

CS370

Cut and Strip



CS370

Process heavy cable wire with the powerful, accurate and fast CS370 from Komax. Cut and strip up to 35mm diameter wires as short as 50mm in length. An available rotary cutter enables multiple stripping options for multi-layer and shielded cables. With options for wire slitting and ink jet marking, the CS370 is as versatile as it is dependable for your large wire applications.

A NEW SPIN ON HEAVY CABLE PROCESSING

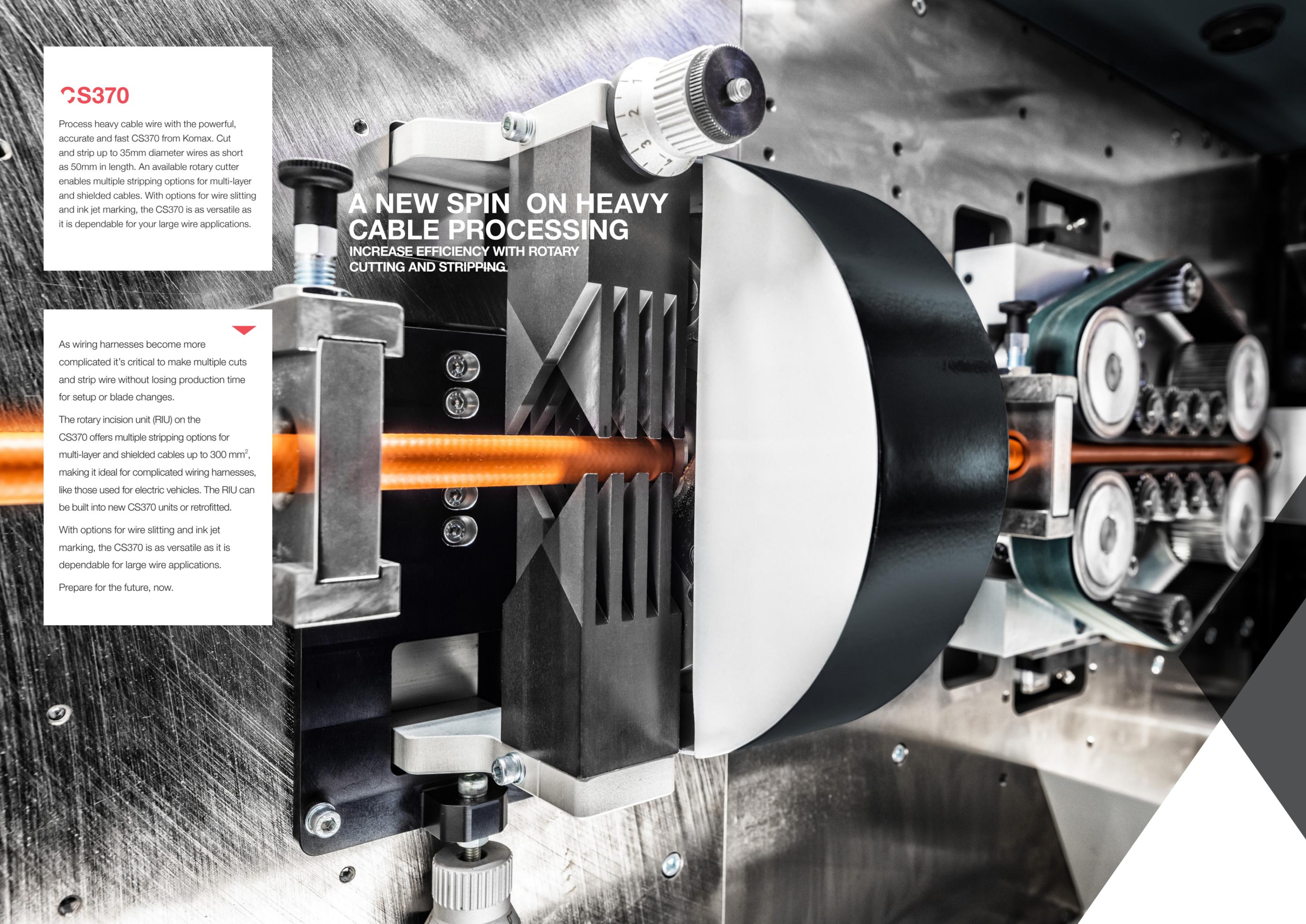
INCREASE EFFICIENCY WITH ROTARY CUTTING AND STRIPPING.

As wiring harnesses become more complicated it's critical to make multiple cuts and strip wire without losing production time for setup or blade changes.

