



PRESTIGIOUS CONTRACTS IN GERMANY AND AUSTRIA

The LU-VE Group is the combination of experience, tradition, forward thinking, and innovation. The quality of the Group's products is testified by the fact that - in a country as selective as Germany - prestigious brand market leaders have chosen LU-VE as components supplier due to its innovative, energy saving and environmentally-friendly solutions.

Look forward

Think LU-VE



In the past months, Volkswagen ordered - for its research centre of Wolfsburg - four LU-VE EHLD Dry & Spray, while Mercedes ordered - for the air conditioning installation of its new R&D centre in Stuttgart - seven LU-VE EHLD Dry & Spray.

The same choice was made by Messe Frankfurt, who for the new Hall 4, ordered eleven EHLD. Now Messe Frankfurt has ordered sixteen more EHLD Dry & Spray (18 fans) for the new Hall 11.

Another important German car manufacturer, BMW, is going to install five 18-fan EHLD machines equipped with Dry & Spray System, in their factory in Lipsia. The LU-VE units are for cooling water used in the process of pressing the door and bonnet panels.

In 2003 the LU-VE Group had already supplied five 12-fan SHLDN units for the water cooling process and an additional sixth machine has recently been ordered by BMW to complete the installation in question.

Moreover, three 18-fan EHLD units, fitted with Dry & Spray, and complete with regulators, are to be installed at the Marburg University Hospital, in combination with a new facility from Siemens Medical Solutions for the treatment of tumours. The Siemens equipment, the second of its type in the world, is for the treatment of certain tumours which are difficult to cure because of their location or proximity to vital organs.

The system, which will be cooled by LU-VE's EHLD units, uses protons and heavy ion beams. According to the project managers, approximately 2,000 patients a year will be able to undergo this new therapy.

In the past weeks, Wienstrom GmbH, the largest utility company in Austria, supplying electrical power to some 2 million people living in and around Vienna, has ordered EHLD D&S units to equip four chilling stations, along a 380,000 volt power cable. LU-VE will provide eight EHLD units.

"Leadership with passion" is not just the claim of our communications department; it is the living spirit of a programme which is being appreciated more and more in the technologically advanced world of prestigious international companies.

INNOVATION AS A TRADITION

In line with the LU-VE Group's long-standing tradition, we present at Chillventa 2008 the fruit of our leading-edge research and development which, as always, is our distinguishing mark.

New FHC range of cubic commercial unit coolers



F35HC with Jetstreamer®

The biggest news which we are very happy to bring to your notice is certainly represented by the new FHC range of cubic commercial unit coolers, descendants of the glorious SHC family which for years has been a reference point for all the operators in the industry. The new-born FHC series (where F stands for "Future") represents an evolution and an enlargement of the SHCs: brand new fans, with extremely low energy consumption (5 different diameters, from 275mm to 500mm); new, modern-design attractive casing; new combinations of extremely efficient coils with new fin spacings; very wide capacity range from 1.6 to over 82kW. The Jetstreamer® directional grill is also new: it is the result of lengthy trials in the LU-VE wind tunnel, giving a notable increase in performance in terms of air flow and air throw. FHC cubic commercial unit cooler range is certified according to Eurovent standards.

New SAV-EAV 500-630-710 air cooled condensers with axial fans

Continuing the process of evolution, working on the principle of combining maximum power with minimum noise, the LU-VE Group presents SAV-EAV 500-630-710, an especially innovative range of medium power air cooled condensers (from 13 to 430Kw) with axial fans. This new generation reduces energy consumption, by more than 10% and noise level, by 3 dBA. Moreover, the newly developed SAV-EAV 710 range, with totally new ventilation, has noise levels the same as the previous series but with 25% better performances.

New CDH dual discharge industrial unit coolers



New CDH Series

In order to fully satisfy the demand for dual discharge industrial unit coolers (ideal for applications in modern refrigerated warehousing and processing rooms), the LU-VE Group has developed the brand-new CDH range. These combine leading-edge exchanger geometry with several fan options so that they can be adapted to the requirements of the plant and the project. The new CDH series is made up of 3 basic versions with a power range from 9.5 to 120 kW and 4 different fin spacings: 4.5, 6, 7.5 and 10mm:

- 450mm fan diameter - high power and very contained dimensions;
- 630mm fan diameter - 6 poles with extremely reduced energy consumption;
- 630mm fan diameter - 4 poles for extremely high capacity.

Latest generation of "Dry & Spray"



EHLD: Frankfurt exhibition centre

We also present at Chillventa the latest generation of the LU-VE "Dry & Spray" System - to maximize the performance of condensers and dry coolers - high technology, energy savings and care for the environment. The latest generation of "Dry & Spray" (installed by German car makers BMW, Mercedes, Volkswagen, Wienstrom GmbH, Frankfurt Exhibition Centre and Marburg University Hospital) is the most advanced product of its kind, the result of heavy investments in research and development. LU-VE "Dry & Spray" models are able to reduce water consumption and operating costs, even eliminating the water recycling and the consequent risks associated with Legionella. www.luve.it

LU-VE HEADQUARTERS GOES GREEN

The LU-VE Group's success in the international market derives also from its policy of leading-edge research and development and its respect for the fundamental principles of protecting the environment. With this in view, the headquarters of the Group in Uboldo has installed an extremely modern photovoltaic system which, using the light of the sun, will produce over 227,000 kWh in only its first year, with a saving of almost 50 TOE (Tonnes of Oil Equivalent) and a consequent reduction of emissions which lead to atmospheric pollution and the greenhouse effect. (e.g. cutting out more than 112,000 kg of CO₂/year).

