

MANUFACTURING



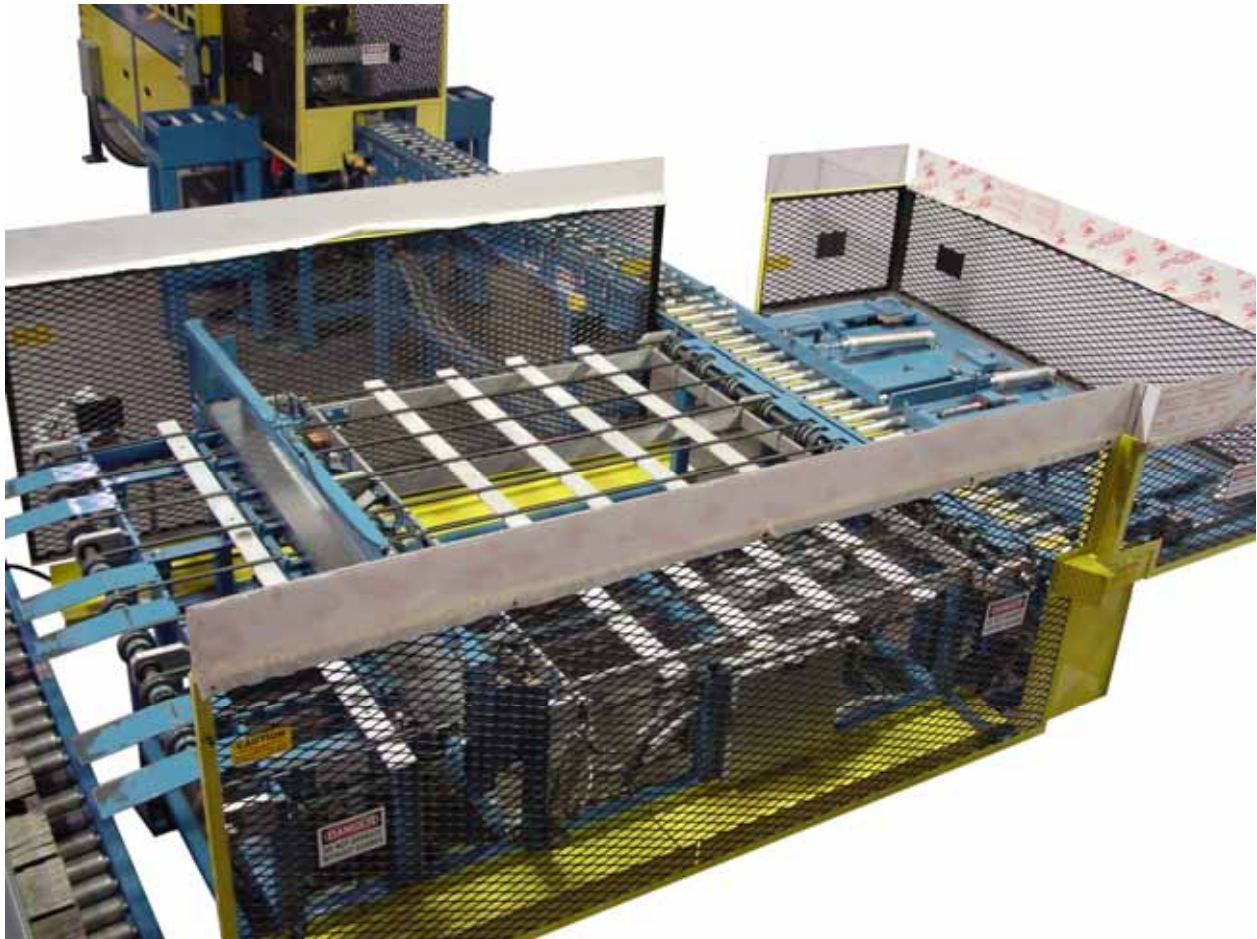
MARION



MADE IN THE USA
since 1979

AUTOMATION SYSTEMS
“ Diversity is Our Specialty ”

Conveying





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AUTOMATION SYSTEMS
“ Diversity is Our Specialty ”

Gluing Station



FURNACE FILTER GLUING STATION
PROGRAMABLE HEATERS

Increase Your Production With Marion Manufacturing Automation Systems



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AUTOMATION SYSTEMS

“ Our Ingenuity and Designs Impact Production World-Wide ”

