

PRODUCTS

equipment, supplies and more

New extrusion head can convert a tandem line into a PVC over PVC co-extrusion line

U.S.-based Guill Tool has introduced Series 725, a co-extrusion crosshead design for tray cable applications that was produced in partnership with a customer.



Per the company, the Series 725 crosshead makes it possible to convert a production line from a tandem line with two heads a distance apart into a co-extrusion line with a single head applying both layers of PVC in a single operation. The model, which has all stainless-steel construction, offers machine builders and end users many advantages, one of which is the company's patented Guill Seal Right system of self-aligning tapered deflector and body design. The efficiency and improved profit potential from such a configuration

is substantial.

Other end user benefits include a considerably shorter changeover time (in this case, one head is better than two), less scrap due to the single-head setup, improved product quality from the increased adhesion between layers as melt adheres to melt rather than extrudate, providing more protection from contaminants between the layers.

Additional features of this new crosshead include multi-port spiral flow, easy disassembly and restart, positive seals for leak elimination, adaptable to all extruder brands, max. thru-core of 1.750 in. and max. die ID of 2.000 in., a fixed first layer and adjustable second layer, the patented Guill Feather Touch concentricity adjustment, vacuum port and the ability to accept two extruders from the same side via the heated manifold assembly. The pictured model is on a portable crosshead stand with integral alignment swing gates to assist with disassembly and restart, another unique Guill design for extruders.

The Series 725 also comes with a tool kit and detailed operator's instruction manual. Visit us at Booth 814 at Wire Expo to find out more about what we can do for you.

Contact, Bill Conley, sales manager, **Guill Tool & Engineering**, tel. 401-828-7600, www.guill.com.

Winding technology sets new standard for flexibility for core extrusion lines

Germany's Kurre Systems is now offering a product family of fully automatic double winders with improved parameters and features for fast, reliable and—above all—flexible winding at the end of a process.

Per the company, flexibility in cable production can often be a challenge, especially for winding. The double-winders offered from Kurre System responds to that dilemma. They are designed for use within core extrusion lines, and offer a maximum winding speed up to 2,000 m/min for coil sizes of 630 mm or 800 mm, depending on the upstream process. Two large coil magazines can hold empty and full coils as well as two winding stations ensure a continuous production process. Pictured below is the VA-630 model with two winding stations and overlap function.

In terms of flexibility, the winders excel with their variably adjustable tension ranges due to the integrated dancer. It enables multiple assignment of the deflection wheels, so a tensile force range of 3 - 60 N can be realized. The development team also considered the issue of set-up times. For a wide range of coils with different bore holes, the use of the innovative electrically adjustable stepped pintle can eliminate set-up times. With this optional solution, a manual pintle change is no longer necessary, ending production process interruptions.



The side doors allow easy access to the inside of the machine. The winding stations, in particular, are easily accessible, and the machine is operated via a touch panel with the company's proven and intuitive software. The model was to be displayed at wire Düsseldorf in Hall 10, Stand C-18.

Contact: **Kurre Systems**, www.kurre-systems.de.

Lubricant supplier has expanded its range of products for electrical wire applications

Renowned for its expertise in steel wires and cables, France's CONDAT reports that it now offers more innovative solutions tailored for electrical cable manufacturing.

Per the company, which was slated to introduce the new products at wire Düsseldorf 2024, it now has a wider range of lubricants for nonferrous electrical wire applications, including drawing, twisting, stranding and compacting.

For aluminum wires, CONDAT developed neat oils, solubles and cable protection greases. For example, VICAFIL TFA 1460 (pictured) is a premium quality neat oil that has demonstrated superior resistance to oxidation, surpassing the standard offerings available in the market. This outstanding performance, obtained through the careful selection of high-performance additives, enables customers to significantly extend their oil bath lifetime.

CONDAT's solubles for aluminum wire can help reduce total production costs through reduced lubricant consumptions. Beyond cost savings, these solubles enhance machine cleanliness and decrease spool temperatures. For copper wires, CONDAT new lubricants range can cover all operations, including copper hot rolling, and copper drawing from rod breakdown to fine wire drawing. One is TCU



215 N, a semi-synthetic emulsion for rod break/redrawing, including multiwire machines. Other TCU family members can be used for bare or coated copper and nickel-coated fine wires as well as annealing/quenching.

Choosing the right lubricant for copper drawing is a compromise between different parameters. CONDAT's products: provide enough lubricity to avoid wire breakage during the drawing operation; have good detergency to maintain clean machines; have low foaming to avoid overflow; and keep the machines clean and maintain lubricant stability to pH and conductivity variations, for stability to micro-organisms, which increases bath lifetime. CONDAT's sales team can assist with providing the appropriate solution to improve a manufacturer's wire drawing process and bath. Also, you are most welcome to visit us at Booth 707 at Wire Expo 2024.

Contact: **CONDAT**, tel. +33-4-780733838, info@condat.fr, www.condat.fr.

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