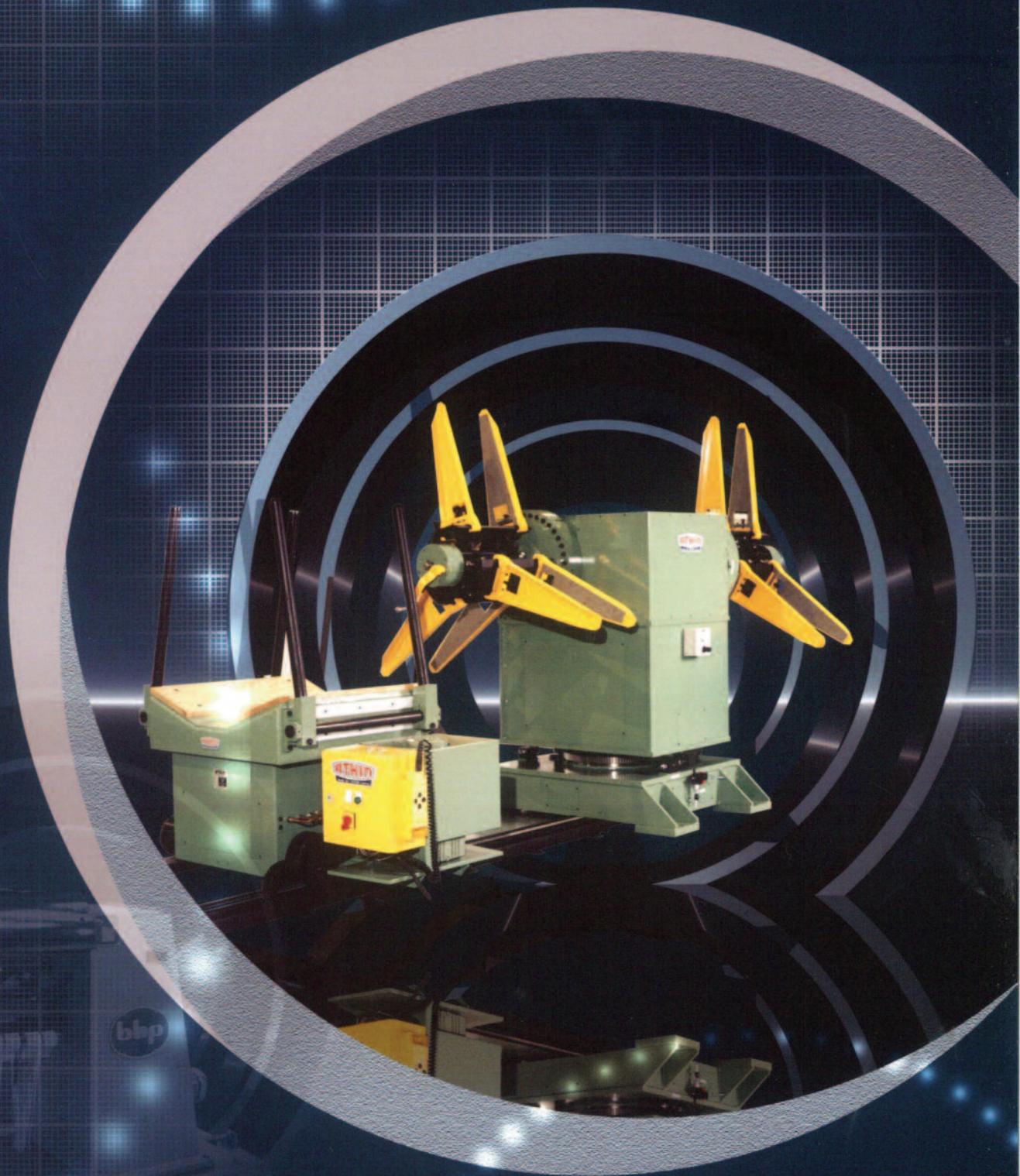


# Coilholders & Straighteners



for Press & Coil Lines

# COILHOLDERS

Light to Medium Duty

3000kg Coilholder with Hydraulic Mandrel Expansion Mounted on a Sliding Base



LINK ACTION COILHOLDERS OFFER A COST EFFECTIVE SOLUTION TO COIL HANDLING PROBLEMS. DESIGNED TO HANDLE COIL WEIGHTS UP TO 5000KG. THEY ARE SUITABLE FOR USE IN MOST DECOILING AND RECOILING APPLICATIONS.

