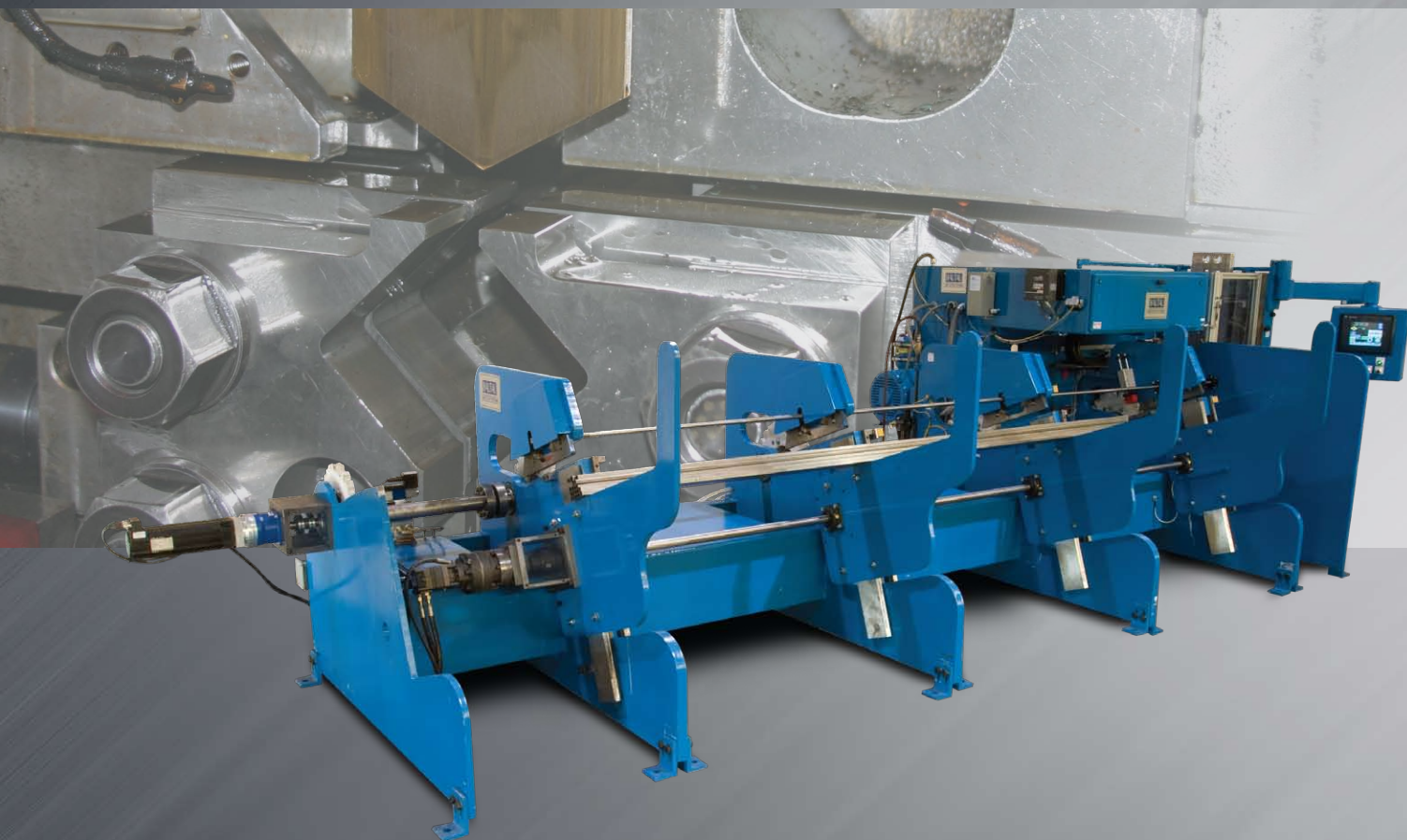




SC30 Dual-Blade Shear Cutoff

And Tube Loading Systems



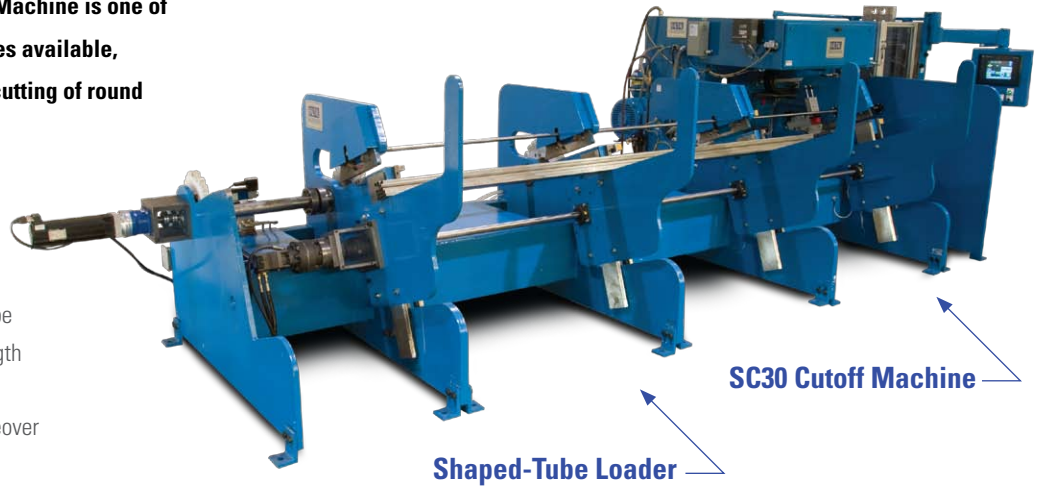
- Fastest, most efficient method for high-volume cutting of thin-wall tubes
- Designed for continuous, high-speed cutting
- Round or shaped tubes at rates up to 1800/hour
- Programmable servo-dial needs no changeover for different shapes
- Load up to 24 different tube shapes with one dial set
- Consistent orientation of shaped tubes

SC30 Dual-Blade Shear Cutoff

The HAUTAU SC30 Dual-Blade Shear Machine is one of the most advanced tube recut machines available, designed for continuous, high-speed cutting of round or shaped tubular material.

Standard Machine Features:

- Auto-adjust 6-jaw chuck
- Cuts up to three lengths from one tube
- Servo-driven programmable feed length
- ± 0.005 " accuracy per feed stroke
- 5 minute length and diameter changeover
- Allen-Bradley ControlLogix Controller
- Compact design frees up floor space



Rugged, direct-drive hydraulic rams eliminate flexible hoses, cams and linkages, and protect against overloads. Precision, preloaded ball-bearing guides provide consistent alignment of dies and knives. This assures the highest quality of cut and longest tool life.

