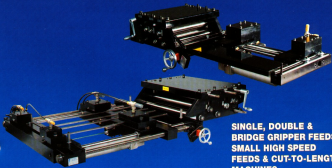


PRECISION AIR FEEDS



**SINGLE, DOUBLE &
BRIDGE GRIPPER FEEDS,
SMALL HIGH SPEED
FEEDS & CUT-TO-LENGTH
MACHINES**

PRESS ROOM EQUIPMENT INC.

COIL WEIGHT REFERENCE CHART

Based on 1" Strip Width Steel

OUTSIDE DIAMETER	INSIDE DIAMETER											
	6	8	10	12	14	16	18	20	22	24	26	28
10	15											
14	35	20	10									
18	65	60	50	40	30							
24	120	110	100	90	80	70	55	40				
28	170	160	150	140	130	120	105	90				
30	185	175	165	155	145	135	120	105	90	75	60	45
32	220	210	200	190	180	170	155	140	125	110	95	80
34	240	230	220	210	200	190	175	160	145	130	115	100
36	260	250	240	230	220	210	195	180	165	150	135	120
38	310	300	290	280	270	260	245	230	215	200	185	170
40	350	340	330	320	310	300	285	270	255	240	225	210
42	380	370	360	350	340	330	315	300	285	270	255	240
44	420	410	400	390	380	370	355	340	325	310	295	280
46	500	490	480	470	460	450	435	420	405	390	375	360
50	540	530	520	510	500	490	475	460	445	430	415	400
52	580	570	560	550	540	530	515	500	485	470	455	440
54	620	610	600	590	580	570	555	540	525	510	495	480
56	660	650	640	630	620	610	595	580	565	550	535	520
60	800	790	780	770	760	750	735	720	705	690	675	660
72	1110	1100	1090	1080	1070	1060	1045	1030	1015	1000	985	970

Pounds per inch of coil width—mild steel

CHART NOTE: Factor from chart x width of coil = total coil weight

To obtain weight of:

Aluminum - multiply total weight x .344

Brass - multiply total weight x 1.05

Copper - multiply total weight x 1.14

Stainless Steel - multiply total weight x 1.35

APPROXIMATE SHEET STEEL THICKNESS	G A U G E NUMBER	POUNDS PER SQUARE FOOT
.2361	3	10.000
.2042	4	9.375
.1875	5	8.750
.1643	6	8.125
.1496	7	7.500
.1345	8	6.875
.1196	9	6.250
.1045	10	5.625
.0900	11	5.000
.0768	12	4.375
.0640	13	3.750
.0547	14	3.125
.0473	15	2.812
.0399	16	2.500
.0338	17	2.250
.0287	18	2.000
.0241	19	1.750
.0200	20	1.500
.0169	21	1.375
.0143	22	1.250
.0120	23	1.125
.0100	24	1.000
.0083	25	.875
.0070	26	.750
.0059	27	.680
.0050	28	.625
.0043	29	.563
.0037	30	.500

BASIC TERMS & CONDITIONS

(Complete terms & conditions of sale supplied with all quotation)

Warranty

The products described in this catalog are warranted by Press Room Equipment Inc. to be free from defects in workmanship and material for a period of 1 year from the date of shipment by the Company.

Press Room Equipment Inc.'s obligation is limited to repair or replacement, F.O.B., Springfield, Missouri, any component which upon examination, proves to be defective. Normal wear parts such as O-rings, wear plates and gripper faces are not included in warranty.

LEASING: Request leasing information.

PICTURES: are for illustration only and safety devices may have been omitted for clarity.

SHIPMENTS: F.O.B., Springfield, Missouri, unless otherwise noted on quotations.

DAMAGED OR LOST ITEMS: the delivery carrier is responsible for all loss or damage.

MISPRINTS: we have strived to insure accuracy in printing this catalog, but we will not be held responsible for printing errors or omissions.

- SAFETY NOTES -

IT IS THE RESPONSIBILITY OF THE USER OF THIS EQUIPMENT TO COMPLY WITH ALL CURRENT AND FUTURE SAFETY REGULATIONS SPECIFIED BY THE OCCUPATIONAL SAFETY AND HEALTH ACT AND/OR THE USER'S STATE OR LOCAL SAFETY LAWS. THE USE OF SAFETY GUARDS IS REQUIRED TO PREVENT OPERATOR INJURY.

PRODUCT SPECIFICATIONS

All Press Room Equipment Inc.'s product specifications are subject to change without prior notice. Press Room Equipment Inc. will supply updated technical data and specifications on any product upon written request.

PATENT INFORMATION

All products in this catalog are protected by patent numbers: 4099013, 4430447, 4513899 or patents pending.

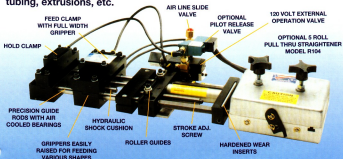
PRESS ROOM EQUIPMENT INC.

807-A N.Prince Lane • Springfield, MO 65802 • Phone: (417) 864-3636 • FAX: (417) 864-3667

B11 HIGH SPEED AIR FEEDS

FAST - ACCURATE - VERSATILE - LOW COST

Feeds: Steel and other metals plus, paper, foil, plastic, wire, tubing, extrusions, etc.



PRE's B11 Series of "HITCH FEEDS" answer your needs for a compact air feed that is easy to install, runs faster than all other feeds of this type and does not have over 30 o-rings and other high maintenance components.