2000kg Coilholder with Snubber



Double Sided 2000kg Coilholder with Twin Snubbers

## Features ...

- Expanding Link Action Mandrel (Manual or Hydraulic)
- Adjustable Back Tension Brake
- Coil Retaining Arms

## Benefits ...

- Robust Design
- Easy to Operate
- Reliable
- Improve Safety in Coil Handling

## Options ...

- Coil Lift
- Powered Thread Up Drive
- Twin Mandrels
- Traversing Base
- Material Snubbers
- Loop Control
- Coil Loading Car
- Indexing Base
- Recoil Segments
- Regen Braking Drive

## Technical Information ...

Model Range	Mandrel Range (mm)	Maximum Coil Weight (kg)	Maximum Coil Width (mm)	Standard Coil O/D (mm)
C500	255 - 570	500	225	1200
C1000 (L)	255 - 570	1000	450	1250
C1000 (R)	330 - 520	1000	600	1250
C2000 (L)	330 - 520	2000	600	1250
C2000 (R)	330 - 520	2000	800	1250
C2000 (L)	330 - 520	2000	1000	1250

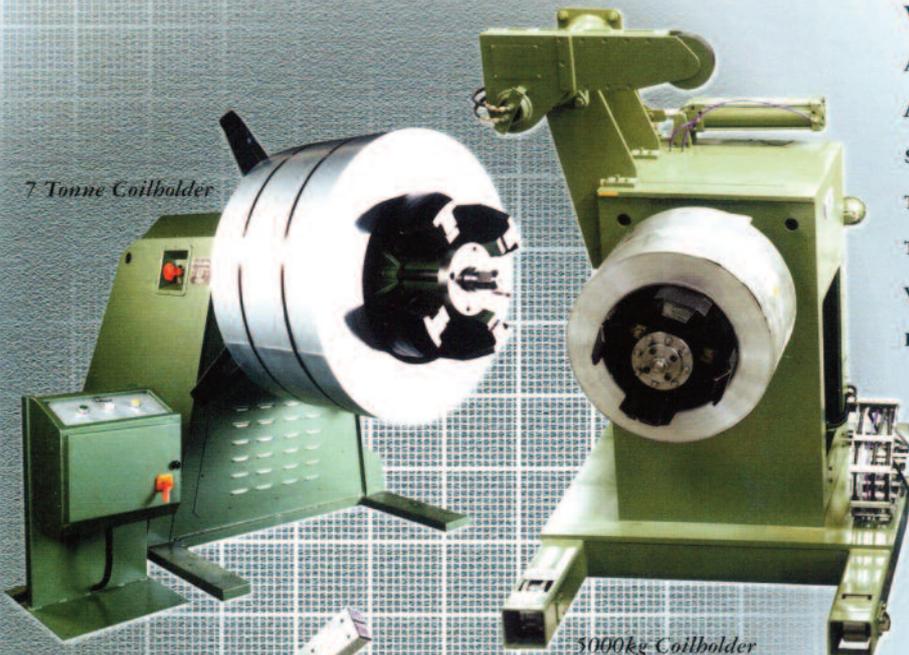
2000kg Recoiler with Hydraulic Mandrel Expansion and Snubber