Automated Battery Production



LEAD AND ACID FILLING SYSTEM

- SINGLE AND MULTIPLE HEAD FILLING STATIONS
- ACID RESISTANT MATERIALS DESIGN
- QUICK CHANGE TOOLING
- INLINE WEIGHT CONTROL
- STATE OF THE ART TECHNOLOGY
- INTEGRATED TOUCH SCREEN CONTROLS
- DATA ENTRY MANAGEMENT
- BAR CODE SYTEM

Increase Your Production With Marion Manufacturing Automation Systems



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AUTOMATION SYSTEMS

Protect Your Panels from Blemishes and Scratches

Poly-Mask



ACCURATE LENGTH CONTROL



- 52 INCH PRECUT SHEAR
- ELECTRONIC ENCODER
- STRUCTURAL TUBING FEEDER FRAME
- PINCH ROLL MATERIAL FEED
- OSHA SAFETY GUARDS
- HYDRAULIC OR PNEUMATIC CONTROL



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AUTOMATION SYSTEMS

Stacker Systems

One Unit Can Do It All.



PANEL STACKER



BUNDLE STACKER



SHEET STACKER



ROBOTIC STACKER

LET MARION MANUFACTURING ARRANGE YOUR ORDER OF SHIPMENTS

COIL PROCESSING

Coil Cars

20,000 Pound Maximum Capacity

- HYDRAULIC DRIVE
- DECOILER INTERFACE
- INTEGRATED SMART MOTOR CONTROLS
- REMOTE OPERATOR CONTROL PENDANT

SCISSOR LIFT FOR EASE OF LOADING



RUGGED STEEL TRACK

COIL PROCESSING

Six 10,000 Pound Maximum Capacity

Coil Cradle

- REDUCE COIL CHANGE DOWNTIME
- COIL MANDREL LOADING STAND
- SELECT DESIRED COIL POSITION
- POWERED MATERIAL FEED CONVEYOR
- VARIABLE FEED RATES: TO 200FPM



HEXOMATIC

- LOAD 60" MAX WIDTH COILS SIMULTANEOUSLY
- REMOTE OPERATOR MATERIAL LOADING CONTROL
- SIX INDEPENDENT MANDREL DRIVES
- CASCADE GRAVITY FEED ALIGNMENT ROLLS
- SMART MOTOR CONTROL
- OSHA SAFETY GUARDS

SELECTAMATIC AND CUSTOMIZED SYSTEMS AVAILABLE.

DOUBLE HIGH SPACE SAVER AVAILABLE FOR 8 TO 12 COIL CAPABILITIES

COIL PROCESSING

Rewinder

48' Material Width

Rewinder



Slitter Rewinder Stand



- MINIMUM COIL SLIT WIDTH: 4 INCHES
- 12 COIL DIVIDERS
- HYDRAULIC POWER UNIT
- MANUAL EXPANDING MANDREL
- COIL HOLD DOWN
- STRUCTURAL TUBING FRAME
- FORWARD OR REVERSE OPERATOR JOG CONTROL

DOUBLE HIGH SPACE SAVER AVAILABLE FOR 8 TO 12 COIL CAPABILITIES

COIL PROCESSING

Slitter



Slitter Shaft can be raised for Panel Clearance in a Precut System



UHMW Guides and Rubber Stripper Rings utilized to Protect Material



- 24 TO 30 GAUGE CAPACITY
- MATERIAL WIDTHS TO 60 INCHES
- STRUCTURAL STEEL FRAME
- QUICK CHANGE WIDTH ADJUSTMENT
- ELECTRIC GEAR DRIVE

- REMOTE OPERATOR JOG
- SOFT START SMART MOTOR CONTROL
- STAND ALONE OR INTEGRATED CONTROLS
- BLADE DIMENSIONS: 6" O.D. X 1" THICK
- 4" BLADE ARBOR

