

Jos. Hansen & Soehne

Water Engineering – Turnkey Water & Sewage Solutions



AMIAANTIT TRADING

AMIAANTIT – Group of Companies



The Amiantit Group is an internationally operating organisation with a track record of growth-oriented success. Its mission is to provide customers throughout the world with pipe solutions for water, sewage, gas, oil and industrial applications as well as with trading goods. The services offered also include pipe technologies and water management services of superior quality and value.

The company has a convincing history of long-term growth and profitability and a competitive position, thanks to the experience and commitment of its staff and



its performance. Therefore they are looking forward with confidence to achieving their vision of global leadership. Faced with the challenges of globalisation, Amiantit has dramatically expanded its international presence in recent years.

A multicultural management team with a shared vision guarantees an extensive product range and customers are serviced by many local sales organisations worldwide.

Jos. Hansen & Soehne

As part of its international expansion strategy, Amiantit has acquired the majority shares of Jos. Hansen & Soehne GmbH, a well known and experienced German based supply and engineering company with subsidiaries in Africa.

Jos. Hansen's current delivery programme concentrates on areas which are particularly important for the development of economic and social infrastructure such as water, agriculture, industry, research, education and health. Jos. Hansen focuses on sophisticated goods for importing to Africa such as machine tools, water pumps, pharmaceutical products, mining products, laboratories and equipment. The need for potable water in Africa inspired Jos. Hansen to develop engineering expertise and to work as a main contractor to carry out water supply and sewage projects for capital cities. Within the last 35 years, more than 100 projects have been completed successfully. Overall, Jos. Hansen has structured its business in 6 different divisions:



- Machinery and Industrial Equipment
- Geodetic Instruments and Broadcast Systems
- Equipment for Research, Education and Health
- Pumps, Valves and Pipes
- Energy Industry Solutions
- Water Engineering

Jos. Hansen, with its dedicated and well-qualified staff, provides its clients with a professional service that covers almost every need. An extensive network of local companies in Africa intensifies acquisition and guarantees customers after-sales service and spare parts. It also guarantees a reliable and fast supply of all products to their clients.

Water Engineering



Laying of DN 200 up to DN 500 trunk mains in Iringa, Tanzania

Jos. Hansen has already completed countless projects to full customers satisfaction.

In recent years, the Jos. Hansen & Soehne GmbH / JR International Bau GmbH joint venture has handled a total project volume of more than EUR 100 million as main contractors for water supply and sewage plants incl. the supply and installation of PE, PVC, uPVC, clay, steel, ductile-iron and GRP pipes.



Together with JR International Bau GmbH of Martinsried nearby Munich, whose roots date back to 1893, Jos. Hansen is one of the key players in the field of well-known and experienced contractors for turnkey water supply systems and sewage plants.

Turnkey means full dedication to the employers' requirements and the scope of work from commencement up to final completion including:

- medium voltage substations up to 33 kV with overhead line facilities, indoor / outdoor switchgear, distribution transformers up to 2 MVA
- stand-by generator sets for emergency power supply rated up to 2 MVA, incl. fuel storage tanks, control panels for automatic mains failure operation and synchronization



Horizontal pressure filters for iron removal incl. pipe work at Akwa Ibom, Nigeria



High Lift Pumping Station at Crossriver, Nigeria



Six pumping sets, each with a capacity of 833 m³/h in Kampala, Uganda



415 V motor control centre, control panel and flow meter panel in Kampala, Uganda

- fuel storage tanks for generator sets
- borehole / horizontal and vertical pumps with electrical or diesel drive motor
- surge investigation / surge protection equipment
- chemical dosing plant (chlorine, alum, lime, soda-ash etc)

- instrumentation (flow metering, level metering)
- supervisory, control and data acquisition (SCADA)
- complete potable water treatment plants
- complete sewage treatment plants
- laying pipes of various types made of PE, PVC, uPVC, clay, steel, ductile iron, GRP, etc.
- construction of buildings included in water works projects, e.g.
 - intake stations
 - administrative operation buildings
 - water tanks / reservoirs
 - diesel generator houses
 - treatment structures
 - workshops
 - chemical buildings
 - pump stations



Construction of raw water intake station at Ruaha River, Tanzania



Setting of formwork for a tank wall in Iringa

Employer's satisfaction is our intention

Every project is different and requires a detailed study of the employer's requirements and the environmental precautions.

Especially the important and substantial division of water supply and sewerage solutions within each country of the world requires special fulfilment of the individual requirements because potable water is one of the most valuable resources in the world. With our long lasting experience we are well prepared to carry out projects to the full customers' satisfaction.

Our Values

- **Many years of experience and dedication to the work**

During the last decades the Water Department has successfully completed countless projects for building capital water works with a total project volume of more than EUR 100 Mio in several countries of the world.

Jos. Hansen & Soehne GmbH is well known for their experience and their long-lasting and cost-effective solutions in water supply & sewerage schemes.

- **Close cooperation with well known manufacturers**

Jos. Hansen & Soehne GmbH is in close cooperation with all reputable manufacturers of equipment for water and sewerage plant applications. The advantages received from this close cooperation will be forwarded to our customers to combine highest quality with favourable prices.

- **Turn-key solutions**

The water project department is specialised in offering and erecting turn-key solutions including civil-, electromechanical – as well as treatment works.

- **After – Sales – Service**

To establish reliable access to potable water for millions of people, projects have to be designed on a long term basis and availability of spare parts and adequate After-Sales-Service must be guaranteed.

Jos. Hansen & Soehne GmbH with its own overseas subsidiaries is able to guarantee their customers first class After-Sales-Service including technical support with own repair shops and factory trained personnel, prompt delivery of spare parts and additional assistance as per customers' requirement.

Water Engineering



The water project department has worked as mechanical and electrical contractors for water supply and sewerage plants for more than 40 years in the field of:

- Electro-Mechanical Engineering
- Civil Engineering and Design
- Installation, Testing and Commissioning
- Operation and Maintenance

Jos. Hansen in close cooperation with JR International Bau GmbH offers complete water supply systems, including treatment, civil works, distribution networks, house connections and sewage treatment works on a turnkey basis to offshore employers, primarily governmental, municipality or public utilities.



Two 250 kVA diesel generator sets for stand-by power supply at Akwa Ibom, Nigeria

