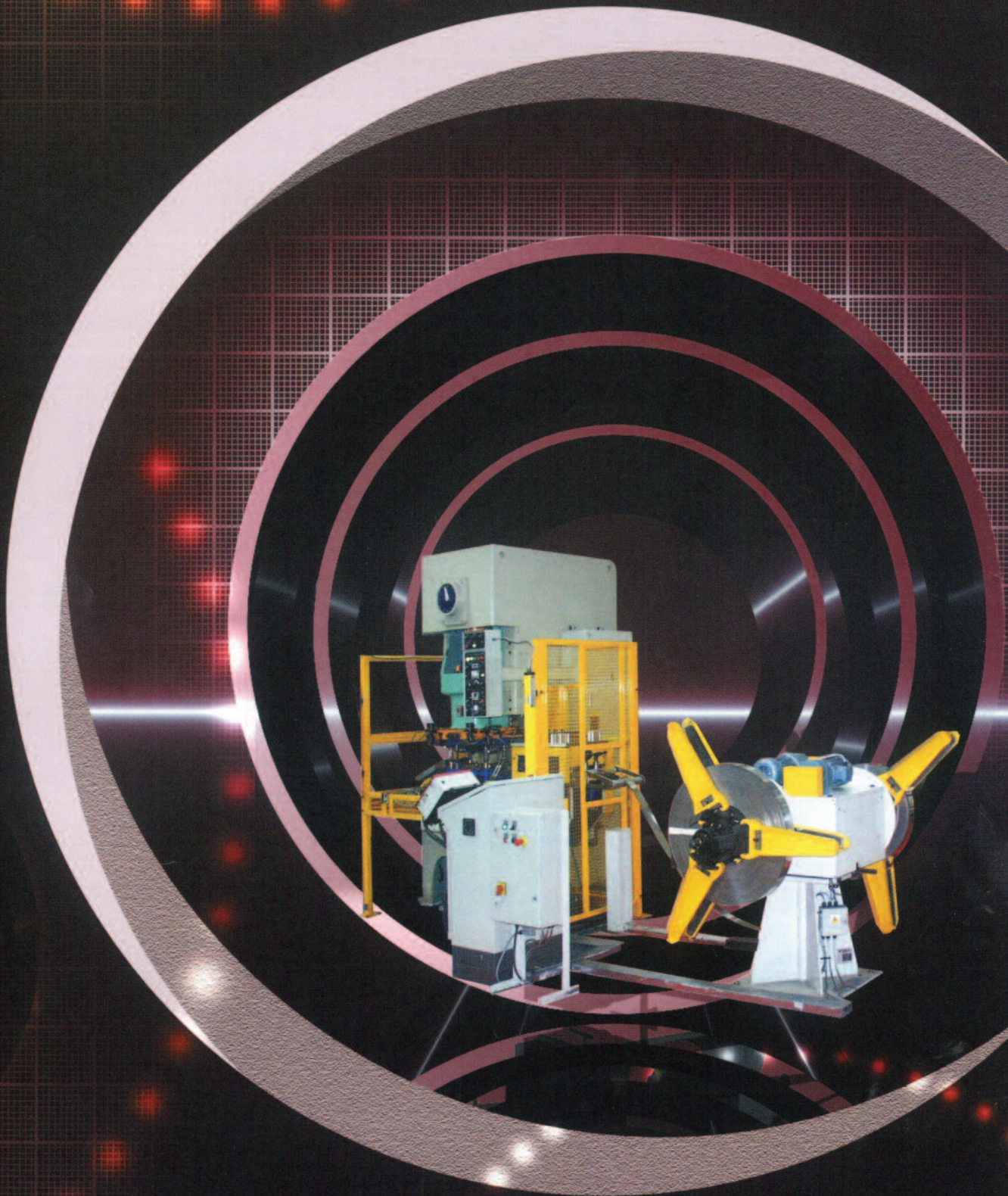


# Press & Coil Feed Equipment



**ATHIN**

**blp**



# STRAIGHTENER & ROLL FEED LINES

ALL ATKIN & BHP PRESS FEED LINES ARE DESIGNED AND MANUFACTURED TO THE HIGHEST STANDARDS IN THE U.K. BY USING ONLY THE BEST QUALITY MATERIALS AND COMPONENTS WE ENSURE THAT OUR EQUIPMENT STANDS THE TEST OF TIME AND PROVIDES THE HIGH PERFORMANCE DEMANDED BY INDUSTRY.

