

Large investments needed for infrastructure to grow



Infrastructure in India is gaining importance and a number of public private partnerships (PPPs), targeted at \$1 Trillion, is receiving support from the government. India needed huge investment and the private sector has a major role to play on its own as also in association with the government

-Amit Kapur, Director, Everest Group

Everest Group was established in 1980, with the manufacturing of twin lobe rotary air blowers. Over the years the company has expanded its technology base, bringing a wide range of products. With one state of art manufacturing facility in New Delhi, India, and another two modern manufacturing facilities in Bahadurgarh and Haryana, India. The company is ISO9001:2008 certified which attests its quality. Facilities include in house design, production, manufacturing, quality control, inspection and after sales service.

Everest has a complete marketing infrastructure all over India. A focus on innovative design and high quality machined parts has earned Everest a reputation for excellent workmanship amongst its users. For nearly three decades, Everest has offered its customers quality, cost-effective machines necessary to meet the changing technology. Our commitment to total quality in both our products and services is the foundation upon which our future business is based.

Trilobe Blowers and different products

Until about five years back most of the blowers (Roots Blowers) being used by industry were twin lobe type. However, a new design known as the tri Lobe roots blowers, has started replacing the conventional twin lobe type roots blower. There have an advantage of

smooth flows, lesser pulsations & comparatively lower noise levels.

Everest Group also introduced trilobe blowers to Indian industry about three years back and today offers trilobe blowers from 20 m³/hr to 10,000 m³/hr in single stage and up-to any capacity in parallel configuration.

Similarly in the field of vacuum systems, conventional energy intensive & highly polluting technologies have been replaced with sustainable, clean, green, environment friendly technologies using dry screw vacuum pumps. Everest was once again a pioneer to introduce such systems to the Indian industry which are widely used by chemical, pharmaceutical, waste oil re-refining, food, & electrical sectors.

Root Blowers

Everest Group is proud to share that they has an installed capacity for design, manufacturing, assembly, testing and supply of about 1000 roots blowers per month. This includes about 800 blowers upto 15 HP and about 200 blowers beyond 15 HP, upto 300 HP. Additionally the group has a capacity for manufacturing of 45-50 industrial vacuum systems per month.

The major application areas of roots blowers are as under:

- Water Treatment Plants – For



- backwashing of filter/mixed beds
- Effluent Treatment Plants – For diffused aeration and agitation of effluent
- Cement Plants – For blending, aeration, fluidisation & conveying
- Aquaculture – For maintaining the dissolved oxygen level
- Chemical Plants – For supplying of process air
- Electroplating Plants – For oil free air agitation of electrolyte
- Paper Plants – Knife edge coating, drying, conveying, vacuum pick-up
- Yarn Drying – Vacuum / Pressure drying of yarn
- Vacuum Moulding – For creating quick vacuum
- Polyester Chip Conveying & Drying – For transfer of polyester chips and other similar material
- Bag Filters – For reverse cleaning of filter bags
- Pneumatic Conveying – Vacuum, Pressure & Combination conveying of cereals, cement, husk, granules, powders and other similar material
- Regeneration of Dryers & Molecular Sieves.

Everest Group is a radical innovator and they expand the market. Most of other players in the industry work as incremental innovators. Incremental innovators focus on trying to grab market share from the competition and fight within the existing market space. Radical innovators go a step further. They create a brand new space for themselves and bring in buyers from two streams: existing and brand new. Amit Kapur, Director, Everest Group says "The USP of Everest Group is we don't just offer blowers, boosters & systems, we offer solutions".

"The biggest challenges faced by any industry is being innovative. The strong application engineering approach helps to be innovative. We understand the requirements of our customers and try to offer them the solution which is best for them", he adds.

Water Segment & Automated systems

One of the most important segments where products and services are

extensively being used is treatment of water & waste water (sewage treatment plants, effluent treatment plants, sea water desalination etc.). This segment is bound to grow with the increasing scarcity of water, which is now being seen as the second most expensive commodity after crude, in times to come. The group is sure that this shall definitely result in drastic increase in the demand for their equipment.

Another major demand surge shall be due to the ongoing automation in the industry as a whole. Rising manpower costs and the need for being competitive is forcing industry to give away with old, inefficient, conventional operator dependent systems. Industry is now switching over to automated systems which are more efficient in terms of power, space and operator dependency. This is giving an opportunity to explore new application areas for the product range and shall definitely help in terms of increased demand for the equipment.

Unique advantages of Everest blowers

Everest Group has strongly realised and felt the shift of the industry towards green solutions. The Group stands today as a fully integrated and diversified company involved in the engineering, evaluation, designing, manufacturing, testing, execution, post sales & service of pressure & vacuum systems.

"We aim to build the most cost-effective development firm, through the blending of our world-class 'best practices' with local experience and knowledge. We cater to the needs of local emerging economies." says Mr. Kapur.

Everest is the largest producer of roots blowers in South East Asia having effective presence in STP & ETP (Waste water treatment) industry, pneumatic conveying systems, aeration systems, aquaculture etc. to name a few. The Group has diversified into design & installation of innovative systems for chemical & pharmaceutical industry based on technologies which have low impact on the (environment friendly), are energy efficient and have low operation

& maintenance costs. The demand for such systems is growing exponentially due to increasing environmental awareness and corporate responsibility.

The technology is very flexible, they can custom manufacture special blowers, boosters & vacuum systems by alloying and cross linking diverse designs to suit individual requirements.

Manufacturing facility

Everest Group currently operates through three state of art manufacturing facilities. These include the parent company Everest transmission at New Delhi and other two group companies, Everest blowers & Everest blower systems at Bahadurgarh, Haryana. Facilities include in house design, production, manufacturing, quality control, inspection and after sales service. All the manufacturing facilities are equipped with latest CNC machines from USA resulting in production of world class, reliable & dependable Everest blowers & vacuum systems.

Exports & Expansion Plan

Everest Group is currently exporting its blowers & vacuum systems to a lot of countries including US. However, the percentage of exports is relatively small viz-a-viz the total group turnover. The only untapped markets as on date include the European markets and the Russian federation. The group has already explored the same & has identified a few local players who are ready to represent Everest Group in their region. They hope to successfully capture the same within a span of next 10-12 months.

Everest Group has recently acquired another plot of land in Bahadurgarh, Haryana, where building of the new factory has started. The new facility shall be an expansion of the existing group company Everest blower systems and shall produce dry screw vacuum pumps and industrial vacuum systems for process industries. Production is expected to start within next 10 months. This facility will make Everest Group one of the largest vacuum system integrators in the country. ■