



**Reliability & Efficiency  
without Compromise**

Compressed Air Systems

# Welcome To **Sumved International**

Over 15 years providing Compressed Air Systems and Services with Exports to Asian subcontinent, African & Middle East & SE Asian Countries.

Sumved International is established in 2006 by having wide experience in Air Compressors, Compressed Air Treatment solutions, Compressed Air Piping Systems, Pneumatic tools & other accessories.

Since 2011 we were associated as Authorised Distributors for Ingersoll-Rand EVOLUTION range of reciprocating & screw air compressors with compressed air treatment products.

With the merger of Ingersoll-Rand & Gardner Denver in the year 2021 we have become a authorised Distributors for the internationally recognised brand ComAir which is part of global giant Gardner Denver Inc. for CompAir brand compressors & compressed air treatment products.

## Infrastructure

Our expert team members are responsible for monitoring and upgrading the machines and the products to ensure a smooth and uninterrupted process.



## Quality Products

Product quality refers to how well a product satisfies customer needs, serves its purpose and meets industry standards.



## Timely Delivery

Our robust logistics infrastructure help us to deliver products globally on time.



## We are Authorized Dealers For:



## Oil Lubricated Compressors

- Bar low-noise compressors, receiver mounted with refrigerant dryer options available
- Complete Airstation including refrigerant dryer
- Customer demands the range of compressors



7 - 22 KW



22 - 30 KW

## Oil Free Compressors

- 100% oil and silicone-free for clean air critical applications
- Oil-free Pure Air screw compressor with a unique design
- Best products to be even better and more cutting edge



Two Stage Oil Free  
Rotary Screw  
Compressors



Two Stage Oil-Free  
Rotary Screw  
Compressors

## Air Treatment & Accessories

- A modern production system and process demands increasing levels of air purity.
- Pipe scale and corrosion within pressure vessels
- Damage to production equipment, air motors, air tools, valves and cylinders



Compressed  
Air Filtration



Condensate  
Treatment

## Compair Oil Free Scroll Compressors

- 100% oil-free design
- Continuous operation, 100% duty cycle
- Low vibration and sound levels
- Low maintenance due to less moving parts
- Automatic Condensate Drain
- Large Industrial Aftercoolers



## Compressed Air Dryer Products

- The electronic level control ensures proper draining of condensate and avoids unnecessary loss of air
- Noise free, as air is not discharged
- Working through the cycle timer.



**Blower Reactivated Dryers**



**Medical Air Dryers**

## Compressed Air Filters & Drain Products

- All the functions of the valve are accurately indicated by the LED display
- Intelligent Controller detects valve, probe failure and acts accordingly
- Inbuilt fault tolerant system ensures continues operation of drain valves



**Condensate Sensing Drain Valve - Series LDV**



**Drain Valve-Timer Type - Series CTD**



## Dryspell Plus - Heatless Air Dryers

- Provides a shuttle valve for low pressure drop that is controlled by the microprocessor- Operates over a wide Voltage range
- Equipped with a built in microprocessor based controller
- Equipped with a pre filter that has a borosilicate glass fibre element
- The pre filter drain valve is not only timer based but also gets activated by the controller



## Gas Generators Products

- Produce as per Demand
- Avoid Cylinder Availability Issues
- Avoid Logistics and Management Problem
- Faster payback period within a year and lesser.
- Eliminate safety risk associated with handling high pressure cylinders
- No safety risks associated with handling high pressure cylinders
- Can be used as mobile application also





### Oil less Compressors

- Easy to install and place
- Minimum maintenance and long life
- Maximum versatility
- Standard adjustable pressures up to 10 bar



### Dental / Medical / CAD-CAM Compressors

- Oil free to avoid residues to be removed and air contamination, for greater patient safety, reduced maintenance requirements and longer device life
- Special internal painting to preserve the air quality and the life of the tank
- Noise and vibration reduction for greater operator and patient comfort



### Breathing Air and Diving Compressors

- Latest generation materials with long-life surface and thermal treatments
- Advanced electronics for compressor management, air quality, assistance and communication
- Over 20,000 hours of operation with adequate maintenance



### Paintball and PCP Compressors

- Latest generation materials with long-life surface and thermal treatments
- Fast and constant charging
- Over 5000 hours of operation with adequate maintenance



