EXHAUST & VENTILATION



- SS Exhaust Hoods
- Wall / Island / Ceiling Mounted
- With Filters & Baffles
- Ducting & Canopy
- Custom Fabrication

09. DISHWASHING SOLUTIONS



- Dishwashers (Hood / Conveyor)
- Pre-Rinse Units
- Soiled Dish Tables
- Clean Dish Tables
- Custom SS Fabrication

10. POT RACKS & SHELVING



- Ceiling Hung Pot Racks
- Wall Mounted Racks
- Pan & Lid Racks
- Adjustable Shelving Units
- Custom Fabrication

11. SERVING & DISPLAY



- Bain Marie Counters
- Hot / Cold Display Counters
- Food Display Units
- Self Service Counters
- Custom Fabrication

12. UTENSIL & EQUIPMENT STANDS



- Mixer / Equipment Stands
- Microwave / Oven Stands
- Grinder / Slicer Stands
- Workstation Stands
- Custom Fabrication

13. WASTE MANAGEMENT



- SS Waste Bins & Containers
- Recycling Stations
- Trolley Mounted Bins
- Pedal / Swing Lid Options
- Custom Fabrication

14. HAND WASH & HYGIENE



- Hand Wash Stations
- Knee / Foot Operated
- With Soap Dispenser
- SS 304 / 316 Construction

15. CABINETS & LOCKERS



- SS Cabinets & Cupboards
- Drawer Units
- Personal Lockers
- Linen Cabinets
- Custom Sizes Available

16. KITCHENWARE & UTENSILS



17. SMALL EQUIPMENT & APPLIANCES



WHY CHOOSE RIEWORKS?

- ✓ Custom Engineering Solutions
- ✓ High Quality Stainless Steel
- ✓ Advanced Fabrication Facility
- ✓ Skilled & Experienced Team
- ✓ On-Time Delivery
- ✓ After Sales Support

OUR CAPABILITIES

- Design & Engineering (2D/3D)
- CNC Cutting, Bending & Welding
- SS 304 / 316 Fabrication
- Custom Built Solutions
- Installation & Commissioning

INDUSTRIES WE SERVE

HOTELS | RESTAURANTS | CATERING COMPANIES | CAFETERIAS | FOOD SERVICE

CERTIFICATIONS

ISO 9001:2015 CERTIFIED

ASME (U Stamp)

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CUSTOM ENGINEERING
BUILT TO PERFORM

ALL TYPES OF CRANES & LIFTING EQUIPMENT

OVERHEAD EOT CRANE



- Capacity: 1 Ton to 50 Ton+
- Single / Double Girder
- Top Running / Under Running
- Smooth Operation & Low Maintenance
- Custom Design as per Requirement

GANTRY CRANE



- Capacity: 1 Ton to 100 Ton+
- Single / Double Girder
- Rubber Tyre / Rail Mounted
- Outdoor & Indoor Applications
- Heavy Duty & Weather Resistant

JIB CRANE



- Capacity: 125 Kg to 5 Ton
- Wall / Pillar Mounted
- 180° / 270° / 360° Rotation
- Manual / Electric Hoist
- Space Saving & Easy Operation

MONORAIL CRANE



- Capacity: 125 Kg to 5 Ton
- Straight / Curved Track
- Compact & Efficient
- Manual / Electric Trolley
- Ideal for Light to Medium Duty

DOUBLE GIRDER EOT CRANE



- Capacity: 5 Ton to 100 Ton+
- Heavy Duty Construction
- Advanced Safety Features
- VFD Panel & Remote Control
- High Performance & Reliability

SEMI GANTRY CRANE



- Capacity: 1 Ton to 50 Ton
- Space Efficient Design
- Rail Mounted
- Cost Effective Solution
- Customizable Options

WORKSTATION CRANE



- Capacity: 125 Kg to 2 Ton
- Modular & Flexible System
- Easy Installation
- Improves Productivity
- Best for Work Cells

HOT CRANE



- Capacity: 5 Ton to 100 Ton
- Heat Resistant Design
- Special Insulation
- Heavy Duty Structure
- For Steel Plants & Foundries