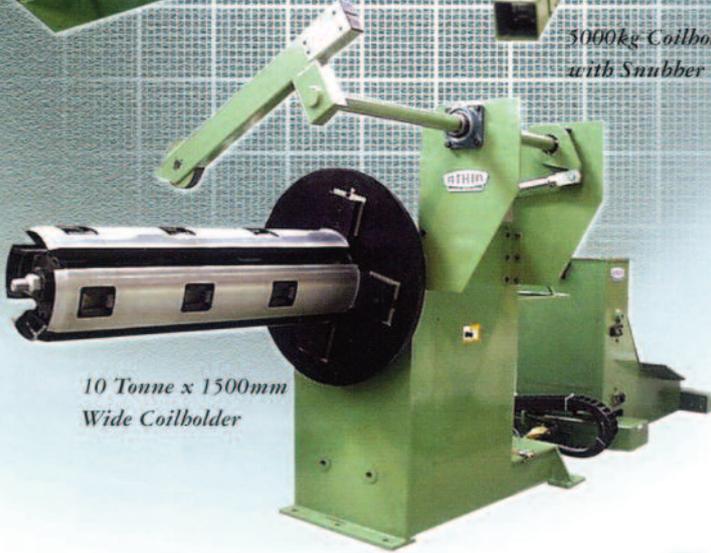
# COILHOLDERS

Heavy Duty

7 Tonne Coilholder



5000kg Coilholder with Snubber



10 Tonne x 1500mm Wide Coilholder

WHERE HEAVIER COILS ARE USED OR THE APPLICATION IS MORE ARDUOUS THE WEDGE ACTION MANDREL WITH ITS 3 OR 4 MANDREL SEGMENTS OFFERS A HEAVY DUTY ALTERNATIVE TO THE LINK ACTION COILHOLDER. SUITABLE FOR UP TO 20 TONNES AND WIDTHS OF 2000MM THE WEDGE ACTION COILHOLDER WILL HANDLE THE HEAVIEST OF APPLICATIONS WITH EASE.

## Features ...

- Hydraulic Mandrel Expansion
- Adjustable Back Tension Brake
- Wedge Action Mandrel
- Coil Retaining Arms on C Models
- Turned Segments on CH Models

## Benefits ...

- Robust and Heavy Duty Design
- Time Saving
- Reliable
- Improve Safety in Coil Handling

## Options ...

- Coil Lift
- Powered Thread Up Drive
- Twin Mandrels
- Traversing Base
- Material Snubbers
- Coil Loading Car
- Recoil Segments
- Coil Retaining Rollers

## Technical Information ...

Model Range	Mandrel Range (mm)	Maximum Coil Weight (kg)	Maximum Coil Width (mm)	Standard Coil O/D (mm)
C5000 (W)	390 - 520	5000	1500	1500
C6000 (W)	390 - 520	6000	1000	1500
CH6 (W)	490 - 620	6000	1250	1500
CH7 (W)	490 - 620	7000	1000	1500
CH10 (W)	490 - 620	10000	1500	1500
CH15 (W)	490 - 620	15000	2000	1500
CH20 (W)	490 - 620	20000	2000	1500

6000kg Coilholder with Snubber and Coil Car

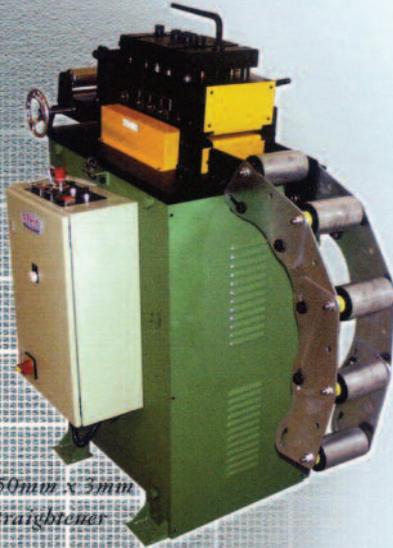
# STRAIGHTENERS

Light to Medium Duty

300mm x 2m  
Straightener



350mm x 2m  
Straightener



300mm x 3mm Straightener with  
1000kg Double Sided Coilholder

ATKIN AUTOMATION OFFER A WIDE RANGE OF STANDARD STRAIGHTENERS TO SUIT EVERY APPLICATION. THE LIGHT DUTY MS58 RANGE AND THE MEDIUM DUTY MS59 RANGE WILL PROCESS COIL UP TO 800MM WIDE. AVAILABLE WITH 7 OR 5 ROLL STRAIGHTENING HEADS THESE UNITS ARE DESIGNED TO BE A COST EFFECTIVE OPTION WHEN SELECTING YOUR COIL PROCESSING REQUIREMENTS.

