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Serving the Water, Wastewater, Desalination & Energy Sectors in the Middle East & North Africa - Since 1977
تخدم قطاعات المياه والصرف الصحي وتحلية المياه والطاقة في الشرق الأوسط وشمال أفريقيا - منذ ١٩٧٧

Would Water Rights Trading

Work for Saudi Arabia

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Middle East Plastic
Pipe Market
Proves Extremely
Active
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Solar Water
Pumping Proves
to Be an Effective
Environment-Friendly System
(P.38)



Drinking Water and Electricity Anywhere and at Any Time with Trunz Water Systems



New development: Completely independent container solution for drinking water with solar power for disaster relief, remote communities and arid areas providing clean drinking water in quantities of 3 - 5 m³/h. The container has been tested under harsh conditions in the Al-Ain desert in the United Arab Emirates

The Swiss based company **Trunz Water Systems** developed and now manufactures and distributes a sustainable and cost effective solution for water purification and desalination: a complete and ready-to-operate unit which is mobile and independent - thanks to renewable energy.

Trunz' innovative and environmentally friendly technology produces clean drinking water from polluted water and salt water with solar and/or wind energy. An ultrafiltration membrane or a reverse osmosis system (for sea or brackish water) removes all virus and bacteria (and salts) without requiring toxic chemical treatment.

The company's water systems are compact, mobile and work without ongoing fuel costs. If necessary, the units can be mounted on a trailer or 4wheel drive and easily relocated. The systems are complete with a borehole pump, solar racks as well as a wind generator and ready for installation. All of the systems require only low maintenance - they are equipped with an automatic back flushing system to keep maintenance and service costs as low as possible. The capacity depends on the raw water quality and ranges from 7'000 to 24'000 liters a day. Additionally, the company provides engineering

and manufacturing of tailor-made, containerized solutions for higher capacities.

Designed to provide relief to communities and camps affected by a lack of power supply and safe drinking water, the Trunz Water Systems can purify water from almost any polluted freshwater source, including rivers, creeks, and wells. Moreover, some of the Trunz Water Systems which are equipped with a reverse osmosis system are able to remove chemicals and salt. A main benefit of the systems is their exceptionally low energy consumption and thanks to the wind turbine the units deliver additional electricity to power computers or recharge small appliances.

Trunz Water Systems provides also additional equipment such as monitoring systems, stand-alone energy supplies etc. to name but a few.

The company is based in Switzerland and belongs to the **Trunz Group** which manufactures the units in Steinach, Switzerland. With a production area of 18'000 m² and modern, high-tech equipment, the ISO certified company guarantees highly professional competence and Swiss quality.

Up to now, over 400 Trunz Water Systems are already operating in more than 30 countries all over the world. ■

Leak Detection Instruments from Gutermann to the World



Gutermann has specialized in developing, producing and providing leak detection instruments for the world's water industry for over 50 years. With a constant focus on New Product Development and investment in innovation utilizing state-of-the-art technology, plus a strong commitment to the very highest standards of product and service, Gutermann have become renowned for reliable precise leak detection world-wide.

Offering a complete portfolio of advanced equipment and integrated systems for all aspects of water leak detection, from initial assessment of an area or zone, through to unmanned automated leak monitoring and alarms, precise pinpointing and final confirmation prior to excavation and repair, the company provides a total water loss solution to Water Utilities, Contractors and Consultants.

The innovative product range includes many pioneering technologies such as ZONESCAN, the world's first intelligent leak pinpointing sensor, ZONESCAN NET and ALPHA; the GPRS based remote leak pinpointing and alarm system for water pipeline networks, and the AQUASCAN-TM portable leak noise correlator, for reliable and accurate leak detection on larger Trunk Main pipelines, over much greater distances than traditional systems.

With its headquarters in Zurich, Switzerland, the group offers the highest level of customer advisory, service, support and training through its regional offices in the UAE, UK, Germany, USA, Canada, Malaysia & Australia, and an established international network of authorized distributors in more than 30 countries across 5 continents. ■