EXPLOSION PROOF CRANE



- Capacity: 1 Ton to 20 Ton
- Flame Proof Components
- ATEX / IECEx Compliant
- Safe for Hazardous Areas
- Chemical & Petrochemical Use

CARGO / SHIP CRANE



- Capacity: 5 Ton to 500 Ton
- Harbour / Marine Use
- Electro Hydraulic Operation
- Robust & Corrosion Resistant
- Built for Heavy Duty Marine Service

LIFTING EQUIPMENT & ACCESSORIES

CHAIN HOIST



- Capacity: 0.5 Ton to 20 Ton
- Manual / Electric
- Compact & Durable
- Easy Maintenance

WIRE ROPE HOIST



- Capacity: 1 Ton to 50 Ton
- Heavy Duty Design
- High Lifting Speed
- Reliable Performance

ELECTRIC WINCH



- Capacity: 250 Kg to 20 Ton
- With / Without Rope
- Horizontal / Vertical Pull
- Rugged & Efficient

LIFTING MAGNET



- Capacity: 300 Kg to 3000 Kg
- Manual / Battery Operated
- Safe & Strong Grip
- For MS Plate Handling

VACUUM LIFTER



- Capacity: 100 Kg to 2000 Kg
- Manual / Electric
- For Sheet / Plate Handling
- Smooth & Safe Operation

SKID / GOODS LIFT



- Capacity: 250 Kg to 5000 Kg
- Hydraulic / Electric
- Single / Double Mast
- Safe & Reliable

INDUSTRIAL LIFTING & HANDLING SOLUTIONS

SCISSOR LIFT TABLE



- Capacity: 250 Kg to 5000 Kg
- Hydraulic / Electric
- Custom Table Size
- For Material Handling

DOCK LEVELER



- Capacity: 6 Ton to 20 Ton
- Hydraulic Operation
- Easy Loading / Unloading
- Safe & Durable

PALLET TRUCK



- Capacity: 2 Ton to 5 Ton
- Manual / Semi Electric
- Strong & Durable
- Easy to Use

FORKLIFT



- Capacity: 1 Ton to 10 Ton
- Diesel / Electric
- High Performance
- Reliable & Efficient

CARGO LIFT / ELEVATOR



- Capacity: 500 Kg to 5000 Kg
- Passenger / Goods
- VFD Drive
- Safe & Smooth Operation

CRANE SPARE PARTS



- Hoist & Trolley
- Wire Rope & Hook
- Wheels & End Carriage
- Electrical & Mechanical Parts

ENGINEERED FOR SAFETY
Designed & manufactured as per international safety standards.

CUSTOM DESIGN
Custom built solutions tailored to your exact requirements.

PREMIUM QUALITY
High quality raw materials & components for long lasting performance.

ON-TIME DELIVERY
Timely delivery & installation with professional project management.

AFTER SALES SUPPORT
Installation, Commissioning, Maintenance & After Sales Support.

INDUSTRIES WE SERVE

STEEL PLANTS | POWER PLANTS | OIL & GAS | SHIPYARD | AUTOMOBILE | CEMENT PLANTS | CHEMICAL | WAREHOUSES | LOGISTICS | GENERAL INDUSTRY

WHY CHOOSE RIEWORKS?

- ✓ Experienced Engineering Team
- ✓ Advanced Manufacturing Facility
- ✓ Strict Quality Control
- ✓ Competitive Pricing
- ✓ Turnkey Solutions

CERTIFICATIONS

ISO 9001:2015 CERTIFIED

ASME (U Stamp Certified)

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CUSTOM ENGINEERING
BUILT TO PERFORM

COMPLETE SOLUTIONS FOR TEXTILE INDUSTRY & ENGINEERING NEEDS

TEXTILE MACHINERY

BATCHING MACHINE



- High Efficiency & Accuracy
- PLC Based Control System
- Suitable for All Fabrics

PAD BATCH (JIGGER) MACHINE



- Precise Fabric Treatment
- Uniform Chemical Application
- Energy & Water Efficient