THE MS59 RANGE IS THE MOST VERSATILE THAT ATKIN AUTOMATION OFFER WITH 150, 300, 450, 600, AND 800MM WIDE VERSIONS PRODUCED AS STANDARD. ADD TO THIS THE WIDE SELECTION OF AVAILABLE OPTIONS AND THE MS59 IS THE MOST LIKELY MACHINE TO SUIT YOUR APPLICATION.

## Features ...

- Fixed Speed Drive
- Split Head Construction
- Seven Straightening Rolls
- Four Pinch Rolls
- Outgoing Quadrant

## Benefits ...

- Remove Coil Set Prior to Punching
- Quick and Simple Coil Feeding
- Easy to Clean
- Robust and Reliable
- Quick Roll Adjustment

## Options ...

- Variable Speed Drive
- 9 & 17 Roll Straightening Heads
- Loop Control Systems
- Central Back-up Rolls
- Combination Units
- Self-Centring Guides
- Snubber Threader & Pre-bend Unit

## Technical Information ...

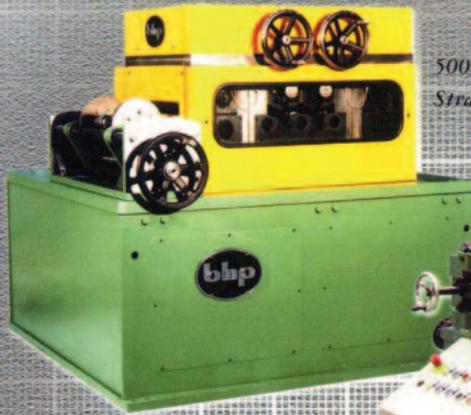
Model Range	Maximum Material Width (mm)	Maximum Material Thickness (mm)
MS58	350	3.0
MS59	800	5.0

300mm x 3.5 Straightener



# STRAIGHTENERS

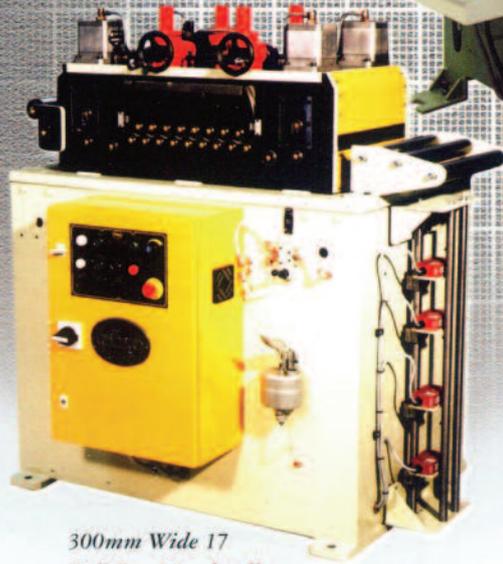
Heavy Duty



500mm x 6mm  
Straightener / Feeder



800mm x 3mm  
Straightener / Feeder



300mm Wide 17  
Roll Precision leveller

THE MS52, MS53 & MS54 REPRESENT THE HEAVIER RANGE OF STANDARD STRAIGHTENERS THAT ATKIN AUTOMATION PRODUCE FOR COIL PROCESSING. DESIGNED IN WIDTHS OF 300, 450, 600, 800, 1000, 1250, 1500, AND 2000MM THEY ARE CAPABLE OF PROCESSING A WIDE VARIETY OF MATERIALS. BY SELECTION FROM OUR LIST OF OPTIONS THESE MACHINES CAN BE CUSTOMISED TO SUIT THE MAJORITY OF HEAVY COIL PROCESSING APPLICATIONS. IN ADDITION TO OUR STANDARD RANGE OF EQUIPMENT WE OFFER A SELECTION OF SPECIALS, THESE ARE STRAIGHTENERS DESIGNED FOR SPECIAL APPLICATIONS. THESE STRAIGHTENERS COVER SPECIAL ALLOYS, MATERIALS OVER 8MM THICK, AND HIGH SPEED APPLICATIONS.