### Industrial Compressors and Boosters for Industry

- Compression of air, helium, CO<sub>2</sub>, nitrogen, argon, inert gases, and gas mixtures at 40, 60, 80, 200, 300 or 425 bar
- Customization of electronic board parameters, data monitoring and MOD-BUS communication system for centralized control of multiple compressors
- Tests and experiments are the lifeblood of progress



### Methane and Biomethane Compressors

- Multiple accessories that can be equipped, such as fast-fill and storage systems
- Sustainable and less expensive alternative to standard fuels to power vehicles
- Technology can be used to refuel a new generation of vehicles
- Easily connected in centralized systems

## Pioneers in Material Handling Solutions

### Platform Truck

- Jost 3-wheel and 4-wheel platform trucks
- Cargo weighing between 1000 and 5000 kg
- Cargo weighing between 1000 and 5000 kg



### Tow Truck

- Medium and heavy-duty battery-operated material
- Loads up to 5000 kg and 10,000 kg
- Less maintenance, better power usage, and longer battery life



### Hand Pallet Truck

- Safe, strong, long-lasting, and incredibly
- Short-distance manual operations
- Order picking, loading and unloading, and stacking



### Electric Pallet Truck

- Versions of electric/battery operated pallet trucks
- Pallet handling at high speeds with their load-controlled drive
- Safety and comfort of the operators



### Reach Truck

- Powerful and energy efficient
- Technology suitable for indoor and warehousing applications
- Load capacities from 1.6 to 2.0 tonnes

### Electric Forklifts

- JFB : FLT-E
- C : 1.5/2/2.5/3T
- L.H : Up to 6560 mm
- TS : 10 & 11 km/h



### Diesel Forklifts

- JFB : FLT-D
- C : 2 / 3 Ton
- L.H : Up to 6000 mm
- TS : 20 km/h



## Scissor Lifts



Pit Mounted Scissor Lifts



Floor Mounted Scissor Lifts



Mobile Scissor Lifts



Vehicle Mounted Scissor Lifts



## Dry Running Rotary Vane

- Low noise level
- Easy to operate
- Dry running, environmentally friendly
- Process safe and reliable
- Robust and economical
- Many accessories
- Worldwide service

## Side Channel

- Reliable and built-to-last, virtually maintenance free
- Robust yet light weight
- For use worldwide
- 50/60 Hz motors
- ATEX 94/9 EG available for G-BH1 and G-BH7
- Adjustable speed via external or integral frequency converter for all G-BH models



## Oil Lubricated Rotary Vane

- Long vane life
- Low noise level
- Easy to service
- High water vapor tolerance
- Long service intervals
- For many industrial applications
- Oxygen conveying pumps available

## Rotary Lobe Blowers

- Highly reliable
- Simple configuration
- Operation-friendly and low maintenance
- Wide turndown capability
- Precise capacity fitting
- Robust design
- High durability







Ingersoll Rand.  
SimplAir® Piping System

*Mind Than Air, Peace of Mind*  
*A New Level of Reliability, Efficiency and productivity*

## SimplAir Piping System

*Your pipeline to greater cost savings and efficiency*



- All-metal system – Safer and more reliable than plastic
- High pipe-to-fitting engagement – Increases structural integrity
- Corrosion-resistant – Minimizes turbulence and pressure loss
- Recyclable piping material – Aluminum piping material can be recycled
- Lightweight and easy to handle – Up to 90% lighter than comparable steel piping
- Easy to install/modify – For faster, simpler setups and changes

*It's easy to design and install an efficient, effective Simplair® piping system for virtually any application.*



- 1** Attach saddle clamp with female threaded connector to header pipe



- 2** Screw male threaded connector into female connector



- 3** Attach drop piping to connector

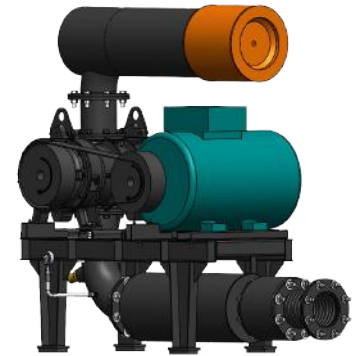
## TWIN & TRI LOBE BLOWERS

IRH Series

### ADVANTAGES

Wide range of volume, pressure & horse power

Bore	:	25NB TO 200NB (1" TO 8")
PRESSURE	:	1000mmWC to 7000mmWC (Air cooled) 8000mmWC to 10000mmWC (Water cooled)
HORSE POWER	:	0.5HP to 75HP (0.37kW to 55kW)
CAPACITY	:	26 TO 2786 m <sup>3</sup> /hr <sup>3</sup>



