

MODERN INTERNATIONAL has an impressive list of corporate credentials, which includes Companies of the International repute from Europe, South Africa, Canada, USA etc. whose products are marketed by them.

The success of MODREN INTERNATIONAL is attributed to their customers. Technically qualified and experienced service personnel provide the clients requirements of warranty and post warranty services.



China Railway Engineering Equipment Group Ltd, China

CREG is the leading TBM manufacturer in China. They have been manufacturing and rebuilding TBMs for over 10 years. Within the first two years over 20 machines had been manufactured and much experience of the problems and their solutions had been gained. The geology and requirements of each project is taken into consideration in detail before any proposal or design is suggested. CREG recommend the type of machine for each project along with auxiliary and support systems which may include Grouting equipment (two liquid or single liquid), Ground conditioning equipment, Slurry circulation and treatment systems, Tunnel conveyor systems and Probe drilling and grouting equipment. The type of machine will depend primarily on the geology and on the specification and requirements of the project.

After the takeover of Wirth TBMs, CREG can now offer a complete range of Tunnel Boring Machines, such as, EPB machines (where ground has more clay content and where the cover is low), Slurry TBMs (generally used in more granular material, through mixed faces with high rock content and where water table is high), Hard rock TBMs (which could be double shield type for fractured and faulted rock or open type Gripper machines in competent and stable rock conditions) or Pipe Jacking machines (for short drives in urban conditions just below the surface).



Datwyler Sealing Technologies Deutschland GmbH, Germany

Datwyler develops compression gaskets for bored tunnels using the shield-driving method, lined with prefabricated segments made of reinforced concrete. Datwyler develop these sealing systems individually to meet the specific design of each tunnel with respect to geology, water pressure and design requirements. Datwyler has already developed numerous profile geometries and brought those into use in more than 450 tunnel projects around the world. Datwyler seals keep tunnels water tight, thus contributing significantly to uninterrupted operation, protection of electro-mechanical equipment and long service life of the tunnel. Datwyler also offers Starting Seals for TBMs for sealing the gap between the excavation line and TBM.



Optimas OE Solutions, France

SOFRASAR TUNNEL PRODUCTS

Optimas manufactures custom-engineered component solutions that are built to overcome the complex challenges inherent in specialized design and manufacturing applications. For over 20 years, tunnel infrastructure project owners around the world have come to trust Optimas' team for their technical skill, industry knowledge and tailored fastener solutions. Using their "fit for purpose" expertise, the ideal fastener solution is determined to suit the exact size, torque and resistance application - from dowel, bolting and injection systems to anchors and accessories. Customers rely on Optimas components division for speedy, on time delivery and reliable service. We help in minimizing cost and improve productivity.



K.-H. Muehlhaeuser GmbH, Germany

Muehlhaeuser is the worldwide leader in transportation engineering for tunnelling. They manufacture a very diverse range of products for all kinds of galleries, hydroelectric projects, transport tunnels, water supply tunnels, etc. The specialized equipment is tailored to each specific project for the optimal transportation of all types of material, whether for supplying or disposal, and in both conventional and mechanized tunnelling. One significant factor in the world-renowned performance of Muehlhaeuser products is their exceptional high quality based on oversized components. This represents a vital reserve capacity in terms of safety and workload even under the most extreme conditions. In addition, the wide range of products backed by the rental fleet allows for the highest degree of availability, even for special and short term requirements. The range of equipment includes Muck Cars, Concrete Remixers, Silo Cars, Grout Cars, Segment Cars, Flat Cars, Boom & Basket Cars, Men Rider Cars, etc.



Schöma – Christoph Schottler GmbH, Germany

SCHÖMA is the undisputed world-market leader for tunnel locomotives. SCHÖMA offers the full spectrum of diesel-powered tunnel locomotives, in the range of 5 to 60 tonnes and with an engine power of up to 400 kW. SCHÖMA locomotives are customized to meet any project requirements; when performing the technical design, even extreme requirements are considered, such as, narrow tunnel cross-sections, tight curve radius, high performance requirements, safety requirements, extreme gradients, etc. Tractive force, speed range, width, height, length, coupler system and weight can be modified according to customer's requirements. The hydrodynamic locomotives have a high level of flexibility and reliability with regard to the operating type, application field, output and configuration. A sturdy, functional and maintenance-friendly structure is the trademark of the hydrodynamic locomotives.