Quick-change "cartridge" style tooling requires no adjustment on the machine, and die blocks can be reversed to extend die life. Scarf blade depth is adjustable for different tube diameters, and our double-end blades reduce tooling cost.

The hydraulic 6-jaw feeding chuck automatically adjusts for any tube size within a specified range without tooling change. Complete changeover for diameter takes only 5 minutes!

The tube is precisely positioned for cutting by a powerful, electro-hydraulic feeder with precision optical feedback.

Programmable ram speed and adjustable stroke optimize production rates when cutting mild steel and tool life when cutting tougher materials. The scarf function can be disabled for cutting shaped tube or to increase cutoff rates. Spot coolant is applied directly to the blade.

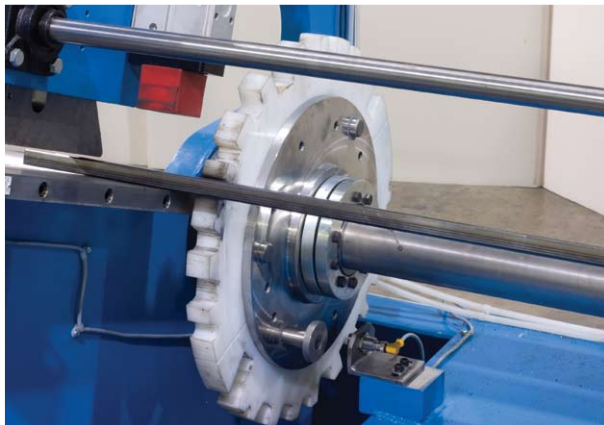
No target stops or pinch rolls are used. Cut lengths are keyed-in at the control console, and multiple lengths can be cut in one setup.



