Dear readers,

The wait is over! The construction work to expand our logistics center has started. Such an undertaking of a new building increasingly signifies a milestone in the history of our company. But it also signifies an opportunity to break new grounds together with our customers. And at the same time, we are not merely investing in new warehousing capacities, but above all in technology and in new employees, both of which will considerably improve our productivity.

By doing so, we are also helping our customers optimise their supply chains. Project requirements can be stocked and pre-assembled, daily needs can be precisely and reliably called up worldwide.

Let’s do it!

Your
Helmut Luksch
General Manager

With a new building that costs €33 million, HELUKABEL® is doubling the warehousing capacities at its headquarters in Hemmingen (near Stuttgart), setting the course for continued growth.

The expansion will ensure that over 90% of the orders can continue to be delivered on a daily basis. The core of the new, approx. 12,000 m² warehousing complex is an automated high-bay racking system accommodating 23,900 palette storage positions, which will be linked to the existing building complex of 16,600 storage positions. Using the latest conveyor and control engineering technology achieves a high degree of automation that accelerates the material flow and guarantees on-schedule collation of numerous ordered items. As explained by Managing Director Helmut Luksch: “No matter how high the quality of our products and no matter how well our technicians advise, availability is also always decisive. For our customers, our logistics facilitate low storage costs with simultaneously high supply reliability.”

The new automated small-parts storage provides 33,400 spaces for the cable accessories business and acts as an interim buffer for pre-picked items. Heavy cable drums with weights of up to four tons will be stored in the heavy-load warehouse, built in the silo construction method, which boasts 610 storage spaces. The integration of multifunctional jobs for picking and packing along with the construction of spacious zones for processing incoming and outgoing goods provide HELUKABEL® with additional flexibility during the further development of the business segments.

Great importance is being placed on sustainability for the topic of energy supply. For instance, the heat supply is being implemented by a local biogas supplier. Along with extensive roof vegetation, we are preparing the installation of a large-scale solar energy plant.

Together with the expansion of the warehousing capacities in Hemmingen, the high-current and medium-voltage cable division is being expanded at the Neuenhagen site near Berlin. With an investment volume in the single-digit million range, an approx. 2000 m² hall with new cutting plants is being erected to enable just-in-time supply of industrial and infrastructure projects with cable drums over two meters in size and weighing up to 10 tons. Several investment projects are also in progress in cable fabrication in Franconian Windsbach.

HELUKABEL® will also meet high demands from manufacturers of wind power and solar energy plants, as well as, machine and plant engineering with additional extrusion and cabling machines.

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Wires for construction sites for manufacturing the new Airbus A350 XWB

Approx. 500 coiled cables, 10 km control wires, several 100 m corrugated conduits and various accessories were installed to enable a new type of aircraft to take off soon. At the Airbus production sites in Stade and at Premium Aerotec in Nordenham plus Augsburg, new manufacturing facilities have been erected to build components of the new Airbus A350 XWB. Most of them were electrified with products from HELUKABEL®.

In collaboration with MSK, Gesellschaft für Automatisierung mbH, ideal solutions have been created which comprehensively meet the highest premises of safety and compliance with the Airbus factory specifications. To guarantee the functional integrity of systems during a fire and to protect human life and the production equipment from contamination through toxic and corrosive gases, halogen-free cables and wires were used. Thanks to an extensive product range and efficient logistics, HELUKABEL® has been able to meet all requirements placed on the cabling from one single source, meaning that the new wide-bodied aircraft will certainly be able to start its maiden flight in the near future.

Our team for the Rhine-Ruhr region

Il. r.: Mr. Böker*, Mr. Schramm, Mr. Alicki, Mr. Breuer, Ms. Hofmann, Mr. Grabow, Mr. Brauckmann (Subsidiary Manager), Ms. Nützsche, Mr. Stegmeier, Mr. Dören, Mr. Montag, Mr. Scholz, Mr. Thomas; *Mr. Böker (Special Cable Division, Hommerring)

Under the motto “Always near you”, HELUKABEL® established the Rhine-Ruhr subsidiary back in 2003 to strengthen and optimize the support of the customers in the Rhine-Ruhr area. Things started out with a sales office with three employees. Marc Luksch took charge of the subsidiary in 2004 and successfully developed the business in the following period. In 2008 he handed the reigns over to the current head Timo Brauckmann. Today, eight employees provide support in the office and five employees are taking care of field sales to personally and competently support customers from industry and trade – with the entire HELUKABEL® product range of cables, wires and & cable accessories.

Our team for the Rhine-Ruhr region

Tools for medium voltage cables – fast & reliable stripping

HELUKABEL® has expanded its product range with tools for simple and efficient medium-voltage cable stripping.