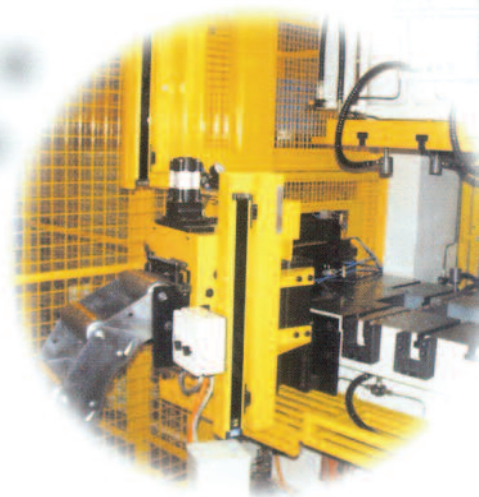


MS59 - 300 Straightener and Snubber Threader pre Bend Unit

5000kg Coilholder Coil Car



Double Sided 3000kgs - 450mm Coil Feed Line



RF60 - Roll Feed on Swivel Mount

## Straightener & Roll Feed Lines - Typical Specifications...

3000kgs x 800mm Press Feed Lines ready for despatch

Coil Width (mm)	Coil Weight (Kg) (Typical)	Straightener & Roll Feed	Maximum Material Thickness (mm)	Performance (maximum s.p.m).	Approx Line Length (m)
300mm	2000kg	MS59 & RF75	4.5mm	270	6000
450mm	3000kg	MS59 & RF75	4.0mm	240	10000
600mm	3000kg	MS59 & RF75	2.0mm	230	10000
800mm	5000kg	MS52 & RF100	2.5mm	240	12000
1000mm	7500kg	MS53 & RF127	3.5mm	230	12000
1500mm	10000kg	MS53 & RF127	2.5mm	200	12000

Coil Feed Lines for thicker materials available on request.





BY COUPLING OUR HIGH PERFORMANCE SERVO POWERED ROLL FEEDS AND STRAIGHTENERS INTO A HIGH SPEED PRESS FEED LINE, THE BENEFITS OF OVER SIXTY YEARS OF PRESS FEED EXPERIENCE ARE BROUGHT TOGETHER IN A PACKAGE WHICH WILL BRING PRODUCTIVITY IMPROVEMENTS FROM DAY ONE.



1000kg Double sided Coilholder  
MS59-300 and RF75-300 Feed Line

Features ...

- Separate Roll Feed & Straightener Units
- Feed Speed up to 150m/min
- Pneumatically adjustable Pinch Rolls
- Hardened & Ground Rolls
- User friendly Operator Interface
- Job Menu Selection
- Hand Held Jog Feed Control

