Recycling – Metal chips Briquetting

Our promise
Trash into Cash!
Recycling – Crusher and Briquetting

- Some examples of briquetting and crusher applications:
  - Workshops for handling metallic chips
  - Construction sites and companies for handling demolition waste
  - Department stores and shops for handling package waste
  - Agriculture for handling farming residues
  - Forest and wood industry for handling biomass
Recycling - Briquetting
Recycling - Crusher
Simolin Water & Energy Ltd manufactures several types of masts for wind power turbines in power range of 1-1000 kW, height of 12-120 m. The masts are of topmost quality and they are designed and manufactured in Finland. Our product portfolio consists of self supporting tube masts and lattice masts.
Tower – Surveillance

- High quality
- Modular structure, heights 6 – 36m
- All parts hot dip galvanized, operation time 25 years minimum
- Designed and manufactured in Finland according to Eurocode 3
- Surveillance camera with zoom/rotate, dark vision, motion sensor, siren, megaphone, wifi, 3g/4g etc.
- Movable concrete foundation holding the battery and inverter with heater or ground-foundation
- Optional vertical wind turbine
- Optional solar cells
Tower – Surveillance
Tower – Floodlight tower

- High quality at economical price
- Erection height from 3 m to 36 m
- Available with movable concrete base
- Including hinge in the foundation
- Designed according to Eurocode standard
- All parts hot dip galvanized, life time 25 years
- Applications for lighting, video surveillance, antennas, etc.
The most outstanding / superior method of energy production in the sunny areas
Compared to the fixed-mounted solar cells, model following the sun is able to produce even **70 %** more energy
Tower – Solar towers “Tandem”

• The most outstanding / superior method of energy production in the sunny areas
• Compared to the fixed-mounted solar cells, model following the sun is able to produce even 70% more energy
Tower – Charging stations

Charging station for electrical vehicles
Water Cleaning

Drinking water from sea water sky energy.

Clean drinking water: 0.007 € / liter, 200 000 000 liters/year
Water Cleaning

We produce clean, fresh drinking water by sky energy
Water Cleaning

Water Of Life - Functional Description

Stand alone, the unit produces clean drinking water and electricity. Yield per year from 50-100 million liters of clean drinking water, and also electricity.

- Special design blades, 1-70m/s wind (Patented)
- Reverse osmosis technology
- High-pressure water
- Low-pressure water
- Tower hydraulic lifting device (Patented)
- Battery bank
- Remote monitoring
- Clean water tank
- Clean drinking water
- Sea water transfer pump
- Coarse filtration
Water Cleaning

Device SGW-20/100:

**Sky energy, produce own needed energy**

We produce clean, fresh drinking water:
- Out of sea water
- Out of polluted water
- Out of household greywater

- Yearly production capacity 20-100-1000 million litres depending device model and number of units
- Stand alone
- The device makes use of the well-known Reverse Osmosis technique
Wastewater treatment

New unique technology for wastewater treatment

- Energy efficient, economical and eco-friendly.
- Small amount of sludge.
- Closed system: Process is almost odour free and can handle remarkable load changes.
- Rotating movement removes the maintenance and cleaning needs inside bioreactors and makes possible powerful aeration of wastewater.
- High filling ratio of carries is possible with patented RBBR solutions. High filling ratio gives high efficiency.
- Footprint is really small and system is easy to update / enlarge.
Energy self-sufficient
Water pump station
Renevable energy
Sky energy solutions
Robot Automation

Design, manufacture, installation and maintenance of all over the world
Robot Automation

Welding Tower equipped with a telescopic beam

Modern welding automation boosts production efficiency. We plan, realize, modernize and service competent welding systems for medium and Heavy industry.
PVC-COVERED HALLS

Pvc-covered halls, suitable for storage and production, also thermally insulated.

Basic measures:
- width 8 – 92 m
- length 15 – 500 m
- height 4.5 – 24 m

Halls are always equipped with:
- steel frame which is shot-blasted and epoxy-painted
- one door, either pvc sliding door or overhead door
- steel-rod anchoring
- automatic ventilation (for halls larger than 600 m²)
- assembling
We are constantly developing new Simolin Water & Energy Ltd is innovation company

We are looking for investors.

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