### DESIGN & TECHNICAL FEATURES OF TWIN & TRI LOBE BLOWERS

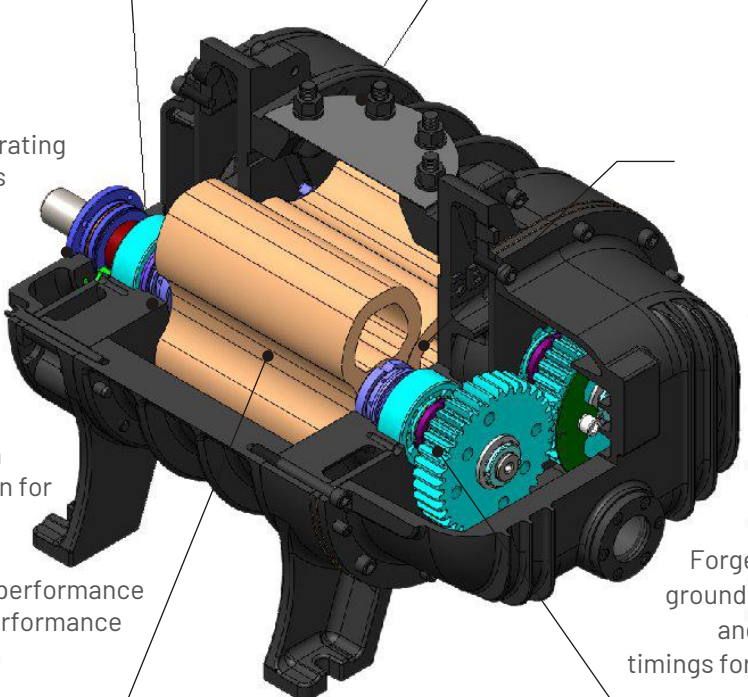
**Seal :**  
Low-wear, non-contacting, labyrinth-type seals ensure performance and long life.

**Casing:**  
All Ingersoll Rand Blowers units are single-piece construction and precision machined cast iron, with ribe for strength and consistent thermal behaviors

**Shafts:**  
Rotor shafts are alloy steel forgings that allow higher operating pressures and rotation speeds

**Rotors :**  
Made from cast iron or SG iron stainless steel with stiff design for maximum life.  
By CNC and 3D machinery control to ensure the highest performance providing with trouble-free performance and durability.

**Bearings:**  
Forged steel gears with hardened and ground spur teeth to reduced vibrations and ensures accurate rotor to rotor timings for smooth and efficient operation.





## Low Pressure Screw Compressor

- RSW oil-free low pressure screw compressor airend
- Delivers constant flow (volume) and variable pressure
- Internal compression supplies a steady, non-pulsating air flow



## Positive Displacement Blowers

- Mounted within a housing also called a conveying chamber
- Air conveyance from the top to the bottom
- Gas from the inlet to the discharge point
- Positive displacement lobe blowers are not considered compressors



## Turbo Blowers

- High nominal blower efficiency to maximize energy savings up to 40%
- A very compact footprint so the size of your compressor room can be minimized
- A plug & play inverter incorporated in the package
- Low vibrations and noise levels due to dynamic compression and direct coupling



## Multistage Centrifugal Blowers

- High Efficiency
- Designed for Variable Speed Operation
- Highest Pressure Range
- Adapted for Many Applications



## Side Channel Blower

- The impeller rotates with no contact between the rotating parts. Wear-and-tear is avoided and lubrication is not needed
- Space is limited improving the operating process and maximizing overall cost efficiency
- Reduced noise emissions are also assured by the absence of air pulsations



## Vacuum Pumps

- The liquid ring vacuum pump series assures reduced water consumption, low noise and vibrations, minimum maintenance.
- The range includes complete groups (KRVS, CRVS, LRVS), especially developed for the vacuum generation in different sectors.