SCHÖMA also offer environmentally compatible battery-powered tunnel locomotives in the range of 5 to 15 tonnes and track gauges from 600 to 900 mm. The electrical drive power varies from 30 to 70 kW. SCHÖMA battery locomotives provide a convincing operating duration of at least 8 to 10 hours without any need for battery replacement or recharging.



CBE Group, France.

CBE design and create high precision precast formworks for the production of concrete pieces, their handling equipment and turnkey precast facilities, for segment moulds for tunnels, armour units, railway sleepers or shaft moulds. CBE Group specializes in the engineering and the manufacture of metal moulds, handling equipment and industrial plants for the production of concrete segments, which are used for lining of the tunnels after drilling by a TBM. CBE's strength is based on more than 25 years of experience regarding all possible tunnel configurations. CBE manufacture both stationary segment plants as well as automated carousel systems. With the carousel system, the moulds are automatically conveyed to their designated work stations: preparation (cleaning, lubrication, accessories), installation of metal reinforcement, concreting, final smoothing and curing. Handling requirements are numerous in concrete prefabrication. CBE provides customized solutions for handling of the concrete segments.



Ocmer Co. srl, Italy

Ocmer specializes in the design and production of machines and equipment for sprayed concrete and refractory mix applications. They manufacture a complete range of rotor machines for wet and dry sprayed concrete application which can also be adapted for the pneumatic conveyance of pea gravel. With four different models, each having different size of rotors, an effective spraying capacity from 0.3 to 18 cu.m/hour is available. Ocmer have also developed all the relevant ancillary equipment, such as, spraying arms, dosing units for liquid and powder chemical admixtures, feeding and prehydrating systems, etc.



Acimex, France

Acimex, a subsidiary of CBE, France is the leader in the domain of industrial gripping and lifting of heavy loads and pieces. Acimex design and manufacture vacuum devices for the handling of concrete, steel or PVC pieces and large scale tubes and pipes. Acimex means reliability, safety, experience, knowledge and quality, regarding customized equipment for lifting, tilting, turning and storing large and heavy pieces. They develop systems able to lift and handle up to 30 tons in full safety. Acimex also offer turnkey solutions for the realization of complete handling lines, elaborated in partnership with the customers' technicians.



Newstar Plastic Industry Co Ltd, China

Newstar manufactures high pressure flexible ventilation ducting for transportation of fresh air for underground mines and tunnels. Newstar's extensive line of PVC coated fabrics are designed and produced in-house to meet the demands of underground ventilation. High efficiency, leak-proof couplings are offered which are critical to the successful installation of ventilation systems.



Nanchang Kama Co Ltd, China

Nanchang Kama offers mounted industrial Snow Blowers for Wheel Loaders and Tractors with snow removal capacity ranging upto 3200 tonnes per hour. Practical and economical, the detachable snow blowers will adapt to all types of equipment for use in the toughest conditions.



SG Electrical Equipment Suppliers & Manufacturing Pte Ltd, Singapore

SG Electrical Group of Companies is a major supplier of temporary electrical equipment and cables for the international tunnelling, mining and general construction industries. They specialize in the supply of Containerized Switchrooms, Containerized Substations, Transformers, High Voltage Switchgear, Low Voltage Distribution Boards and Motor Starters, High Voltage and Low Voltage Cables, Cable Accessories (Couplers, Junction Boxes, etc), Tunnel Lighting systems and Tunnel Communication Systems. They also supply Grout Plants which has been developed for the tunnelling industry to supply grout to the TBM in the tunnels for the purpose to do backfill grouting on the TBM during the excavation.



Our Values & Beliefs

Entrepreneurship
We seek opportunities – they are every where

Teamwork
Going beyond the individual

Deliver the promise
We value a deep sense of responsibility to meet and surpass on commitments

Learning
Nurturing active curiosity

Respect for Individual
We treat others with dignity, sensitivity and honour

Work Compass

- To provide an effective marketing setup for our Principals in India
- Identifying clients and marketing on behalf of our Principals.
- Providing technical and commercial support to our Principals.
- Extending assistance to clients in selection of equipment.
- Providing service support to our clients.
- Extending support to clients in procuring second-hand machinery

MODERN INTERNATIONAL has manufacturing facilities through its sister concern, Modern Engineering Works located in Rourkela to manufacture structural components, such as muck boxes for the Muck Cars, etc....