CUSTOM DESIGNS AVAILABLE TO MEET YOUR SPECIFICATIONS

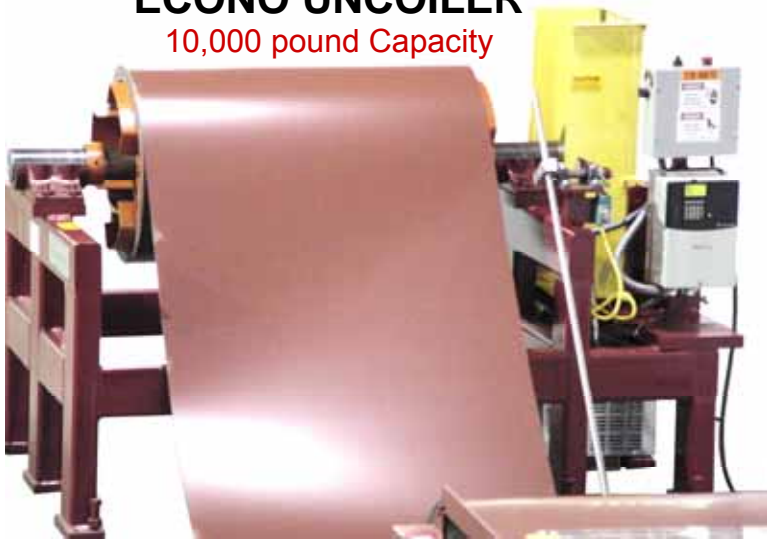
COIL PROCESSING

Uncoilers

- 60" COIL WIDTH
- RUGGED STRUCTURAL FRAME
- OSHA SAFETY GUARDS
- HYDRAULIC OR ELECTRIC DRIVE
- STAND ALONE OR INTEGRATED SYSTEM CAPABILITY
- SMART MOTOR CONTROLS
- VARIABLE 18 INCH TO 22 INCH INSIDE COIL DIAMETER
- FORWARD OR REVERSE REMOTE OPERATOR JOG CONTROL

ECONO UNCOILER

10,000 pound Capacity



- STRUCTURAL TUBULAR FRAME
- FORKLIFT OR OVERHEAD LOADING
- MECHANICAL EXPANSION
- GEAR DRIVEN MANDREL
- 24" TO 48" COIL WIDTHS
- 18" TO 21" ADJUSTABLE INSIDE COIL DIAMETER
- 5 HORSEPOWER DRIVE MOTOR
- VARIABLE SPEED RANGE: 50 TO 300 FPM
- 240 OR 480 VOLTS
- SINGLE OR 3 PHASE

MANDREL STYLE DECOILER

20,000 pound capacity



EXPANDING MANDREL



Manual Open or Close

CUSTOM DESIGNS AVAILABLE TO MEET YOUR SPECIFICATIONS

COIL PROCESSING

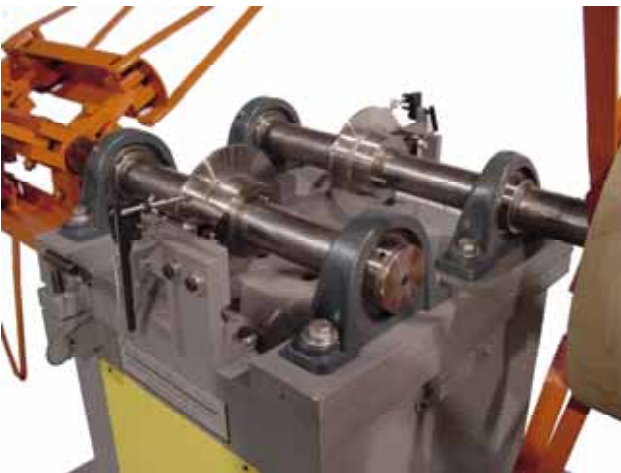
Uncoilers

- 360 DEGREE ROTATION
- MECHANICAL PULL OFF
- ADJUSTABLE COIL WIDTH GUIDES
- SIMPLE COIL POSITIONING LOCATOR
- ADJUSTABLE BRAKE COIL TENSIONER