The rotary incision unit (RIU) on the CS370 offers multiple stripping options for multi-layer and shielded cables up to 300 mm², making it ideal for complicated wiring harnesses, like those used for electric vehicles. The RIU can be built into new CS370 units or retrofitted.

With options for wire slitting and ink jet marking, the CS370 is as versatile as it is dependable for large wire applications.

Prepare for the future, now.



Capabilities

- Material Cutting
- Short Length Processing
- Stripping
- Window / Mid Stripping
- Two Stage Stripping
- Rotary Stripping for multi-layer and shielded cables
- Steel Cable Processing
- Ink Jet Marking
- Slitting

- Harness/Job Sequencing

*Requires purchase of one or more options shown

Benefits

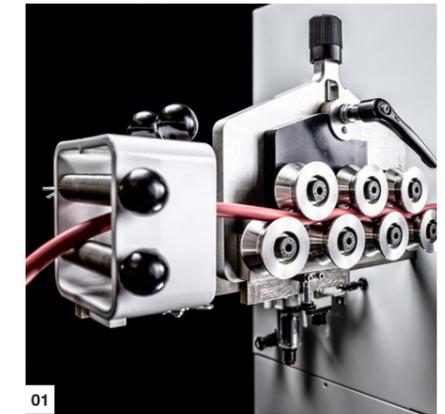
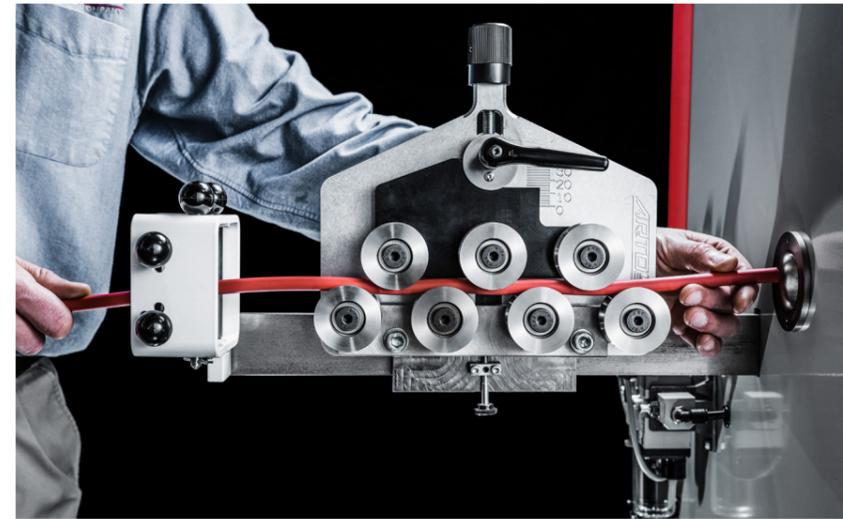
- Powerful, accurate, fast
- Special-application processing including multi-layer and shielded cables
- Short-wire capabilities
- Robust with multiple capability options
- Minimize wire change down-time with fast easy guide changes
- Versatile wire collection ensures smooth workflow

CS370 Features

- Servo driven belt feed system
- Cutting and stripping cable up to 35 mm standard
- Networkable via Komax WPCS protocol
- Reduced short wire processing length in standard mode

Options

- Rotary cutting for multiple stripping options for processing multi-layer and shielded cables
- Rotary option is retrofittable
- Wire slitter
- Ink jet interface



