

SMARTKNIFE™ ASSEMBLIES

This guillotine knife assembly is a fully integrated unit.

- Compact design
- Microprocess controlled
- Reduces installation time
- Permanently sealed lubricated bearings
- Can operate up to 400 cycles per minute
- Shear cut provides clean cuts and long blade life
- No need for hoses, fittings, solenoids or sensors - all included
- Just connect an air supply, signal and 24 VDC power supply

**SUR-SIZE™ CUT-TO-LENGTH UNITS**

Modular units that feed and cut material to length.

- Tool steel shear cut blades for clean cuts
- Self-contained drive rollers and knife assembly
- Comes with mounting holes for easy installation
- Includes a color touch screen for easy operator interface
- Stepper or servo motor drive packages for high accuracy

**UNWIND/REWIND STANDS**

Motorized stands can unwind or rewind your material.

- Quick, tool-less changeover
- Cantilever designed for light loads
- Available with dancer, brake, or motor
- Standard size units can be bolted onto your application
- Dual support unwinds with air shafts and safety chucks for heavier rolls
- Optional edge guide system and air shaft design are available

ROTARY KNIVES

Compact high speed rotary knives.

- Compact in size for easy installation
- Shear and crush cut modules available
- Output shaft designed to meet your requirements
- Shear cutting rotary knife with through hardened tool steel blades

**PUNCH ASSEMBLIES**

Industrial modular punches for clean cuts and long life.

- Standard punch sizes up to 40mm/1.57"
- Available in pneumatic or electric configuration
- Comes with mounting holes for easy installation
- Custom punches can be made to any shape and size

**ADJUSTABLE STANDS**

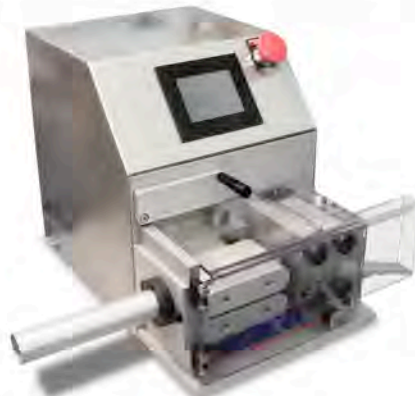
Stands are ideal for mounting equipments as well as height and positioning adjustments.

- Fully enclosed with no mechanisms exposed
- Heavy duty design that can take up to 454kg/1000lbs load capacity
- Manual crank with optional motor height adjustments
- Custom stands with multi axis adjustments - vertical and horizontal

**SLITTER STATIONS**

Slitter modules are designed to be bolted onto new or existing equipment

- Shear cut or crush cut options available
- Eccentric locking system for quick blade adjustment
- Comes with mounting holes for easy installation
- Many sizes available

**TUBING CUTTER**

Bench top tubing cutter is ideal for your tube processing

- Compact unit that is simple to use and reliable
- Easy operator interface using a touchscreen
- Reduce inventory by making on-demand
- Inexpensive disposable blades
- Ideal for flexible tubing 0.76mm/0.03" to 25mm/1" in diameter
- Requires 110 V AC and 40 psi compressed air

YOUR MATERIAL OUR SOLUTION

We have over 30 years of experience in developing solutions for a wide range of feeding, cutting, and dispensing applications which offer you cutting-edge, field-proven systems and components. These systems can be easily adapted to meet the needs of your most complex operations.

To better serve you, our dedicated team of engineers and production members continue to develop focused solutions addressing cutting and feeding requirements.

Feeding and cutting is our only business. Whether you need one of our guillotine, rotary, or traveling knife systems or require a more intricate cut-to-length assembly, AZCO will provide the most efficient and cost-effective solution for you.



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EXTRUSION SHEETER

Designed for continuously moving materials while consistently cutting materials to length

- Take away conveyor
- Optional dual tractor drive
- Rotary knife with servo controls
- Simple to use from a color touch screen
- Servo motor driven conveyors and nip rollers
- Capable of speed matching



HEAVY DUTY UNWIND/REWIND

Designed to unwind and rewind the release liner interleaved into the roll.

- Air shafts
- Safety chucks
- 1361kg/3,000lbs capacity
- Optional edge guide system
- All ball bearing construction for long life
- Dual variable speed drive motors for the unwind/rewind
- Dancer control to make this a slave to an existing process



FEEDING & CUTTING UNITS

THE BUILDING BLOCKS OF AUTOMATION



CUSTOM FEEDING & CUTTING SOLUTIONS



SUR-SIZE™ SHEETER FGW-1000

Production sheeter designed for easy use and long life.

- 1000mm/39" cut width
- Modular units fit in an environment
- Heavy duty shear cut guillotine knife assembly
- Options: accumulator, dual drive, edge guide system, eye registration, slitters, stacker, static eliminator, take-away conveyor, unwinds



ROLL-TO-ROLL PUNCHING SYSTEM

This unit takes a roll of material, punches a hole pattern, and rewinds it.

- Rewind system
- Eye auto adjust
- Scrap collection
- Standard unwind
- Servo controlled
- Punch station going 400 punches/minute

LASER MICRO PERFORATION STATION

Using the building blocks of automation, this system combines many components for multi-process applications

- Unwind system
- Edge guide system
- Fully enclosed laser station
- Punch station
- Perforation station
- Cut to length knife assembly



SINGLE SIDE SHEETER

Designed for applications where contact on only one side is possible.

- Slitting station
- Guillotine knife
- Take-away conveyor
- Adhesive management system
- Infeed guide material from existing process
- Servo driven vacuum precision drive system



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