## Centrifugal Pumps

- Perfect solution to convey different types of liquids, offering high fluid dynamics efficiency thanks to their heavy duty features and long life components
- Solutions with suspended crystals or fibrous materials and outfitted with closed and recessed open impellers



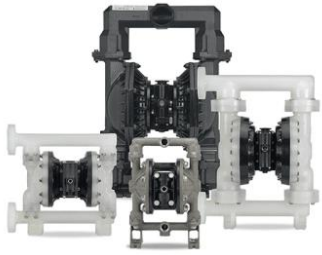
## Customised Packages

- All these components are controlled and monitored directly from the control room or through remote control.
- The pumps are supplied with an ejector with bypass, in order to reach the requested operation conditions even with sea water as cooling liquid.



## Engineered To Order Blowers And Compressors

- We cover all product development tasks, from material requisition to instrumentations, welding, testing, certification, and logistics
- The result is a high performance solution



## Air Operated Double Diaphragm Pumps

- Diaphragm pumps reliably transfer a wide variety of fluids, from clean, light viscosity to medium viscosity
- Air valve design ensures stall-free, ice-free operation



## Electric Diaphragm Pumps

- Versatility of a diaphragm pump with the efficiency and controllability of other positive displacement pumps
- Built-in motor thermal protection



## Piston Pumps

- Piston pumps are capable of handling a range of viscous fluids
- Piston pump applications, including oil and grease, paint and spray coatings, adhesives, sealants and much more



## Filters, Regulators & Lubricators (FRLs)

- Clean air is a key ingredient that enables the effective and efficient operation of tools, equipment, and machinery in almost every industry
- Using air preparation devices, such as filters, regulators and lubricators



## Lubrication Equipment

- Pump motor and gear oils, transmission fluid, and standard and industrial greases
- Lubrication application, from service garages to lubricating heavy mining or construction equipment



## Pneumatic Valves & Cylinders

- High Flow Or Compact Design
- Fluid Power Products For Your Compressed Air Needs
- Silverair, Economair, and Provenair are popular lines

## ARO Pump Parts, Repair Kits & Accessories



Piston Pump Parts & Accessories



FRL Parts and Accessories



Lubrication Parts & Accessories



Authentic ARO Repair Kit Finder



**Mind Than Air, Peace of Mind**  
*A New Level of Reliability, Efficiency and productivity*



### C Series

- Capacity : 1 Ton - 10 Ton
- Height of Lift : 3 Meter - 30 Meter
- Suspension : Hook / Trolley
- Load Chain : 1 Ton and 2 Ton (6.3MM)  
3 Ton and above (10MM)
- Hand Chain : 5MM
- Duty : Light to Medium



### M Series

- Capacity : 1 Ton - 20 Ton
- Height of Lift : 3 Meter - 50 Meter
- Suspension : Hook / Trolley
- Load Chain : 1 Ton and 2 Ton (6.3MM)  
3 Ton and above (10MM)
- Hand Chain : 5MM
- Duty : Light to Medium



### P Series

- Capacity : 1 Ton - 10 Ton
- Height of Lift : 3 Meter - 50 Meter
- Suspension : Hook / Trolley
- Load Chain : 1 Ton and 2 Ton (8MM)  
3 Ton and above (12MM)
- Hand Chain : 6MM
- Duty : Heavy

## DGEOT Crane

- SWL Range varies from 5T to 70T with a lift height of 24 meters.
- Low headroom or raised up crane as per the shed size
- Available with differing speeds for travel and hoist motion
- The welded box girder is designed for maximum rigidity and optimal deadweight



### Electric Chain Hoist HC+

- Supports a range of 0.25T to 5T
- Tested for SWL 25% overload condition
- Rugged Italian design
- Gravity dye cast gearbox body and case
- Precision machine cut case, hardened steel alloy gears and load chain wheel



### iR Series

- Compact, modular and flexible design that is economical in use
- High performance gearbox with efficient motor
- Fact acting, fail-safe AC/DC brakes
- Available with Single and Dual speed options
- Protective rope guide



### Air Conditioner Motors

- Vertically integrated motor
- Highly reliable air conditioning
- High torque & efficiency and as low noise



### Refrigeration Motors

- Commercial refrigeration motors
- HVAC & General-purpose motors range
- PSC & the high-efficiency EC/BLDC range



### Air Moving Solutions

- Patented blower housings and
- Impeller construction-Galvanised steel, Plastic
- Uses standard or high efficiency impellers