DOUBLE UNCOILER



4000 POUND CAPACITY • 2000 POUNDS PER COIL



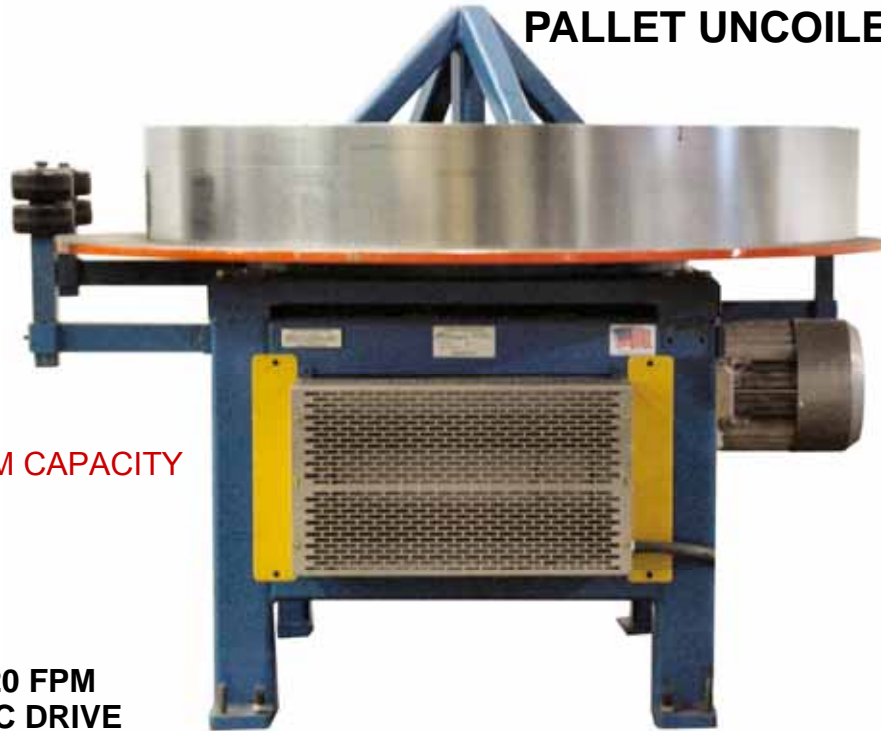
ADJUSTABLE TENSION CALIPER STYLE BRAKE
PROVIDES SMOOTH MATERIAL FLOW

- COIL OUTSIDE DIAMETER VARIES TO A MAXIMUM 68 INCHES (based on material and load)
- 1 INCH MINIMUM COIL WIDTH
- 20 INCH MAXIMUM COIL WIDTH
- 18 INCHES TO 20 INCHES ADJUSTABLE
- COIL INSIDE DIAMETER

COIL PROCESSING

Uncoilers

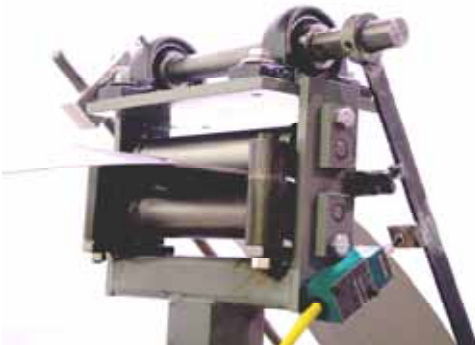
PALLET UNCOILER



12,000 POUND MAXIMUM CAPACITY

- VARIABLE SPEEDS TO 220 FPM
- HYDRAULIC OR ELECTRIC DRIVE
- STAND ALONE OR INTEGRATED SYSTEM CAPABILITY
- SMART MOTOR CONTROLS
- FLOATING MATERIAL GUIDES
- REMOTE OPERATOR LOADING JOG CONTROL PENDANT
- RUGGED STEEL CONSTRUCTION
- MEETS ALL OSHA SAFETY REQUIREMENTS

INDEPENDENT LOOP CONTROL INTEGRATES WITH ALL LAYOVER UNCOILERS



- PINCH ROLLS
- LOOP CONTROL
- GUIDE ROLLERS



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COIL PROCESSING

Uponder

20,000 Pound Capacity Rotating Coil Handler



- 1,000 TO 20,000 POUND CAPACITY
- REMOTE OPERATOR CONTROL
- HYDRAULIC OR ELECTRIC DRIVE
- SMART MOTOR CONTROL
- STAND ALONE OR INTEGRATED CONTROLS

ROTATING HANDLERS • DECOILERS • COIL CARS AVAILABLE

CUSTOM DESIGNS TO MEET YOUR SPECIFICATIONS

MAKE COIL HANDLING EASIER & MUCH SAFER



MADE IN THE USA
since 1979

FORMING AND FABRICATING

DUAL EDGE HEMMING MACHINE

Hemmer

“ Do The Job In Half The Time ”

- STRUCTURAL TUBING FRAME
- SAFETY GUARDS
- ADJUSTABLE WIDTH MATERIAL GUIDES
- 110 VOLT VARIABLE SPEED DRIVE



Heavy Duty Structural Framework



Machine Adjustment 3" to 24"



