

## Green Technology

We are always looking to improve our customers carbon footprint and with this in mind, we are pleased to announce the latest range of 'Green Technology' chillers from our MTA brand.

### The AquaGenius

The AquaGenius unit is the latest in our range of water-cooled chillers. This highly efficient unit is capable of achieving precision cooling, whilst saving both energy and running costs,

The AquaGenius combines maximum energy savings in varying operating conditions, achieved by the application of centrifugal compressors, with a direct expansion refrigeration circuit which notably reduces refrigerant charges to the benefit of the environment.



The Water Cooled AquaGenius

### TAEvo Laser

The TAEvo laser range of air-cooled water chillers have been specially developed with a cooling capacity of 20-100kW to meet industrial requirements.

TAEvo Laser's integrated fine temperature control System, featuring a hot gas by-pass valve, combined with a generous sized storage tank inside the unit, ensuring minimal temperature fluctuations down to  $\pm 0,5^{\circ}\text{C}$ , thereby guaranteeing the operating stability of the system and an unvarying laser wavelength.

The NON FERROUS hydraulic circuit protects the purity of the process fluid, thereby avoiding contamination phenomena or "scaling", of the laser source and optics. The precise and stable temperature control of the laser allows it to work with the optimal

wavelength, with minimal power variations and an optimised beam quality.



The TAEvo Laser

### HAEvo Laser

The HAEvo range of air-cooled heat pumps have a cooling capacity of 1,4 - 186 kW and a heating capacity 12 - 86,7 kW.

These technologically innovative units, maintain our high levels of reliability whilst serving a vast range of industrial markets.

The new HAEvo heat pumps, are compact units equipped, as standard, with an internal storage tank and pump, offering a tried and tested solution that has received worldwide acclaim.

The use of components sourced from premium manufacturers and extensive factory testing of all units make for highest reliability levels, minimising the risks of unplanned stoppages and increasing productivity levels.

**For more information or a free on-site energy survey please call us today on 0800 169 3861.**