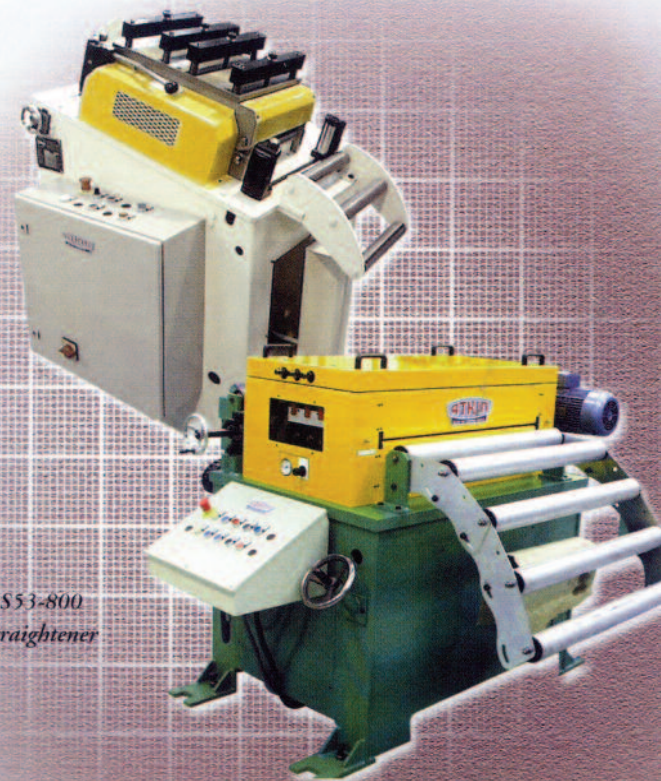
Benefits ...

- High Speed Performance
- Increased Productivity
- Maximum Flexibility
- Accurate to +/- 0.1mm
- 'CE' & 'EMC' compliant
- Built in Repeatability & Reliability

Options ...

- Coil Car / Coil Lift
- Thread up Drive
- Carry Over Table
- Material Snubbers
- Pilot Release
- Electronic Cambox
- Adjustable Feed Line Height
- Inclined Straightener Head
- Snubber Threader & Pre-bend Units

MS59-300 Inclined  
Head Straightener



MS53-800  
Straightener



# FEEDER LEVELLER LINES

WHERE SPACE IS AT A PREMIUM ATKIN & BHP OFFER A RANGE OF COMBINED FEEDER-LEVELLERS. BY COMBINING THE ROLL FEED AND STRAIGHTENING HEADS INTO ONE UNIT, THE LOOP NORMALLY USED TO STORE MATERIAL BETWEEN THESE UNITS IS ELIMINATED, SAVING A CONSIDERABLE AMOUNT OF SPACE.



3000kgs x 600mm  
Feeder Leveller Line

MSF59-450 Feeder Leveller  
(Press Mounted)



2000kgs x 450mm  
Feeder Leveller Line

MSF53-1250  
Feeder Leveller Line ready for testing



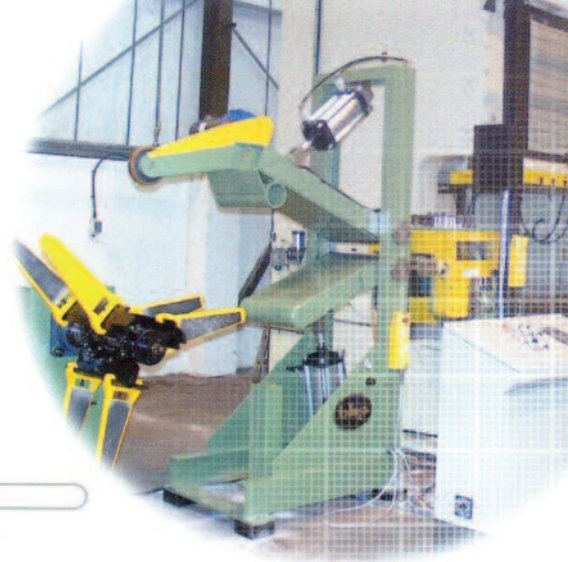
## Feeder-Leveller Lines - Typical Specifications...

Coil Width (mm)	Coil Weight (Kg) (Typical)	Feeder - Leveller (Model No.)	Maximum Material Thickness (mm)	Performance (typical s.p.m.)	Approx Line Length (mm)
300mm	2000kg	MSF59	4.5mm	140	3000
450mm	3000kg	MSF59	4.0mm	120	3000
600mm	3000kg	MSF59	2.0mm	120	3500
800mm	5000kg	MSF52	2.5mm	100	4000
1000mm	7500kg	MSF53	3.5mm	100	4000
1500mm	10000kg	MSF53	2.5mm	100	5000

Feeder Leveller Lines for thicker materials available on request.