Hautau also offers a full line of rotary tube cutoff machines.

Specifications	
Maximum Tube Diameter	3" (75mm) 2.75" square (70mm)
Maximum Cut Length	Unlimited
Minimum Cut Length	1/4"
Cut Length Tolerance	± 0.005 " (.127mm) @ Cpk >1.67
Programmable Trim Cut	Optional in software
Programmable Ram Stroke	6" (152mm)
Ram Force	58000 pounds (25800 kg)
Maximum Cutoff Rate	1800/hour
Hydraulic Pump	Bosch tandem Whisper® Pump
Pump Motor	50 HP (60 or 75 HP also available)
Control System	Allen-Bradley® ControlLogix®
Electrical Supply	480 Volt 3 phase 80 amp (240 Volt optional)
Hydraulic Cooling	Water-to-oil standard (air-to-oil optional)
Machine Size	60" x 82" x 78"
Machine Weight	14000 pounds (without tube loader)

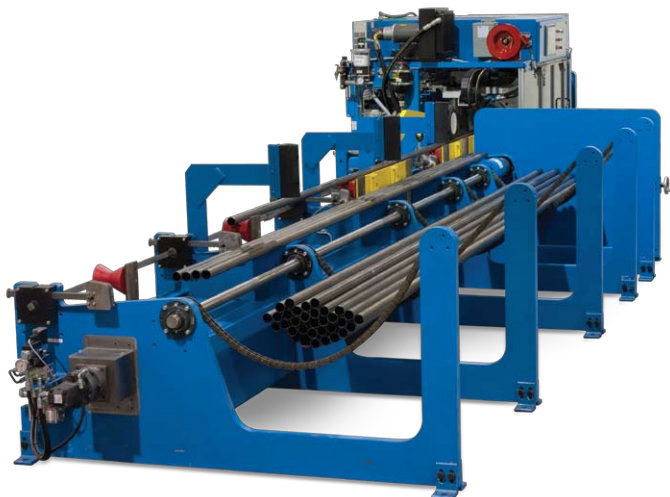
SC30 Dual-Blade Shear Cutoff



Servo-driven dials rotate to position for each tube shape. Single tubes are transferred into the cutoff machine.



Servo-driven hitchfeeder has quick-change jaws for shaped tubes. Use a full-range jaw set for cutting round tubes.



For high-volume cutting of round tubes, our strap-type or chain-type bundle loaders handle large bundles for continuous production.

Machine Options:

- Central automatic lube system
- Air-to-oil heat exchanger
- Pin-stamp marking system
- Custom inline piercing/notching tooling
- High-cycle rate hydraulic pump

Loaders and Accessories:

- Servo dial loader
- Tube bundle loader
- Tube supply conveyor
- Self-dumping remnant bin
- Adjustable tube runout table
- Tube runout conveyor

Programmable Dial Loader

The Hautau SC30 Dual-Blade Shear Cutoff Machine is available with our new servo-dial loading system for improved handling, feeding and cutting of square, rectangular and round tubes.

Our solution for feeding shaped tubes...

If you cut high-volumes or short runs of shaped tubing from bundles, you know it takes time to setup the tube loaders and feeders. This new dial loading system was developed for quicker setups and more reliable feeding of shaped tubes.

When used with our SC30 Shear, you can cut tubes up to 3" round by .120" wall at rates up to 1800/hour. The shear-type cutoff has always been the fastest, most efficient method for high-volume cutting of thin-wall tubes.

The programmable loading system reduces setup time so short runs are profitable too. And our programmable hitch-feeder makes it easy to cut multiple lengths from each tube so you'll save material.

What makes this tube loader better?

- Programmable servo-dial needs no changeover for different shapes
- Load up to 24 different tube shapes with one dial set
- Consistent orientation of shaped tubes
- Proper alignment with the cutoff die
- Angled loader design allows tube layers to slide down
- Use a fork truck or overhead crane for loading bundles



SC30 Dual-Blade Shear Cutoff

And Tube Loading Systems



See for Yourself!

For a video demo, visit our website: www.hautau.com

For more information, call 765-647-1600 today, or send an e-mail to sales@hautau.com.



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