## Features ...

- Split Head Construction
- Seven Straightening Rolls
- Four Pinch Rolls
- Spherical Roller Bearings on Rolls
- Outgoing Quadrant
- Self Centring Guides

## Benefits ...

- Remove Coil Set Prior to Punching
- Quick and Simple Coil Feeding
- Easy to Clean
- Robust and Reliable
- Quick Roll Adjustment

## Options ...

- 9 & 17 Roll Straightening Heads
- Full Width Back up Rolls
- Cassette Roll Removal
- Upgrade to Feeder Levellers
- Central Back up Flights
- Infeed Table
- Snubber Threader & Pre-bend Unit

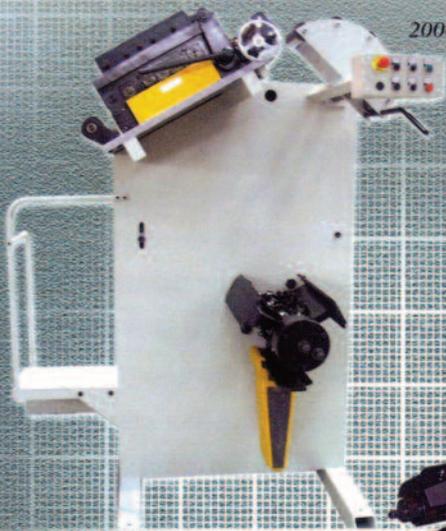
## Technical Information ...

Model Range	Maximum Material Width (mm)	Maximum Material Thickness (mm)
MS52	800	5
MS53	1500	6
MS54	2000	8

1000mm x 4mm Straightener

# SPACESAVERS

2000kgs x 450mm Spacesaver



1000kgs x 300mm  
Double Sided Spacesaver



500kg x 150mm Spacesaver

WHERE SPACE IS A PROBLEM AND THE MATERIAL BEING PROCESSED IS LESS THAN 2.5MM THICK, A COMBINED COILHOLDER AND STRAIGHTENER COULD BE THE SOLUTION. DESIGNED TO SAVE SPACE, THERE IS NO LOOPING AREA BETWEEN THE COILHOLDER AND THE STRAIGHTENER. SPACESAVERS OFFER COMPACT DESIGN WITH THE FACILITY OF RAPID COIL CHANGE.

## Features ...

- Expanding Link Action Mandrel (Manual or Hydraulic)
- Adjustable Back Tension Brake
- Coil Retaining Disc / Arms
- Powered Straightener

## Benefits ...

- Compact Design
- Easy to Operate
- Rapid Coil Changeover
- Safety

## Options ...

- Twin Mandrels
- Material Snubbers
- Self Centring Guides
- Loop Control
- Coil Retaining Discs

## Technical Information ...

Model Range	Coil Weight (kgs)	Maximum Material Width (mm)	Maximum Material (mm)
SP150	150 - 1000	150	2.5
SP225	500 - 1000	225	2.5
SP300	1000 - 2000	300	2.5
SP450	1000 - 2000	450	2.0