THE COIL IS POWERED INTO A CONTROLLED LOOP BETWEEN THE COILHOLDER AND THE FEEDER LEVELLER ENSURING THAT MATERIAL IS ALWAYS AVAILABLE TO FEED.



2000kgs x 450mm Feeder Leveller Line

Features ...

- Feed Speed up to 40m/min
- Pneumatically adjustable Pinch Rolls
- Hardened & Ground Rolls
- Powered Decoiler
- User friendly Operator Interface
- Job Menu Selection
- Hand Held Jog Feed Control

Benefits ...

- Space Saving
- Avoids secondary looping of material
- Increases Flexibility
- Accurate to +/- 0.1mm
- Increases Productivity

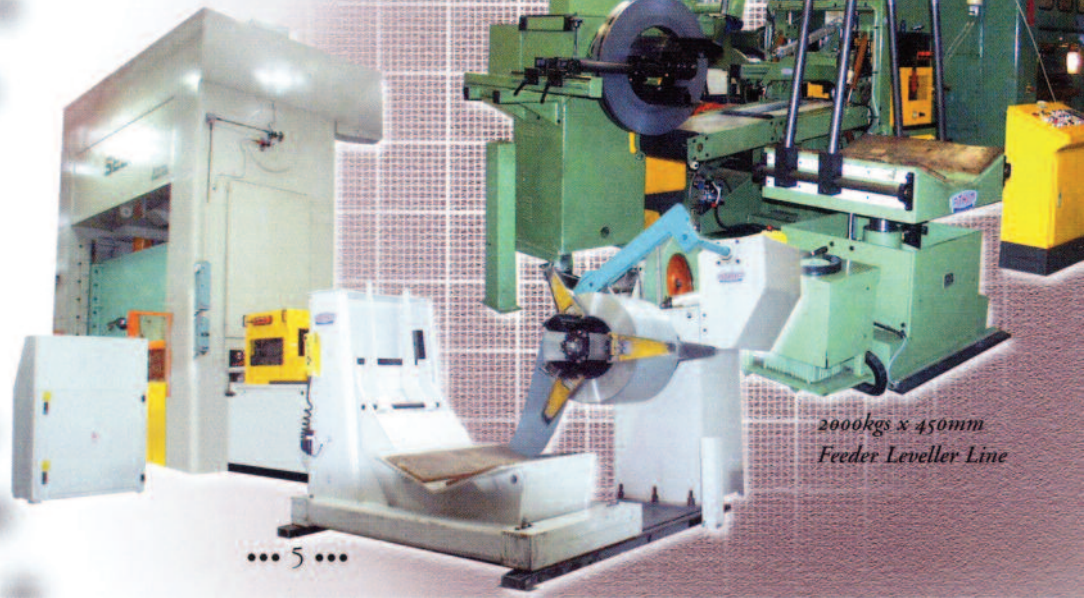
Options ...

- 9 Roll Heads (5 over 4)
- Pilot release
- Adjustable Feed Line Height
- Coil Loading Car
- Coil Lift
- Snubber, Threader Pre-bend Unit



2000kgs x 450mm Feeder Leveller Line

6000kgs x 1250mm Feeder Leveller Line



2000kgs x 450mm Feeder Leveller Line



# ROLL FEEDS

*RF150-1000  
High Speed Roll Feed*

SERVO POWERED ROLL FEEDS ARE IDEALLY SUITED FOR THE CONTINUOUS APPLICATION OF MODERN POWER PRESSES AND PROCESS LINES WHERE JUST-IN-TIME PRODUCTION REQUIRES GREATER FLEXIBILITY WHILST MAINTAINING A HIGH LEVEL OF PRODUCTIVITY.