HTS IN GREAT ACTIVITY



TGV Duplex 2

HTS has initiated the work of expanding its plant in Novosédlý in the Czech Republic. Managing Director Franco Fonzari reports that August saw the start of the work of optimizing the existing structure.

The development plan provides for a new industrial unit destined to house the machines and lines which will

increase the production capacity of HTS according to schedule for the next years. The first stage includes constructing premises of approximately 3,000 square metres.

HTS also recently participated in InnoTrans - International Trade Fair on Transport Technology - for the first time last September in Berlin.

In fact, HTS is at the top of this sector for heat exchangers (evaporators, condensers and radiators) for air conditioning in trains. In particular, HTS is also co-designer with the major producers of train air conditioning systems in Europe.

Amongst its recent achievements, HTS gained the supply of the coils for the conditioning of the TGV Duplex 2, holder of the world rail speed record: 574.8 km per hour!

HTS GOLF CUP 2008

HTS held its traditional "Golf Club" tournament for the third time, reserved for European customers. The competition (a big success), which took place as usual at the "Golfclub Veltlinerland" near Vienna, saw the participation of more than 40 golfers from Czech Republic, Russia, Finland, Sweden, Germany, Bulgaria, Austria and Italy.

www.htsystems.cz

SEST TAKES ON THE CHALLENGES OF THE MARKET



SEST at MCE'08

working precision: it has been very well received by customers who have been able to appreciate the high quality of the product and quick services.

The unit, which can produce pieces up to 4 metres in length, has been designed to be extremely flexible and to have many technical solutions.

The Polish plant (Gliwice) has been further expanded with an additional 6,000 sq.m, for a total surface of 15,000 sq.m with increased production capacity.

The new production plant in Russia (Lipetsk), "OOO SEST-LUVE", is already working flat out and is confirming its capacity to respond to the growing demand of quality coils of the Russian market.

The strategic elements of the growth of SEST Group are the big production capacity to fulfil the quantity and quality needs of the biggest customers, with the flexibility to satisfy also the demand of the smaller companies.

A basic element of the SEST Group is to constantly improve the logistics, to provide quicker and reliable deliveries, optimising the control of the customers' working capital.

The ability of the SEST Group is the selection and optimisation of the offered products: a great added value for its customers.

www.sest.it

TECNAIR LV: THE NEW "C SERIES" IS EXPANDING



New "C Series"

Tecnair LV continues to expand the new C series with new models and cooling powers.

The new C series now starts at 5 Kw and goes up to 150 Kw in both direct expansion and chilled water versions for up or downward airflow.

The innovations to the C series concern the plug fans, the electronic expansion valves and the evolved microprocessor to control the machine.

These are leading-edge solutions which optimize energy efficiency and minimise the amount of space taken up.

The plug fan system in fact allows a very high air flow while at the same time reducing the footprint of the unit: giving high capacity without occupying precious ground space.

The C Series is innovative also in its color (dark grey) and in its panel structure.

These solutions are especially appropriate for data centres, computer rooms and telephone exchanges, but also in museums, libraries and all environments which require precise air conditioning.

The C Series, together with the H Series - the current standard for air conditioning in operating theatres and hospital environments - and the "Air Ceiling" for ISO 5 rooms, places Tecnair LV once again at the top of the market in the close control air conditioning industry.

www.tecnairlv.it

MATTEO LIBERALI, NEW MANAGING DIRECTOR



Matteo Liberali

At their meeting on the 28th of July 2008, the Board of Directors of LU-VE - at the proposal of Board Member Professor Marco Vitale and having heard the opinion of the Board of Auditors - proceeded to nominate Matteo Liberali as Managing Director of the company.

The editorial staff of "LU-VE -What's New" join all the employees of the LU-VE Group in wishing Matteo Liberali all the best in his new role.

LU-VE GROUP HIGHLIGHTS



LU-VE headquarters - Uboldo (VA, Italy)

- 1,060 skilled employees;
- 276,000 sqm of total surface;
- 95,000 sqm of covered surface;
- 1,000 sqm of R&D laboratory;
- 70% of production exported to 90 countries;
- aggregated turnover over € 210 million.

The LU-VE Group is an international entity:

- **LU-VE S.p.A.** - Uboldo (Varese), Italy
- **TECNAIR LV S.p.A.** - Uboldo (Varese), Italy
- **SEST S.p.A.** - Limana (Belluno), Italy
- **SEST LU-VE POLSKA** - Gliwice, Poland
- **OOO SEST LU-VE** - Lipetsk, Russia
- **HTS** - Novosédlý, Czech Republic
- **Shanghai Century Equipment Company Ltd.** Shanghai, China (joint venture with LU-VE).

The LU-VE Group also controls 10 commercial companies located in France, Germany, UK/EIRE, Poland (Warsaw and Gliwice), Russia (Moscow and St.Petersburg), Spain, Costa Rica and Australia. A network of competences - experts, technicians and highly-skilled staff - at the service of customers to satisfy their special needs.