WINCH MACHINE



- Robust Construction
- Smooth Operation
- Variable Speed Drive

HYDRO EXTRACTOR



- High Spin Drying Efficiency
- Low Vibration & Noise
- Heavy Duty Structure

STENTER MACHINE



- Accurate Tension Control
- Uniform Drying & Finishing
- High Production Output

COMPACTING MACHINE



- Fabric Compaction
- High Pressure & Uniform Roll
- Reliable & Durable

CLOTH TROLLEY



- MS / SS Construction
- Heavy Duty Wheels
- Different Capacities Available

PALLET



- MS / SS / GI Pallet
- Strong & Durable
- Custom Sizes Available

FABRIC ROLLERS



- Rubber / SS / MS Rollers
- Smooth & Uniform Operation
- Custom Length & Diameter

FABRIC TRAYS



- MS / SS Trays
- Perforated / Solid Options
- Strong & Corrosion Resistant

CHEMICAL STORAGE TANKS



- MS / SS / FRP / PP Tanks
- For Chemical & Dye Storage
- With Agitator / Without Agitator

INDUSTRIAL TANKS & VESSELS

MIXING TANK



- With Agitator / Without Agitator
- SS 304 / 316 / MS / FRP
- Customized Design

STORAGE TANK



- Vertical / Horizontal
- MS / SS / FRP
- Various Capacities

REACTION TANK



- Jacketed / Non-Jacketed
- For Chemical Reactions
- Pressure / Vacuum Design

DYEING TANK



- For Dyeing Process
- Steam Heating / Electrical
- High Temperature Resistant

CHEMICAL DOSING TANKS



- Accurate Dosing
- With Metering Pump
- Level Indicator Available

EFFLUENT TREATMENT TANK



- MS / FRP Construction
- Custom Design
- For ETP Plants

ALL KIND OF GEARS

SPUR GEAR



- High Precision
- Durable & Reliable
- MS / SS / Cast Iron

HELICAL GEAR



- Smooth & Quiet Operation
- High Load Capacity
- Hardened / Ground

BEVEL GEAR



- 90° Power Transmission
- High Strength
- Accurate Machining

WORM GEAR



- High Reduction Ratio
- Compact Design
- Self Locking

GEAR BOX



- Helical / Worm / Bevel
- Heavy Duty
- Custom Ratio Available

GEAR COUPLING



- Rigid / Flexible Coupling
- Vibration & Shock Absorbing
- High Torque Capacity

OTHER FABRICATION & ACCESSORIES

MS / SS STRUCTURES



PLATFORMS & WALKWAYS



PIPING & PIPE FITTINGS



AGITATORS & IMPELLERS



VALVES & FLANGES



CONVEYOR SYSTEMS



CUSTOM FABRICATION



WHY CHOOSE RIEWORKS?

- ✓ Custom Engineering Solutions
- ✓ High Quality Raw Materials
- ✓ Advanced Manufacturing Facility
- ✓ Skilled & Experienced Team
- ✓ On-Time Delivery
- ✓ After Sales Support

OUR CAPABILITIES

- Design & Engineering (2D/3D)
- CNC Cutting, Bending & Machining
- Welding, Fabrication & Assembly
- Quality Control & Testing
- Installation & Commissioning

INDUSTRIES WE SERVE

TEXTILE | CHEMICAL | DYEING & FINISHING | FOOD & BEVERAGE | PHARMACEUTICAL | WATER TREATMENT

CERTIFICATIONS & STANDARDS

ISO 9001:2015 CERTIFIED

ASME (U Stamp Certified)

We follow international standards for quality, safety & performance.