*RF100-800*



*Special Servo Powered Rollfeed for 'Z' Purlins*

*RF127-1250  
Floor Mounted*

*Press Mounted RF75-150*

## Standard Servo Powered Roll Feeds - Typical Specifications...

<i>Model Range</i>	<i>Maximum Material Width (mm)</i>	<i>Maximum Material Thickness (mm)</i>	<i>Max SPM</i>
RF60	250mm	2mm	400
RF75	600mm	6mm	270
RF100	800mm	8mm	250
RF127	1500mm	8mm	230
RF160	2000mm	8mm	200



WITH THE ADDITION OF A SERVO ROLL FEED  
INCREMENTAL PITCHING, MULTI-PITCHING, AND  
PITCH & TRIP OPERATIONS ARE ALL POSSIBLE.



RF75-300

#### Features ...

- *Straightener interlock capability*
- *Tight Loop control*
- *Pneumatically adjustable Pinch Roll*
- *Quick release edge guides*
- *Sealed for life bearings*
- *Full width hardened and ground rolls*
- *Job menu selection*
- *User Friendly Operator Interface*

#### Benefits ...

- *Repeatable accuracy (+/- 0.1mm)*
- *Low maintenance*
- *Rapidly adjustable feed lengths*

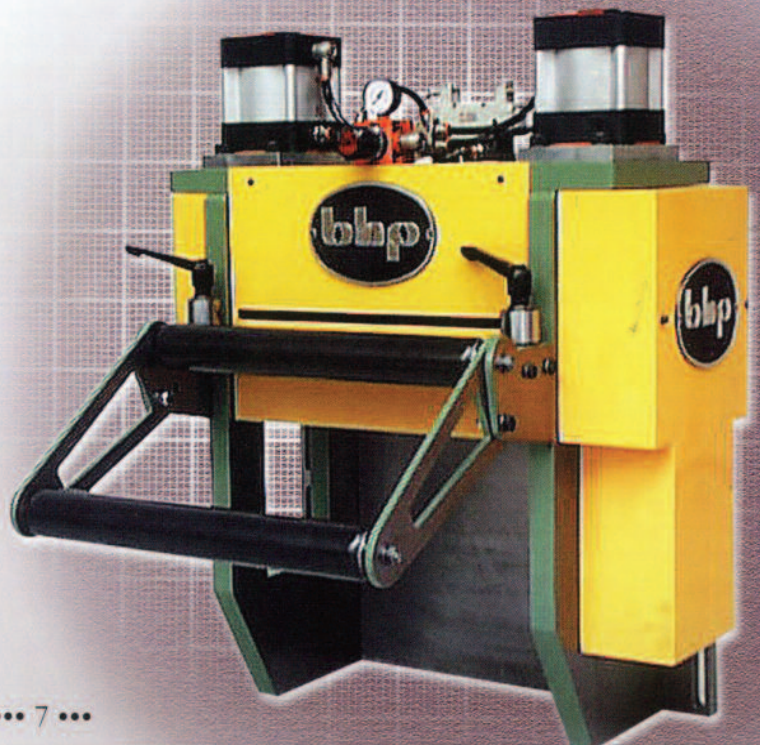
#### Options ...

- *Adjustable feed line height*
- *Pilot release*
- *Anti-fall back rolls*
- *Electronic cambox*
- *Control System Interface*



RF60-250 & Panel

RF100-450





# Accessories

To Compliment our range of coilholding equipment Atkin & BHP 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 Threader Pre-bend** - A safe and cost effective method of providing coil guiding prior to the straightener

**Refurbishment** - Atkin, BHP, & Formit 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. A selection of equipment is always on display in our factories in Thetford and Brierley Hill.

Equipment supplied by W.T. Atkin and BHP conforms to all current EC legislation and as such is issued with a **CE** mark where required.

**ATKIN**



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

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