Adjustable Hand Crank



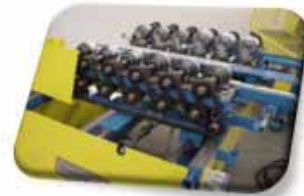
Single Edge or Dual Edge Hemming



Adjustable Center Support Plate



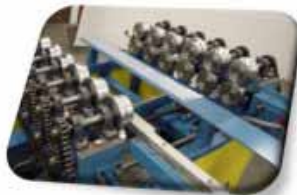
Serpentine Chain Drive



Hardened Chromed Rolls



Strip Magnet Material Hold Down



Safety Guarding



Precision Ground Shafts



Straightening Rolls



Exit View



CUSTOM DESIGNS AVAILABLE TO MEET YOUR SPECIFICATIONS



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FORMING AND FABRICATING

Shears - Flying Cutoff



- HEAVY DUTY STRUCTURAL FRAME
- POSITIVE DRIVE RUBBER COVERED PINCH ROLL
- MANUAL MATERIAL WIDTH ADJUSTMENT
- 6" MINIMUM TO 14" MAXIMUM COIL STRIP WIDTHS
- AC VARIABLE SPEED CONTROL
- 240 OR 480 VOLTS
- 3 PHASE
- INTEGRATED SINGLE BATCH CONTROL
- OSHA SAFETY GUARDS

CUSTOM DESIGNS AVAILABLE TO MEET YOUR SPECIFICATIONS



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FORMING AND FABRICATING

Shears - Post Cut Panel Shear

Pneumatic System



- 26 TO 30 GA. MATERIAL CAPACITY
- 8" BORE X 6" STROKE PNEUMATIC CYLINDER
- CUSTOM BLADES TO FIT YOUR PROFILE
- SAFETY PALM CONTROL SWITCHES
- OSHA SAFETY GUARDS
- RUGGED TUBULAR FRAME
- IN LINE FILTER
- REGULATOR
- LUBRICATOR

Profiles to Meet Your Specifications



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METAL CONSTRUCTION

Accessory



Marion Manufacturing's Accessory Line produces metal framing accessories on one economical machine. The Rolling Mill will fabricate up to 4 profiles per machine. One common uncoiler, gang punch and rotary shear comprise the entire system. This will reduce capital investment, save floor space, increase productivity with drastically reduced changeover times.

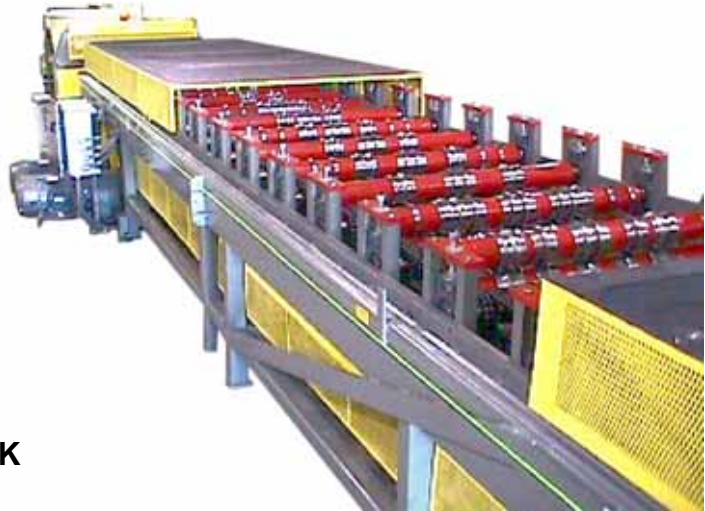
Profiles to Meet Your Specifications



MADE IN THE USA
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METAL CONSTRUCTION

Agricultural Panel



- STRUCTURAL TUBING FRAME WORK
- 30 HP ELECTRICAL DRIVE
- ADJUSTABLE TAKE-UP
- AUTOMATED OR PROGRAMABLE INTEGRATED TOUCH SCREEN CONTROLS
- HEAT TREATED ALLOY SHAFTS
- HEAT TREATED CHROMED ROLLS
- TELESCOPING ROLLER GUARDS WITH SAFETY INTERLOCKS