Outer sheathing cutter HAXM

With quick-action coupling system, for stripping the outer sheathing of HV/EHV power cables with an exterior diameter of 16 to 56 mm.

Semi-Conducting Screen Removal Tool HFBS

For stripping the rubberized semi-conducting coating from EHV cables up to max 1.5 mm thickness and insulation diameters of 10 to 52 mm.

Inner sheath cutter HMS II

For removing the primary insulation on end-sections of medium-voltage cables (6-45 kV) with up to 15 mm insulation thickness and outer diameters of 15 to 52 mm.

Bevel cutter HUPS

For beveling primary insulation of plastic insulated medium-voltage cables with diameters of primary insulation of 15 to 60 mm.

NEW: For rail traffic – HELUTRAIN 4 GKWA-AXplus

The halogen-free power and control cable, the HELUTRAIN 4 GKWA-AXplus, is a compact special conductor wire which is perfectly suited for permanent and unprotected installation inside rail vehicles and buses and for connecting stationary and moving parts – even at harsh ambient temperatures.

HELUTRAIN 4 GKWA-AXplus is flexible, easy to install and with its slight outer diameter for permanent installation with small bending radii. Also available: HELUTRAIN 3 GKW.

Technical data

- Temperature range: Occasional movements –35°C to +90°C Permanently installed –40°C to +120°C
- Nominal voltage U0/U AC 1.8/3 kV U0/U DC 2.7 kV
- Test voltage 6.5 kV
- Minimum bending radius ≤ 10 mm permanently inst. > 3 x Ø
- Occasional movements > 7 x Ø
- 10 mm permanently inst. > 6 x Ø
- Occasional movements > 8 x Ø

Characteristics

- Halogen-free
- No corrosive gases
- Low flammability density
- Flame resistant
- No fire transmission
- Low fire load
- Oil, fuel and smoke resistant
- Robust
- High voltage insulation strength for mechanical resistance

HELUKABEL® successfully supplying a wide range of SOLARFLEX®-X cable assembly on a 4.5 MW photovoltaic plant

With temperatures of over 35°C and up to 12 hours of sunshine daily, the southeast Asian Kingdom of Thailand is not only ideal for a vacation under the sun but also for electricity production using sun energy.

HELUKABEL® is successfully supplying a wide range of SOLARFLEX®-X PV1-F (4 mm² to 185 mm²) for wiring photovoltaic plants. In total, during the current year 158 tons SOLARFLEX®-X PV1-F have been delivered for the installation of six plants with a total output of 38.5 MW.

ECONOMIC OPERATOR

“Authorized Economic Operator” is valid in all EU member states, has no time limit and is simultaneously proof of the great reliability and trustworthiness within the HELUKABEL® supply chain.

Faroe Islands | Airport expansion

Ready for take-off with HELUKABEL®

The autonomous island state of the Faroe Islands, which belongs to Denmark, is investing in the expansion of its Vagar Airport to put the annual approximately 200,000 passengers in the air and bring them back to the ground even more safely. The project covers the erection of an expanded safety zone on the north and south side of the airport along with the extension of the runway system with 350 m to the east and 200 m to the west. The runway will then be extended from today’s 1250 m to about 1800 m in the future. In addition, that will create new safety zones at both ends of the runway system of 150 m length each. HELUKABEL® is supplying about 30,000 m of infrastructure cable for this extension of the Vagar airport.
HELUKABEL® at the event of the year

Aldabra giant tortoise, Seychelles

HELUKABEL® is very pleased to be able to provide a suitable special wire for this project. Project leader Christina Quanz (SIF) describes the reason for selecting HELUKABEL® as the supplier for the project: “HELUKABEL® exhibits great commitment in implementing our requirements and to direct coordination with other project partners. We also found excellent customer support and the fast reaction times to our inquiries convincing. With the GREENLINE product line, HELUKABEL® offers additional solutions in the sector of renewable energies (helukabel.de/greenline).”

SIF Research Station, Aldabra Atoll, Seychelles

Please find more information about the work of the SIF at www.sif.sc and the work of the SIF information about sustainable research, a hybrid system comprising photovoltaics and a diesel engine was installed in October 2011.

German: 12 points! Thanks to last year’s victory by the singer “Lena”, Germany had the honor this year of hosting the Eurovision Song Contest. This provided a great chance to convince the world of Germany's event-engineering expertise. 35,000 fans watched live in the Düsseldorf Esprit Arena and a total of 125 million TV viewers followed the audio-visual spectacle. For the extravagantly produced, world class show, the Dusseldorf Soccer Stadium was transformed into a huge TV Event Studio in just five weeks. HELUKABEL® is proud to have been able to make a contribution to the success of this unique show with its cables & wires together with the company Think Abele GmbH & Co. KG.

