

Industrial Controls & Drive Systems Catalog



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NEW CONTROL PANELS & DRIVE SYSTEMS

UCG designs, manufactures, and installs control panels, drive systems, die accelerators, and other integral components for industrial metalworking machinery. Our knowledgeable team has over a century of collective experience specializing in tube, pipe, and rollform machinery, allowing us to deliver efficient and economical solutions to manufacturers worldwide.



CUSTOM ENGINEERED

Our experienced team of engineers and fabricators can design and build control panels for almost any type of industrial machine in nearly any manufacturing environment.



PRE-ENGINEERED

- 2 - 3 Motor Mill Control
- High-Frequency Welder Control and Interface
 - Cut-Off Saw Control
 - Cut-Off Length Control



BUILT-TO-PRINT

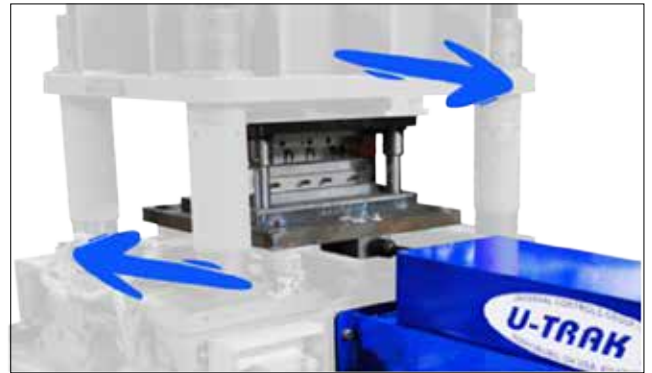
Our fabricators can build to the exact specifications of your technical drawing with additional options for updating, optimizing, improve performance and enhance safety.



UCG *U-TRAK* LENGTH CONTROL SYSTEM

The U-Trak Length Control System blends hi-tech electronics and simple mechanics to provide an accurate, rugged and low-cost solution to your flying cut-off length control needs. This closed-loop system uses a controller to automatically synchronize the speed of the die set with that of the part, ensuring optimal cutting efficiency, accuracy, and overall performance for both new and existing machinery. Multiple batch control and cutting parameters can be set to minimize the need for operator intervention.

- GREATER ACCURACY WITH REDUCED SCRAP
- INCREASED LINE SPEEDS
- BATCH CONTROL WITH ON THE FLY CHANGES
- LONGER BLADE LIFE
- BLADE WIDTH COMPENSATION
- TOUCH SCREEN INTERFACE
- QUICK AND EASY TO INSTALL
- FULLY SUPPORTED BY OUR TEAM



UCG *U-CUT* FLYING CUT-OFF

The cutting solution for tubes, pipes or roll-formed parts featuring all the benefits of the U-Trak Length Control System, combined with a quality-built new flying cut-off.

- GREATER ACCURACY WITH REDUCED SCRAP
- INCREASED LINE SPEEDS
- BATCH CONTROL WITH ON THE FLY CHANGES
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RETROFIT RE-POWER KITS

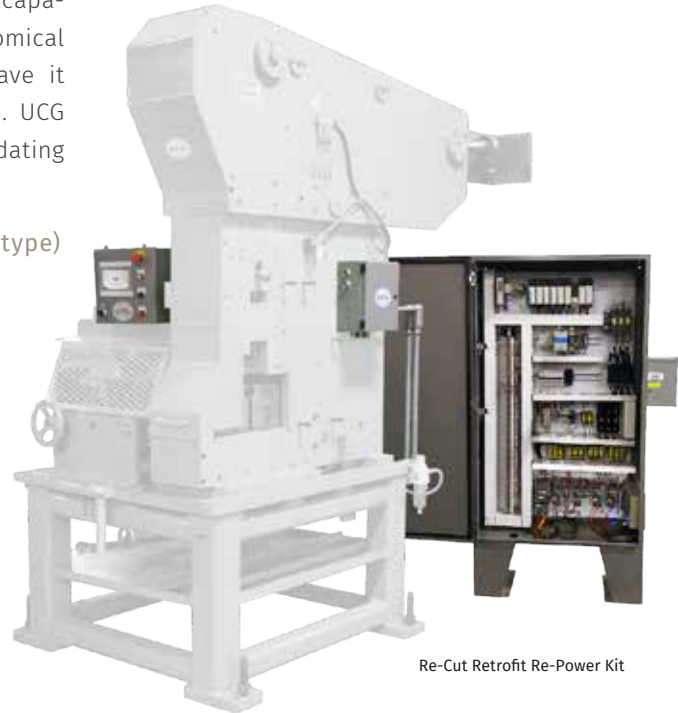
Update your machinery to the latest technology to expand capabilities and improve performance with our quick and economical retrofit kits. Removing machinery from production to have it upgraded is out of the question for most manufacturers. UCG retrofit kits are a quick and cost-effective solution to updating machinery with minimal downtime.

HARDWARE & MATERIALS: (Varies with machine type)

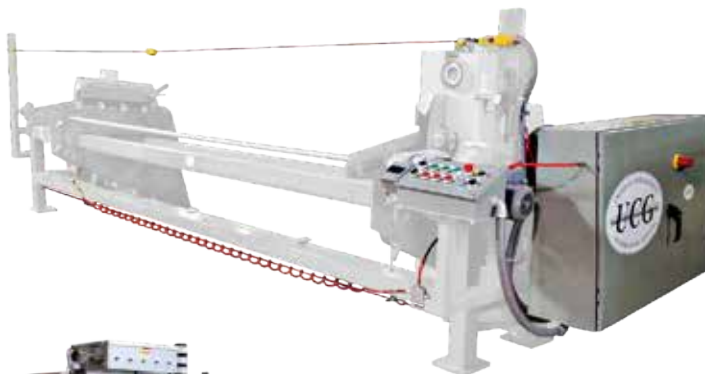
- Main control panel with motor control and PLC system
- Operator station with HMI screen and 22mm operators
- 480V AC variable speed drive system
- Push-button console
- Remote jog pendant
- E-STOP station
- Complete AutoCAD drawing package
- Optional AC inverter duty motor

RETROFIT SERVICES:

- System Design & Build
- Program PLCs and Touch Screen
- Assist with Retrofit, Start-Up and Training



Re-Cut Retrofit Re-Power Kit



Debur Machine Retrofit Re-Power Kit



Rollformer Retrofit Re-Power Kit



TUBE MILLS, ROLLFORMERS & CUSTOM LINES

ERWTech's quality-built machinery and UCG's cost-efficient services provide manufacturers with dependable, affordable, and fully supported new tube mills. UCG's team, based in Northwest Ohio, handles sales, shipping, parts, start-up, and commissioning. Complete lines are available, featuring a new entry system, rolling mill, high-frequency welder, high-speed flying cold saw, packing system, and more.

Universal Tube & Rollform Equipment Co., a UCG Company, offers a large selection of in stock used tube mills, rollformers and coil handling machinery available for purchase as-is or our team can recondition, replace gearboxes, add new electrics, integrate machinery into production lines and much more. Custom tube mill or rollform lines can be created using machinery from our inventory and/or new machinery manufactured by UCG and ERWTech.



SERVICE

Our engineering and service team offers comprehensive support, including installation management, start-up & commissioning, operator training, on-site service, technical support, and more. We ensure quick implementation of your machinery and assist in maintaining its efficiency over time.

PARTS

We offer common replacement parts in stock, including solid-state welder MOSFET boards, induction coils, encoders, timing belts, pulleys, and more.



INDUCTION COILS



MOSFET BOARDS



IMPEDERS



TCT & HSS BLADES