INTEGRATED AUTOMATIC ADJUSTABLE HEIGHT 30 FOOT PANEL STACKER OPTIONAL

COIL CAR LOADING OPTIONAL



WE HAVE THE PALLETS STACKED

PRECUT • PRECUT WITH SLITTER • FLYING CUTOFF SYSTEMS AVAILABLE



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METAL CONSTRUCTION

Roofing Panel

POST CUT SYSTEM

- VARIABLE SPEED RANGE TO 200 FPM
- MATERIAL: Galvanized · Aluminum
Plain · Embossed · Coated
- HEAVY DUTY STRUCTURAL FRAME
- 12,000 POUND MANDREL UNCOILER



Coil Car Loading Optional

Remote Operator Jog Pendant

- POST CUT PROFILE SHEAR
- EMERGENCY STOPS BOTH SIDES
- PRODUCTION AND INVENTORY MANAGEMENT
SOFTWARE CONTROL SYSTEM

PRECUT • PRECUT WITH SLITTER • FLYING CUTOFF SYSTEMS AVAILABLE



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METAL CONSTRUCTION

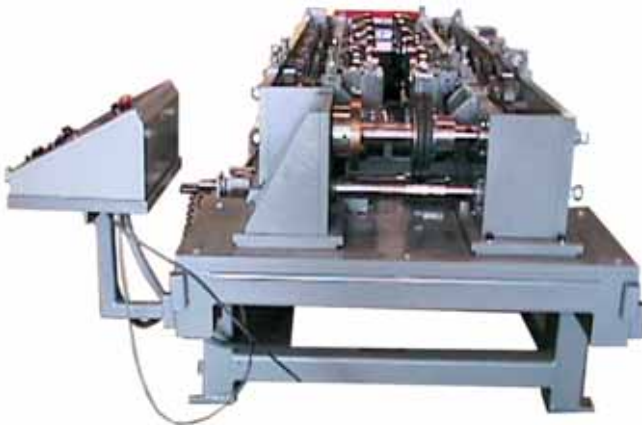
Metal Framing - Stud & Track

FLYING PRECUT SYSTEM • STUD • TRACK • HAT SECTION



- 8000 POUND CAPACITY UNCOILER
- PRODUCTION MANAGEMENT SYSTEM

150 TO 250 FEET PER MINTUE • STUD • TRACK • TWO HAT CHANNELS OR " C " CHANNEL



INDUSTRIAL MACHINE DESIGN

ICC-ES CERTIFICATION PENDING

STRUCTURAL SYSTEMS FROM 18 TO 12 GAUGE MATERIAL CAPACITY AVAILABLE



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METAL CONSTRUCTION

Trim Line Machine

ONE MACHINE - MULTIPLE SHAPES

3 LINE TRIM ROLLFORMING SYSTEM



- RIDGE CAP ~ "J" ~ RAKE AND CORNER
- MAXIMUM 8 DIFFERENT PROFILES

- CUSTOM TRIM PROFILE TOOLING
- MEETS OSHA SAFETY SPECIFICATION



PRECISION GROUND HARD CHROMED TOOLING

CUSTOM PROFILES TO MEET YOUR SPECIFICATIONS

SINGLE AND DOUBLE LINE TRIM MACHINES AVAILABLE



SPECIALIZED

“ DIVERSITY IS OUR SPECIALTY ”
Production Management

Controls

PART PRINTER



Don't manually mark each part. Our Part Printer does the job accurately and automatically. This labor saving machine marks parts with identification number, part length, material gauge or even dimensional marks. It makes everyone's job easier, both at the plant and in the field.

BUNDLE TICKET PRINTER



The XL200 Bundle Ticket Printer automatically tracks the pieces being produced, stops at the end of a bundle and prints a self-adhesive tag that contains all the information you need, like bundle contents, routing directions, customer's address and job site placement Instructions. Weather resistant labels are available for bundles left outside.

CONTROLLER

If faster line speed is what you want, the XL200 Controller and closed loop technology are what you need. The XL200 has been field-tested at 800 FPM and bench-tested at 3000 FPM. Now that's fast. We can upgrade your machines with the fastest closed loop die accelerators and feeders so you don't have to deal with all that wasteful stop and start time.



BAR CODE SCANNER



The ability to scan a tag or bar code and automatically enter data into ECLIPSE saves time and eliminates the chance of key-punch errors. Now you can record coil inventory, delay and scrap code information effortlessly. Information is quickly and accurately loaded into your inventory, delay and scrap code system so you know when the coil is on the line, used up or returned to stock.



SPECIALIZED

Site Certification

FABRICATION CERTIFICATION