### General Purpose Motors

- Powder coated sheet Metal Body with aluminum or cast Iron End cover
- Pre-Loaded Bearing system for Longer Life
- Enclosure available are DP



### Wet Rice Grinder Motors

- High Efficiency, Long life motors
- High Starting Torque, Low Noise Design
- Low Voltage Operation



### Cooler Motors & Exhaust Fans

- Wide Range Available
- Impeller designed for High speed
- Heavy duty design for industrial and commercial establishments



### DC Motors

- DC motor development & reliability exercise
- Mechanically & electronically customized
- Motors include constant torque, constant speed and constant airflow

## Electric Motors



### Ultimo - IE4 Motors

- Range: 0.09 kW to 1000 kW
- Mounting: Foot (B3), Flange (B5), Face (B14), Foot cum Flange (B35) and combinations
- Frequency: 50/60 Hz



### Supremo - IE3 Motors

- Range: 0.09 kW to 1000 kW
- Mounting: Foot (B3), Flange (B5), Face (B14), Foot cum Flange (B35) and combinations
- Frequency: 50/60 Hz



### Supremo - IE3 Motors

- Range: 0.09 kW to 1000 kW
- Mounting: Foot (B3), Flange (B5), Face (B14), Foot cum Flange (B35) and combinations
- Frequency: 50/60 Hz



### IE2 Motors

- Range: 0.09 kW to 1000 kW
- Mounting: Foot (B3), Flange (B5), Face (B14), Foot cum Flange (B35) and combinations
- Frequency: 50/60 Hz



### Cooling Tower Motors

- Rang: Up to 200 kW
- Mounting: B5, Shaft downward position V1
- Frequency: 50/60 Hz

## Gear Motors



### Gear Motors

- Range: 0.09 kW to 180 kW
- Mounting: Foot ( B3, B6, B7, B8, V5, V6), Flange ( B5, V1, V3), Shaft Mounting
- Frequency: 50/60 Hz



### Brake Gear Motor

- Range: 0.09 kW to 45 kW
- Mounting: Foot ( B3, B6, B7, B8, V5, V6), Flange ( B5, V1, V3), Shaft Mounting
- Frequency: 50/60 Hz



### Heavy Duty Parallel Shaft Gear Motor

- Range: 0.09 kW to 180 kW
- Mounting: Foot ( B3, B6, B7, B8, V5, V6), Flange ( B5, V1, V3), Shaft Mounting
- Frequency: 50/60 Hz



## GreenStar

PMSM Gearless Belt Machines for Passenger Lift

- Suitable for elevators with or without machine room
- Energy saving up to 30%
- Low noise
- No oil spillage problems
- Key components are imported



## GreenStar Mini

PMSM Gearless Machines for Home Elevators

- The new Greenstar Mini simplifies vertical mobility inside your homes
- Travel comfortably to every floor
- Greenstar Mini operates on single - phase 230V domestic power supply
- Unique design and layout permit entrances from three sides



## GreenStar Max

PMSM Gearless Machines for Heavy Duty Goods

- Outstanding torque
- Capacity up to 2500 kg with 2:1 roping
- Static load up to 5000 kg
- Cantilever design
- Outstanding torque and cogging characteristics



## Greenstar Belt machine

PMSM Gearless Belt Machines for Elevators

- Greenstar Belt machine which offers energy saving (upto 30%) caters
- Increasing requirements of elevator market for belt machines
- More flexible Polyurethane coated steel belts deployed
- Space saving and smooth, quiet and precise operation



## Greenstar Max Heavy duty goods lift machine

PMSM Gearless Machines for Home Elevators

- good lift is extended to heavy load carrying capacities up to 5 Tones
- It comes with bed plate which provides strong foundation
- Simple installation and maintenance free as compared to large gear boxes