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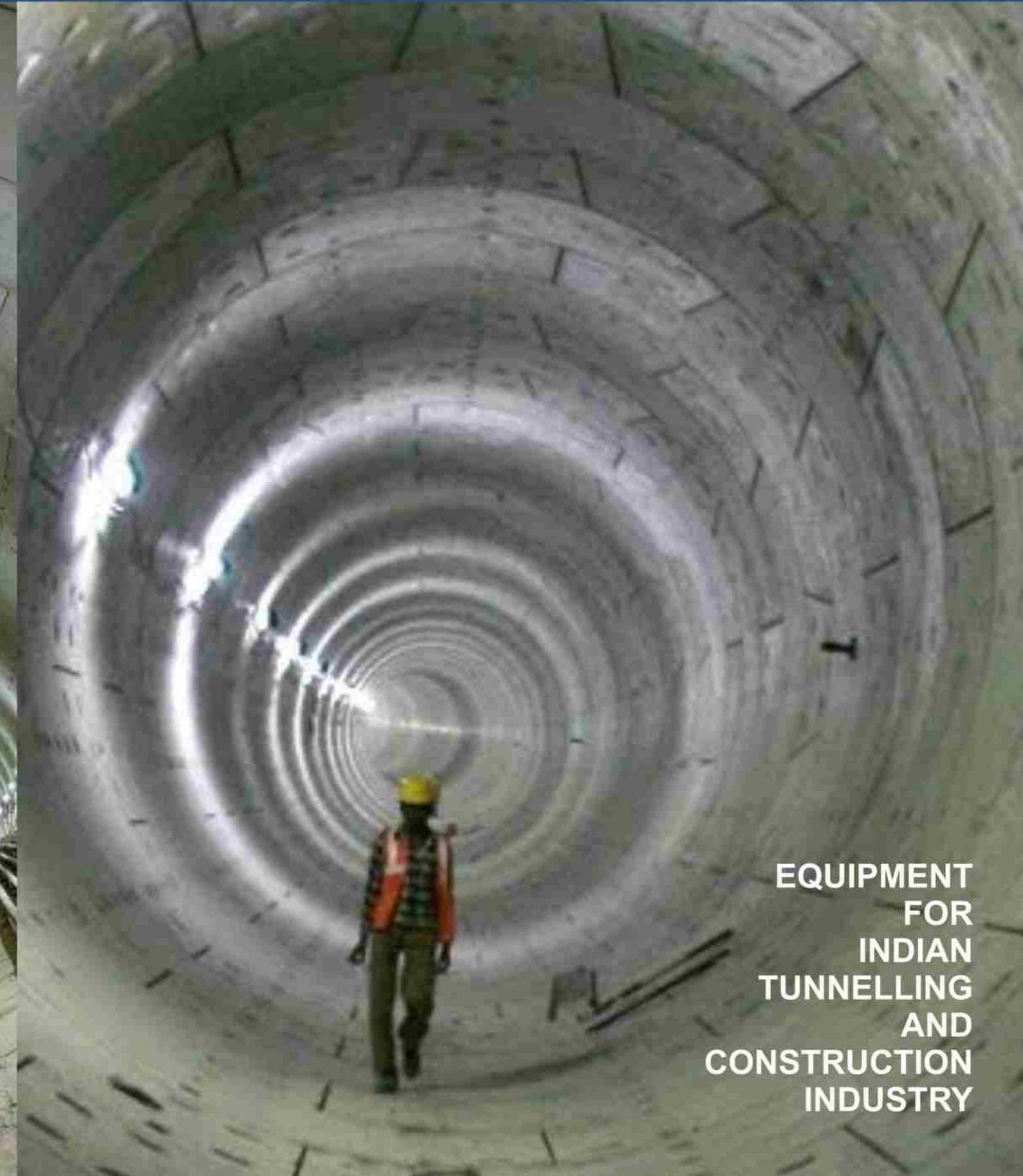
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MODERN INTERNATIONAL

MODERN INTERNATIONAL is professionally managed by a team of highly qualified and experienced techno-commercial personnel from the field of marketing of construction equipment. The company started operations in 2006 and has developed into a major supplier of equipment for underground works such as hydro-electric projects, metros, irrigation tunnels, railway, mining and roads tunnels, etc.



**EQUIPMENT
 FOR
 INDIAN
 TUNNELLING
 AND
 CONSTRUCTION
 INDUSTRY**