ROYAL INDUSTRIAL ENGINEERING WORKS

ENGINEERING | FABRICATION | INNOVATION

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CUSTOM ENGINEERING
BUILT TO PERFORM

COMPLETE RANGE OF E.T.P PLANTS & WATER TREATMENT EQUIPMENT

01. E.T.P PLANT



- Complete Design & Fabrication
- Custom Capacity
- Reliable & Cost Effective
- High Treatment Efficiency
- Easy Operation & Maintenance

02. SEWAGE TREATMENT PLANT (STP)



- MBBR / SBR / ASP / MBBR Technology
- Compact Design
- Low Power Consumption
- High Quality Treated Water

03. R.O PLANT



- Brackish / Sea Water RO Plant
- High Recovery & Low Rejection
- Energy Efficient
- Fully Automatic Operation
- SS 304 / 316 Construction

04. MULTIMEDIA FILTER TANK



- Multi Layer Filtration Media
- Removes Suspended Solids
- Low Pressure Drop
- Durable & Corrosion Resistant
- MS / FRP / SS Construction

05. ACTIVATED CARBON FILTER TANK



- Removes Color, Odor & Organic Matter
- Improves Taste & Quality
- High Adsorption Capacity
- Easy Regeneration
- MS / FRP / SS Construction

06. D.I (DEIONIZATION) COLUMN



- Removes Dissolved Salts & Minerals
- Strong Acid Cation / Anion Resin
- High Quality Deionized Water
- MS / FRP / SS Construction

07. FILTER CASING



- Cartridge Filter Housings
- Bag Filter Housings
- SS 304 / 316 Construction
- High Pressure Rating
- Various Sizes Available

08. SOFTENER TANK



- Removes Hardness (Ca, Mg)
- Automatic Valve Operation
- Long Service Life
- Reliable & Efficient
- FRP / MS Construction

09. FILTER PRESS



- For Sludge Dewatering
- High Solid Recovery
- Manual / Hydraulic Operation
- Robust Construction
- Easy Maintenance

10. CHEMICAL DOSING SYSTEM



- Accurate Dosing
- PH Adjustment
- Corrosion Resistant
- Automatic Operation
- Customized Solution

11. AIR BLOWER



- For Aeration in ETP / STP
- Energy Efficient
- Low Noise & Vibration
- Durable Performance
- Various Capacities

12. SLUDGE DRYING BED



- Natural Sludge Drying
- Low Cost Operation
- Easy to Construct
- Durable & Long Lasting

13. EQUALIZATION TANK



- Balances Flow & Load
- Prevents Shock Load
- Sturdy Construction
- MS / RCC / FRP

14. AERATION TANK



- Efficient Air Diffusion
- High Oxygen Transfer
- MBBR / ASP / SBR Options
- Durable & Reliable

15. CLARIFIER / SETTLING TANK



- Solid Liquid Separation
- High Clarification Efficiency
- Low Sludge Carryover
- MS / RCC Construction

16. R.O PLANT FRAME (SKID)



- Heavy Duty MS / SS Frame
- Compact & Robust Design
- Corrosion Resistant
- Powder Coated Finish
- Custom Size & Design

OUR ENGINEERING ADVANTAGES

- **CUSTOM DESIGN** — As per your requirement
- **EASY OPERATION** — User friendly systems
- **HIGH QUALITY MATERIAL** — SS 304 / 316, FRP, MS
- **LOW MAINTENANCE** — Reliable & long life
- **ADVANCED TECHNOLOGY** — Latest & efficient solutions
- **AFTER SALES SUPPORT** — Installation to AMC

TYPICAL APPLICATIONS

TEXTILE | PHARMACEUTICAL | FOOD & BEVERAGE | CHEMICAL

ELECTROPLATING | PAPER & PULP | DAIRY | HOSPITALS

PLANT CAPABILITIES

- Engineering & Design (2D/3D)
- Fabrication in MS / SS / FRP
- Complete Installation
- Testing & Commissioning
- AMC & After Sales Service

CERTIFICATIONS

ISO 9001:2015 CERTIFIED

ASME (U Stamp Certified)

ROYAL INDUSTRIAL ENGINEERING WORKS

ENGINEERING | FABRICATION | INNOVATION

RIEWORKS is a leading name in the field of engineering and fabrication, specialized in the design and manufacturing of high quality Tanks, Vessels, Mixers and customized process equipment for various industries.

