



# JAKOB STIEFEL GMBH

Energy and Environmental Technology

JAKOB STIEFEL GMBH is an energy and environment technology company with its headquarter in Zurich, Switzerland. It supplies water cooled system and one-stop EPC technology service to renowned companies over Western European countries and Asian countries for over 40 years. Its technology and facilities are widely used in generating electricity by waste incineration, industrial waste and biomass. In 2010, it has set its target market in China, India, Britain and the Middle East.

The Water Cooled System, core device is strong in these aspects:

1. The grate plate stays at a temperature slightly above the temperature of the cooling circuit (approx. 10-20 degree higher) which is usually between 50 - 80° C. No effect on the temperature in the furnace, no loss of heat and resistant to high temperature.
2. The grate plate is independently controlled so that it can work long and only needs an annual maintenance after the continuous working.
3. Independent primary air and adjustable secondary air system make it accurately control the air flow and temperature to reach lowest oxygen consumption and minimum waste gas production.
4. Stable quantity of steam and high usage of heat makes it suitable for waste with low heat value.



[www.jstiefelgmbh.ch](http://www.jstiefelgmbh.ch)



ELEX, a Swiss family company, its core product is electrostatic precipitator, which for decades has kept abreast of the latest developments in its industry.

Its main products are electrostatic precipitator, evaporative coolers, hybrid filter, catalytic gas cleaning widely used in the field of waste incineration, sludge incineration, cement production, iron and steel production, non-ferrous metal industry, pulp and paper industry. The efficiency of electrostatic precipitator is above 99%.

In 2010, ELEX AG has set up its China office- Changzhou ELEX Environmental Protection Technology Company Limited in Changzhou, Jiangsu province.



Cyklar-stulz is a Swiss environmental company, which specializes in the refurbishment and optimization of wastewater treatment plants. Its main markets are: Austria, Switzerland, Luxembourg, Romania, Russia, Singapore, Malaysia and Egypt.

**Patent:** DEMON® water treatment process

**Advantages:**

1. The process used in sewage treatment plants can save 60% energy;
2. no need to add organic carbon

**Applications:** Leachate from landfills, waste water, domestic sewage treatment, Petrochemical Industry, Pharmaceutical, Waste air treatment, Aquaculture, fish farming.