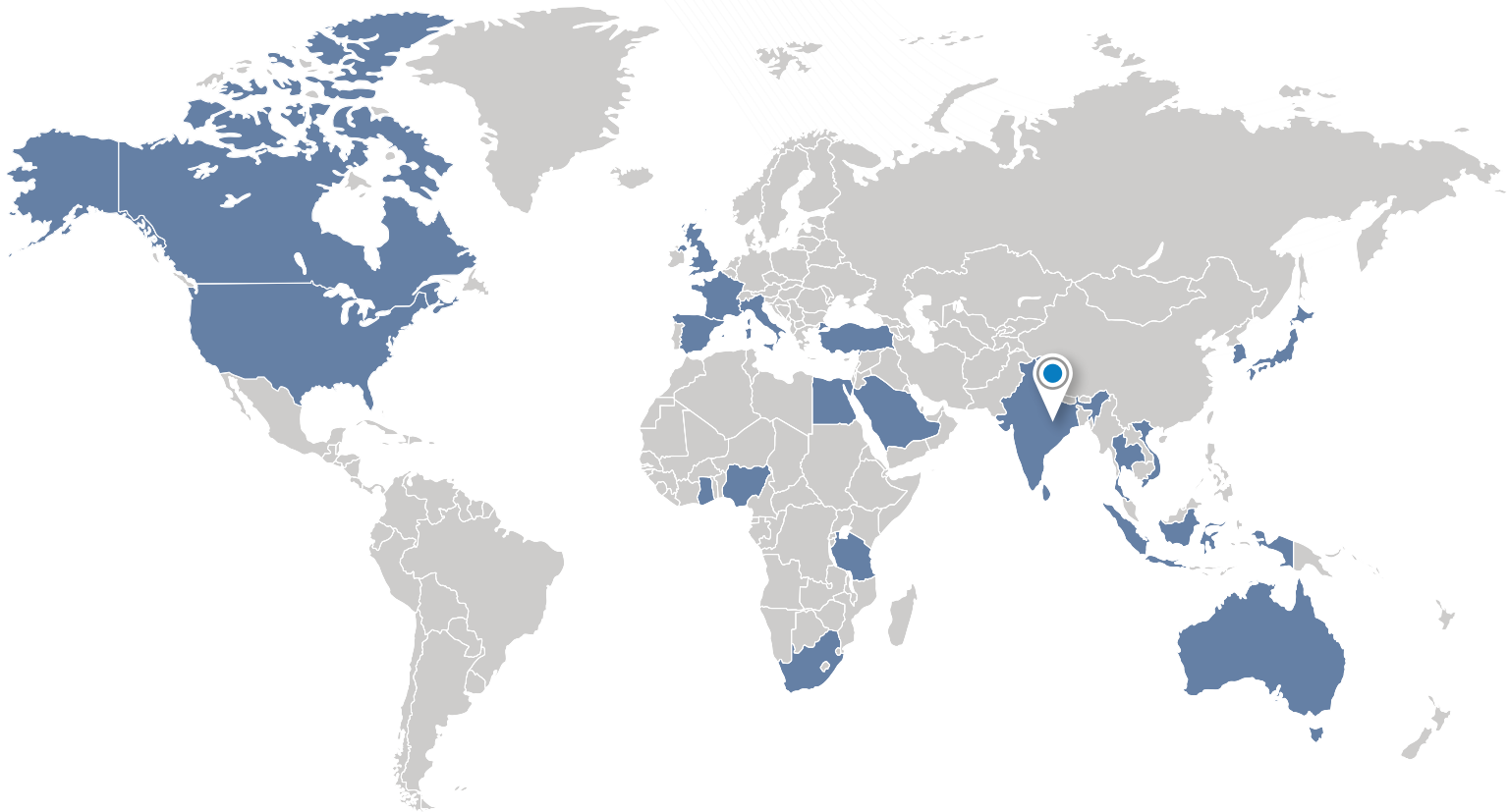


## Industrial Clients

We take pride in supplied our air and gas systems to reputed companies the world over. Our extensive reference list is available on request. Some of our esteemed clients are given below.



# Sourcing & Supplying Across the Globe



## OUR TRADING PARTNERS



Europe



America



Africa

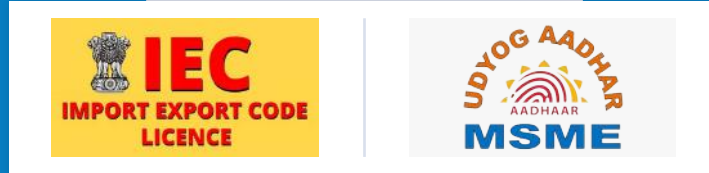


Asia



Far East

Registered with



## OUR IMPORTANT SPECIAL SERVICES



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