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+92 333 3072674

CUSTOM ENGINEERING
BUILT TO PERFORM

COMPLETE SOLUTIONS FOR YOUR SHEET METAL & FABRICATION NEEDS

LASER CUTTING WORKS



- ✔ High Precision Laser Cutting
- ✔ Mild Steel / Stainless Steel / Aluminum / Galvanized Sheets
- ✔ Clean Cut, Smooth Edges
- ✔ Complex Shapes & Contours
- ✔ Fast Turnaround Time
- ✔ Custom Size & Thickness

CAPACITY

Sheet Size	: Up to 6000mm x 2000mm
Thickness	: MS – 0.5mm to 25mm SS – 0.5mm to 20mm Alu – 0.5mm to 12mm
Power	: Up to 6kW Fiber Laser
Accuracy	: ±0.1mm

CNC BENDING WORKS



- ✔ CNC Press Brake Bending
- ✔ High Accuracy Bending
- ✔ Various Thickness & Length
- ✔ Different Material Handling
- ✔ Custom Angles & Profiles
- ✔ High Repeatability

CAPACITY

Bending Length	: Up to 4000mm
Press Capacity	: Up to 220 Ton
Material Thickness	: MS – 0.5mm to 20mm SS – 0.5mm to 12mm Alu – 0.5mm to 10mm
Accuracy	: ±0.2mm

OUR OTHER FABRICATION & MACHINING SERVICES

CNC PUNCHING



- High Speed CNC Punching
- Various Hole Shapes & Patterns
- Tooling up to 50 Station
- Sheet Thickness up to 6mm

SHEARING WORKS



- Hydraulic Shearing Machine
- Accurate & Straight Cuts
- Sheet Length up to 4000mm
- Thickness up to 16mm (MS)

ROLLING WORKS



- Plate Rolling (3 Roller)
- Rolling Thickness up to 20mm
- Width up to 2500mm
- Cones, Cylinders & Curves

MIG / TIG WELDING



- MIG, TIG & ARC Welding
- SS, MS, Aluminum Welding
- Skilled & Certified Welders
- Strong & Precise Welding

FABRICATION WORKS



- Custom Fabrication
- Tanks, Hoppers, Chutes, Frames, Structures
- As per Drawing / Requirement
- Assembly & Finishing

CNC MACHINING



- Turning, Milling, Drilling
- High Precision Components
- CNC Lathe up to 500mm Dia
- CNC VMC up to 1000mm

PLASMA CUTTING



- Heavy Duty Plasma Cutting
- Thickness up to 50mm (MS)
- Ideal for Thick Plates
- High Speed & Cost Effective

PROFILE CUTTING



- Pipe, Tube & Profile Cutting
- Round, Square, Rectangle
- High Precision & Clean Cut
- Angle, Channel, I-Beam etc.

PIPE BENDING



- CNC Pipe Bending
- Pipe Dia up to 114mm
- Accurate Bends & Radius
- Hydraulic & Electric Benders

SHOT BLASTING & FINISHING



- Surface Cleaning & Finishing
- Rust, Scale & Paint Removal
- Better Adhesion for Coating
- Smooth & Uniform Finish

MATERIALS WE WORK WITH

MILD STEEL | STAINLESS STEEL | ALUMINUM | GALVANIZED STEEL | COPPER | BRASS

INDUSTRIES WE SERVE

OIL & GAS | CHEMICAL | FOOD & BEVERAGE | PHARMACEUTICAL | POWER PLANTS | WATER TREATMENT | CONSTRUCTION | AUTOMOTIVE | FABBICATION INDUSTRIES

WHY CHOOSE RIEWORKS?

- ✓ Advanced Machinery & Technology
- ✓ High Precision & Quality Assurance
- ✓ Skilled & Experienced Team
- ✓ Custom Solutions as per Requirement
- ✓ On-Time Delivery
- ✓ Competitive Pricing

OUR CAPABILITIES

- 2D & 3D Design Support
- Bulk Production & Small Batches
- Prototype to Mass Production
- Strict Quality Control
- On-Site Installation & Support

QUALITY ASSURANCE

We follow strict quality standards at every stage of production to ensure durability, accuracy and customer satisfaction.

CERTIFICATIONS

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CUSTOM ENGINEERING
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Kolson

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MATCO FOODS LIMITED

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LET'S ENGINEER YOUR NEXT REQUIREMENT.

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