500kgs x 300mm  
Double Sided Spacesavers

# CRADLES

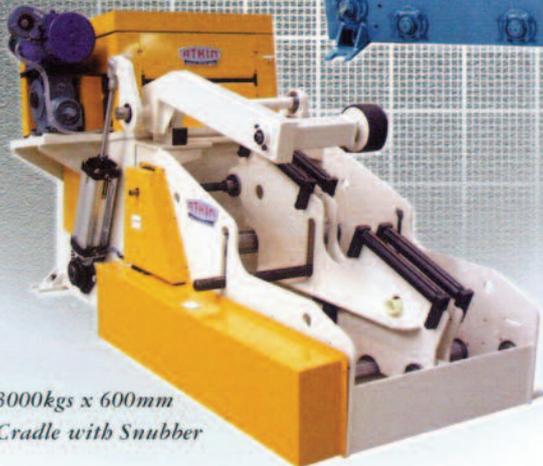
3000kgs x 600mm  
Cradle with Snubber



3000kgs x 600mm  
Cradle with Snubber



3000kgs x 600mm  
Cradle with Snubber



COMBINED COIL CRADLE AND STRAIGHTENERS ARE IDEALLY SUITED TO PROCESSING THICKER STRIP WHERE FLOOR SPACE IS LIMITED. THE CRADLE COMPRISES A FABRICATED FRAME WITH SUPPORT ROLLERS AND ADJUSTABLE SIDE RETAINING PLATES. SPECIAL FRAMES FOR 1600MM O/D COILS, SNUBBERS AND PRE-BEND UNITS ARE ALSO AVAILABLE.

## Features ...

- Separate Cradle and Straightening Modules on Larger Units
- Adjustable Side Plates
- Heavy Duty Snubber
- Coil Support Rolls

## Benefits ...

- Compact Design
- Fast Coil Loading
- Safest Method of Handling Thick Material

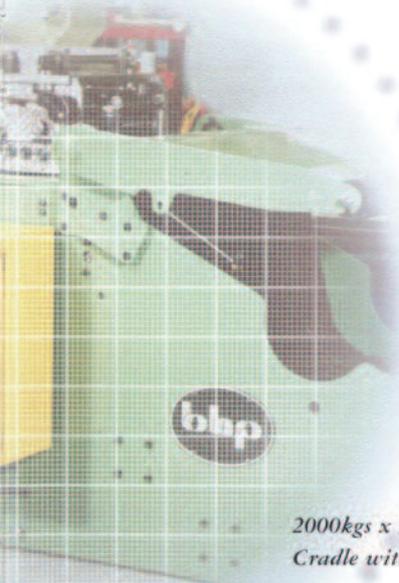
## Options ...

- Side Plate Rollers
- Driven Cradle Rollers
- Variable Speed Drive
- Pre-bend Unit
- Material Snubber
- Central Back Up Flights
- 5 + 7 Roll Options

## Technical Information ...

Model Range	Coil Weight (kgs)	Maximum Material Width (mm)	Maximum Material (mm)
MCRS59	2000	600	5.0
MCRS52	3000	600	5.0
MCRS53	3000	600	6.0
MCRS54	3000	600	8.0

2000kgs x 300mm  
Cradle with Snubber



# Accessories

To complement our range of coilholding equipment Atkin Automation offer a wide range of accessories designed to make coil handling and processing easier and safer. All of these can be ordered with new equipment and most can be fitted to existing equipment.



**Coil Loading Cars** - 'V' type coil cars for coils up to 5 tonnes and Mast type for up to 20 tonnes. Coil cars ease coil loading and eliminate waiting time.

**Coilholder Traverse & Coil Lift** - An alternative arrangement to the coil car system, whereby the coilholder traverses to the fixed position Coil Lift.

**Snubbers** - A selection of machine and floor mounted Snubbers are available to suit all applications.

**Snubber Thread Pre-bend** - A safe and cost effective method of providing coil guiding prior to the straightener.

**Refurbishment** - Atkin Automation offer a wide range of equipment which has been refurbished to an 'as new' condition. This equipment is offered with manufacturers warranty and offers a cost effective entry into coil processing.

Equipment supplied by Atkin Automation conforms to all current EC legislation and as such can be supplied with a Declaration of Incorporation or CE mark as appropriate.



GROUP  
RHODES  
A Member of Group Rhodes



Data provided in this literature is an approximate guide and shall not be contractually binding. The policy of Group Rhodes is one of continuous product development. The right to change specification and design at any time without notice is reserved. 0.1M/1115/A

Belle Vue, Wakefield, WF1 5EQ, England  
Tel: +44 (0) 1924 371161, Fax: +44 (0) 1924 370928  
E-mail: sales@atkinautomation.com  
Website: www.atkinautomation.com