To equip a show event of this dimension with technical equipment is nearly impossible for a single company. So the list of participating companies looks like the “crème de la crème” of the German event sector. For instance, Think Abele, as a specialist for kinetic equipment, supplied the elaborate technology which allowed each artist to perform with their own stage set. For the spectators, it appears that the stage is transformed as if by an invisible hand into a new stage set in just a few moments. Movercats, developed by Think Abele, are used to accomplish that. These are chain hoists comprising individual power packs and a drive, which can move up to 500 kg precisely along a special control system while maintaining the strictest safety requirements. During the gigantic show a total of 90 perfectly wired BGV C1/SIL3 chain hoists moved 45 tons of equipment across the 32 m wide and 60 m long stage while converting more than 6000 movements and 60 presets for the total of 43 show acts from the individual countries. For the wiring, Think Abele consciously decided in favor of the highly-flexible and heat-resistant control and data wires from the company HELUKABEL®. Among others, the highly flexible PURÖ-JH-HF, the flexible F-CY-IZ and various harmonized control wires were utilized. For data and computer wires, Think Abele relied on the shielded, flexible TRONIC-CY. In total, more than 10,000 m of cable from HELUKABEL® were used for wiring the event engineering in the stadium.

A multitude of accreditations make MULTINORM wires perfectly suited for use on all continents. HELUKABEL JZ 603 MULTINORM control wires are used in nearly all machines, plants and devices intended for export. HELUKABEL JZ 603 is approved for use in Europe (HAR), USA (UL), Canada (CSA), Russia (GOST-R) and China (CCC). Under medium mechanical stress, this wire can be used nearly worldwide for flexible application with free movement without tensile stress and without forced movements in dry, damp and wet rooms, but not outdoors. Also available as a shielded version (HELUKABEL JZ 603-CY).

FIVENORM

The individual conductors were designed for global use in nearly all machines, plants and devices intended for export. HELUKABEL JZ 603 is approved for use in Europe (HAR), USA (UL), Canada (CSA), Russia (GOST-R) and China (CCC). Under medium mechanical stress, this wire can be used nearly worldwide for flexible application with free movement without tensile stress and without forced movements in dry, damp and wet rooms, but not outdoors. Also available as a shielded version (HELUKABEL JZ 603-CY).

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Prevention | Health Day

A day full of fun, health & fitness

Company fitness puts you in a good mood – the first Health Day at HELUKABEL® stood under this motto. The day was arranged and organized together with BARMER GEK, DAK and BGvHI. The program included lectures on topics such as overcoming stress, healthy diet, not smoking and correctly driving a forklift. Parallel to that, the employees were able to undergo a body analysis performed by Mr. Dirk Bach, famous from the SWR3 show “Kaffe oder Tee”. Of course, the employees themselves were also challenged - there were opportunities to be active at various stations. The offer was comprehensive; stress and lung function tests, balance board, business Pilates, “T-WALL” reaction tests, eye tests and a tilt simulator were available. Another highlight of the event was a wellness weekend raffle among the participants; extra prizes were donated by the health insurance companies.

Anything is possible! True to this motto, Jörg Klößinger, HELUKABEL® employee at the Windsbach factory, set off on the way to the German Stapler Cup. After winning the regional preliminary heat during the “Müller Stapler Cup”, his path led him to the finals at Aschaffenburger Schlossplatz. The competition was strong. The best 63 forklift drivers in the Republic had the same goal: to be the champion during the German Championship of Forklift Drivers. Experience, instinct and speed were in demand on the ingenious course in the new “trend sport” of forklift driving. With delicacy, strong nerves and above all speed, Jörg Klößinger managed to complete the tricky and demanding course in the first heat as well as the quarter and semi-finals with the highest number of points among the entire field of participants. In the finals, he was able to make the jump to the top of the winner’s podium during an exciting competition. And with this super achievement he secured himself the title of “German Master in forklift driving”. The main element of the tasks to be dealt with was in the topic of “safe transport” in order to sharpen the awareness for daily work and to preventing accidents. Of course, to win the championship one also has to know where the gas pedal on the forklift is, in order to transport the goods not only safely, but also faster than the competition. Under wonderful sunshine, 15,000 interested visitors followed the three days of competition in the disciplines of Company-team Championship, International Championship and German Championship of forklift drivers along with varied fringe events. And when defending the title next year, Jörg Klößinger will not enter the race as a long-shot, but as a favorite.

HELUKABEL® – global network

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