01



02

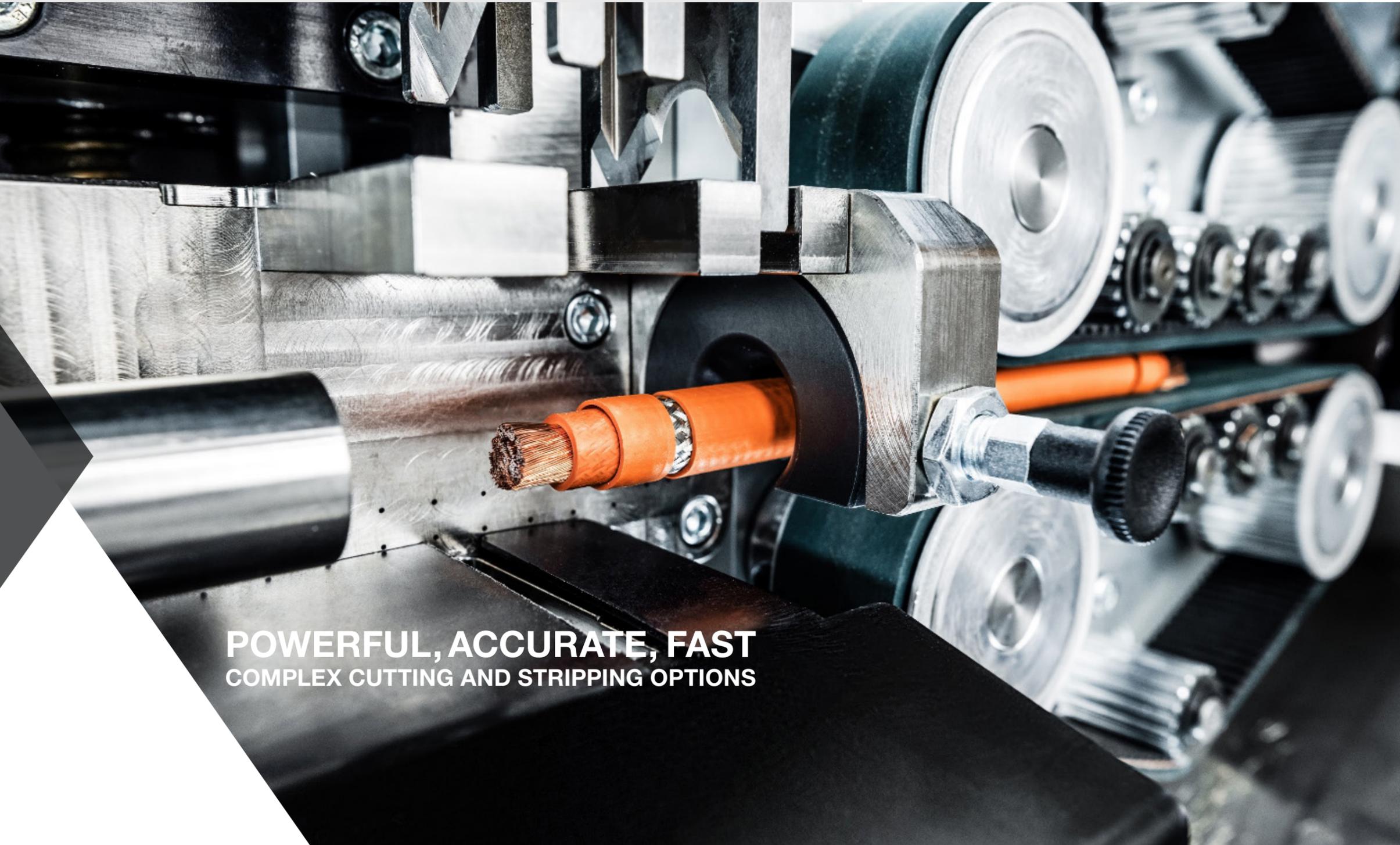


03



04

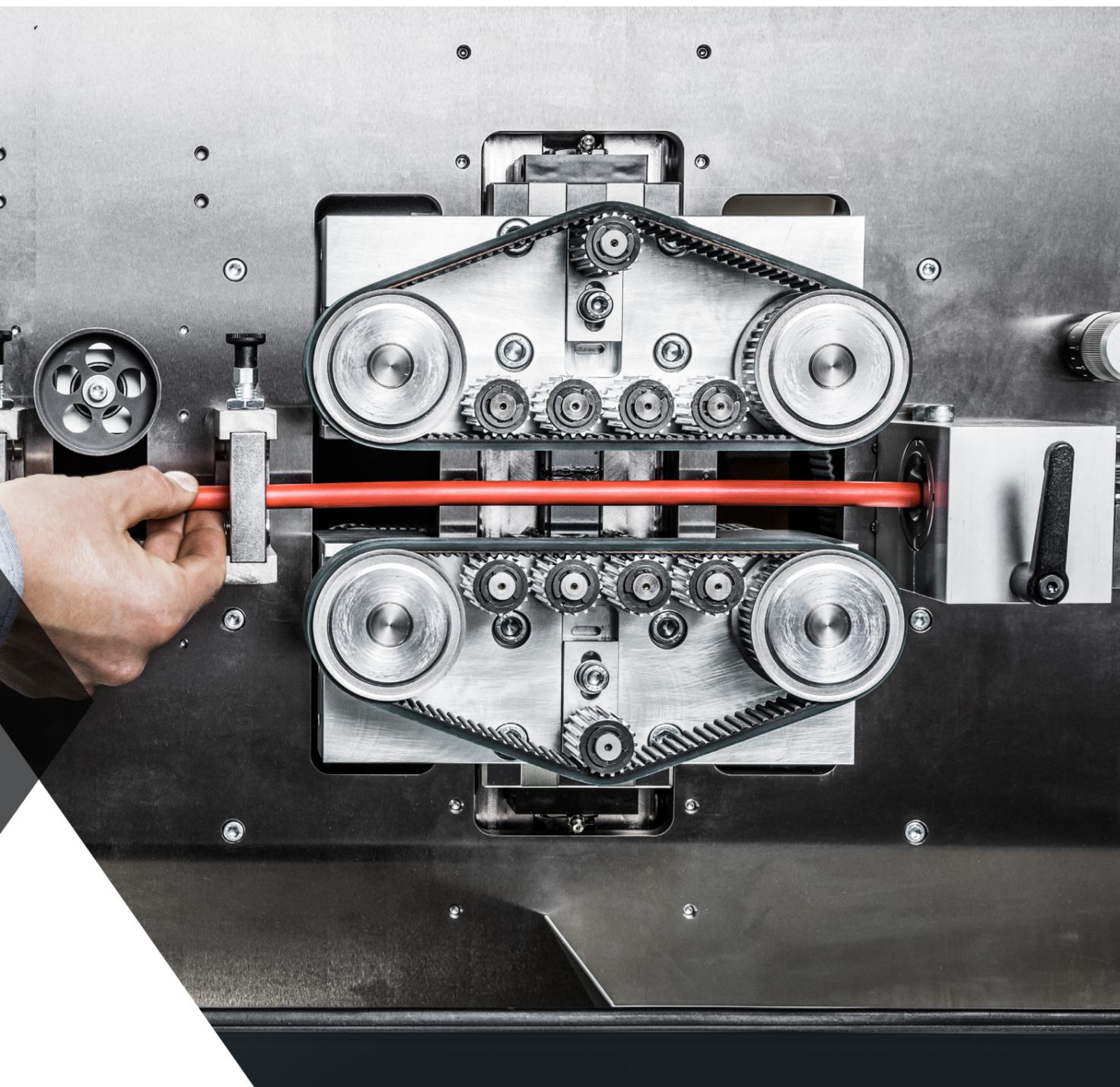
- 01 Heavy-duty wire straightener
- 02 Easy guide changes
- 03 Networking via WPCS protocol
- 04 Available wire slitting option



**POWERFUL, ACCURATE, FAST
COMPLEX CUTTING AND STRIPPING OPTIONS**

Processing examples and functions

Cutting to length		Flat cable processing		Rotary incision	
Full stripping		Cutting pulled strands / Zero cut		Wire deposit system	
Partial stripping		Hot stamp marking		Pulling / Dereeling prefeeder	
Multi-step stripping		Inkjet marking		Batch separation	
Center stripping / Intermediate slitting		Label printing		Wire length correction	
Multi-conductor cable processing		Coiling / Binding		Networking (Manufacturing execution system, WPCS, MIKO)	
Core processing for shielded cables		Sequence processing			
Multilayer cable		Wire draw-in (roller drive / belt drive)			



Technical Data

Wire Sizes	Up to 300 mm ² (500 MCM) Wire Dependent
Wire Diameter	Up to 35 mm (1.4") Wire Dependent
Minimum Wire Length (standard)	152 mm (6")
Minimum Wire Length (short mode)	<50 mm (<2") Wire Dependent
Strip Lengths	STRIP LENGTH PULL VALUES 1.0 mm-1,000 mm FULL STRIP REMOVAL LENGTH Left Side: 168 mm Right Side: 518 mm
Electrical Requirement	220V, 1 Phase, 50 or 60 Hz
Air Requirement	5 CFM @ 80 PSI
Dimensions	Length: 1790 mm (70.5 inches), machine body. 2940 mm (115.75 inches), with operator station and single straightener Width: 605 mm (24 inches) Height: 1453 mm (57 inches)
Weight	820 Kg (1808 lbs.) - machine weight 1090 Kg (2400 lbs.) - packed weight
Shipping Dimensions	121" (3073 mm) x 56" (1422 mm) x 78" (1981 mm)
Standard Features	One pair of heavy-duty cutting blades. Complete safety guards and electrical interlock. Wire run-out detection switch. Inch or metric measuring. Owner's manual.

Specifications are subject to change without notice, and exceptions may apply depending on application, wire and other variables. Optional equipment may require standard machine modification and/or later specifications.

Komax – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

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