



MACHINES, EQUIPMENT & EXPERTISE

For Infrastructure and Civil Engineering Projects
Serving Middle East Contractors since 1979.

It is our strict company policy to provide material, equipment, machines and technical service only if we are convinced that our proposal represents technically the best and also the most economical solution for the specific project requirements.

All our offers and recommendations are based on 35 years international experience, the know-how of our business partners and actual world market prices. We meet our clients with an open heart, examine their needs carefully and aim to enter into a fruitful and long-term cooperation based on mutual trust and our technical competence.

We are also ambitious to meet and exceed international health, safety and environmental standards and provide our clients with outstanding service throughout the complete project period.

We are very pleased and a bit proud that infrastructure and civil engineering contractors from more than 40 countries make use of our expertise and service and we take this opportunity to thank all our customers for their trust, confidence and continuous support.

Karl H. Pacik
Managing Director



CONSULTING

The actual sale of machines or equipment is only the result of a decision making process: Evaluating the project and site conditions, defining the structure to be built, observing the time frame, local and international standards, considering technical alternatives and much more. We do this very seriously seeing our work as an 'application consultant' and our customers can rest assured that the offered product is the right one for the job.

Together with Katzkow & Partner in Vienna we are also able to provide detailed design and consultancy service for a wide range of infrastructure and civil engineering projects and some examples are:

- Design of the diaphragm wall for three deep shafts with 42 m diameter and 70 m depth for the Jeddah North sewerage system.
- Design of the foundations and the temporary dewatering system for a new slip way project in Bahrain.
- Design of micropile foundation system for the Shams 1 solar power plant project in Abu Dhabi.





SHORING

We offer a complete range of traditional and mechanised shoring systems for open-cut trenches and excavation supports for depths from 1 to 15 m, for every soil condition and even the most demanding project requirements. This we do since more than 35 years in many countries around the world.

- Trench sheets (overlapping, cold rolled)
- Light sheet piles (interlocking, cold rolled)
- Heavy sheet piles (interlocking, hot rolled)
- Trench struts, walers and manhole frames
- Trench boxes (light and standard)
- Single and double slide rail elements
- Soldier pile shoring
- Shaft, pit and chamber shoring
- Tie rods and anchors





DEWATERING

Excavation can be made much easier and safer if the ground water level is lowered and carefully controlled. Our line of vacuum assisted centrifugal pumps in the range from 4" to 12" with diesel or electric motors are the optimum choice for a wide range of applications. In addition we offer submersible pumps, pumps for sewerage overpumping and dredging pumps with agitator.

- Vacuum assisted centrifugal pumps
- High pressure jetting pumps
- Selfpriming contractor's pumps
- Diaphragm pumps
- Waste water pumps
- Submersible drainage pumps
- Dredging pumps with agitator and excavators
- Deep well material and equipment
- Accessories (pipes, hoses, filters, fittings)





TUNNELING

We are specialised in machines and equipment for the trenchless installation of pipes with diameters from 600–4000 mm and larger. These pipes are mostly used for water, sewerage, drainage, oil, gas and cable ducts and are laid in all soil conditions from flowing sand, clay and gravel up to hard rock. In addition we supply EPB shields and hard rock TBMs up to 14 m diameter.

- Thrustboring machines
- Pipejacking equipment
- Microtunneling equipment
- Hard rock tunnel boring machines
- Earth pressure ballanced shields
- Tunnel mucking equipment
- Conveyor systems





PILING

Our piling machines and equipment are designed to drive and extract sheet piles, H-piles, steel pipe piles and precast concrete piles of any size with unmatched performance. We also supply piling materials as well as special equipment for soil improvement works.

- Hydraulic add-on vibrators
- Crane suspended vibrators
- Diesel impact hammers
- Hydraulic impact hammers
- Telescopic piling leaders
- Hydraulic piling rigs
- Boom-mounted leaders
- Crane-based piling rigs
- Wick drain vibrators



DRILLING

Drilling (in our understanding) covers all vertical and inclined bores up to 400 mm diameter especially for anchors, micropiles, grouting, jetgrouting and soil investigation. Our hydraulic drill rigs with different drilling systems and a wide range of tools are the perfect choice for many applications.

- Hydraulic crawler drill rigs
- Auger drives, drifters and double drill heads
- Down-the-hole hammers
- Drill rods, drill pipes and tools
- Grout mixers, pumps and plants
- Jetgrouting equipment
- Strand and bar anchors
- Micropiles





FOUNDATION

Our foundation rigs and equipment make insitu concrete bored piles with or without casings from 500–3000 mm diameter and up to 70 m depth. For diaphragm and secant pile walls special equipment is available to cover all projects requirements.

- Hydraulic foundation rigs
- Drilling tools (augers, buckets, core barrels)
- Hammer grabs for piles
- Grabs for diaphragm walls
- Hydraulic casing oscillators
- Casings and casing joints
- Bentonite processing equipment
- Vibroflotation equipment
- Pile breakers
- Equipment for soil improvement



SUPPORTING

Some products and services can not be categorised but are offered to assist contractors to execute special projects more economical and efficient.

- With our telescopic excavator booms we reach depths of up to 20 m for excavating manholes, shafts and other deep areas.
- Hydraulic drum cutters are the ideal tool for cutting concrete or rock very precisely or when other techniques (rock breaker, blasting, etc.) are not applicable.



SECOND HAND EQUIPMENT

Are you looking for used equipment? Check our website www.imeco.at!

Please do not hesitate to contact us at any time if you are looking for other products which are not listed.

 imeco@imeco.at

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You will find a regularly updated list of second hand equipment from various manufacturers for:

- ⊙ hydraulic vibrators
- ⊙ piling rigs with vibrators
- ⊙ piling rigs with impact hammers
- ⊙ diesel hammers
- ⊙ crawler drill rigs
- ⊙ foundation rigs
- ⊙ crawler cranes



CRAWLER CRANES

We offer new and used crawler cranes for three main purposes within our business line:

- Cranes with a capacity of 50–80 tons to work with our hydraulic vibrators for driving and extracting sheet piles, H-piles and casings.
- Heavy duty lifting cranes with a capacity up to 300 tons and three winches to support long and heavy conventional piling leaders with up to 70 m length to work mainly with diesel hammers and heavy rotaries.
- High powered foundation cranes with free-fall winches and single line pull capacities up to 30 tons to operate diaphragm wall grabs and cutters.



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