All B11 feeds include a 120 volt solenoid operated valve that is externally mounted, instead of complex internal valving. The very effective hydraulic shock absorber decelerates the feed block at each end of the stroke for accuracy to $\pm .001$.



FIVE ROLL STRAIGHTENER

Used with our B11 feeds, our Model R104 five roll, pull-thru straighteners are compact and made for light duty coil set removal. The maximum stock capacity is approx. .036 x 4" wide mild steel.

OPTIONAL FEATURES

- Safety guards
- Pull-thru straighteners
- Non-marking grippers
- Pilot release circuit
- Anti-buckling guides
- Mounting plates
- Support leg
- Filter-Regulator-Lubricator
- Press mounting brackets
- Wire straighteners
- Turn-key cut-to-length machines
- Special grippers for wire, tubing extrusions and many other shapes.

1			2	3			
Model Number	Max Stock Width	Max Stroke Length	Max strokes Per Min.	Stock Thickness	Feed Force	Hold Clamp	Feed Clamp
B11-402	4 1/2	2 1/4	235	.002-.075	190lbs.	200lbs.	500lbs.
B11-4x4	4 1/2	4 1/4	205	.002-.075	190lbs.	200lbs.	500lbs.
B11-4x6	4 1/2	6 1/4	175	.002-.075	190lbs.	200lbs.	500lbs.

(All values based on mild steel and 120 PSI)

1. Approx. feed rate at maximum stroke - feed rate is slower with heavier materials.
2. Thin or flexible materials may require anti-buckling guides, thicker material may require clamp mount riser blocks. A bell on straightener will reduce stock thickness and/or speed.
3. Recommended operating pressure 75 to 120 PSI.

PRE SINGLE GRIPPER AIR FEED

PRE AIR FEEDS - Designed and built to operate in the most hostile metal stamping environment. **FAST - RELIABLE - OPERATOR FRIENDLY!**

In the competitive world of Metal Stamping and Press Room Automation, performance of your presses and ancillary equipment is extremely important. That's why PRE introduced their new series of Single (NS) and Double (ND) Gripper Air Feeds in 1991.

The PRE Air Feed has been proven to be the most precise, fastest and easiest to adjust Air Feed available. There are 133 Standard Single Gripper Feed Models with widths to 24" and stroke lengths up to 48" in a Single Stroke. We also offer longer strokes, in 6" increments up to 96", as catalog options.

PILOT RELEASE CIRCUIT
WITH LIMIT SWITCH

HOLD CLAMP GRIPPER
CLOSER TO THE TOOLING

FOUR STOCK
ROLLER GUIDES

HARDENED WEAR BARS IN THE
FRONT & REAR BLOCKS

STROKE LENGTHS UP TO 48" WITH LONGER
STROKES AVAILABLE IN 6"
INCREMENTS UP TO 96"

GRIPPER RISER BLOCKS
AVAILABLE FOR FEEDING WIRE,
TUBING AND OTHER SHAPES

FEED CLAMP
GRIPPER

LOWER STOCK SUPPORT
[12" & wider feeds]

LARGE PRECISION GUIDE RODS
WITH LINEAR BALL BUSHINGS

When you consider the broad thickness & width range, higher operating speeds, accuracy of $\pm .002$, compact heavy duty modular construction and PRE's exclusive crank operated stroke adjustment with a read out, a PRE Air Feed is an attractive alternative to even the lowest cost SERVO FEED.



NS40 - 24x30 with
mounting cabinets,
pull thru straightener
with powered pinch
roll, stock roller &
other options!

OTHER STANDARD FEATURES ARE:

- Press Control Feed Switch (wired)
- Adjustable Speed Control Mufflers
- Automatic Cable Tensioning Device
- 120 Volt Ceramic Operating Valves
- Panel Type Guards
- One (1) Year Warranty
- Manual 3-Way Air Supply Valve
- On/Off/Pilot Switch in mounted box



HEAVY-DUTY 5 & 7 ROLL PULL THROUGH STRAIGHTENERS
(see option page)

CHOOSE FEED DIRECTION
OF EITHER
RIGHT TO LEFT (shown)
OR LEFT TO RIGHT

ON/OFF/PILOT SWITCH IN FUSED
BOX NEAR THE OPERATOR
(not shown)

STROKE ADJUSTMENT
RELEASE HANDLED

DUAL HYDRAULIC
CUSHIONS

EASY TO USE CRANK OPERATED
STROKE LENGTH ADJUSTMENT
WITH READOUT

OPTIONS AVAILABLE FOR PRE'S "NS" AIR FEEDS

- Mounting cabinets with 10" adjustment, air supply valve, press mounting bracket, recessed controls and a filter-regulator-lubricator. (Special pass line heights available.)
- Crank operated lateral stock centering adjustment.
- Powered or manual threading Pinch Rolls.
- Anti-buckling guides and special entrapments.
- Non-marking grippers and special gripper shapes.
- Multi-stroke and Batch-Multi-Stroke counters.
- Hinged metal guards with interlock circuits.
- 30 gallon certified surge tanks.
- Feed Sleeve Press/Press Sleeve Feed control. (PSF is std.)
- Press mounting angle brackets.
- Adjustable rear support legs (standard with Feed Straightener).
- Stock slicers.
- PRE also offers the best heavy-duty pull through straighteners available - featuring machined side plates and bearings pressed in the precision hardened & ground rolls. The upper rolls are adjusted with crank operated worm gears and cross shafts for positive parallelism of the rolls. The top covers are easily removed to allow roll cleaning. Manual pinch rolls are standard on 2" roll models and optional on 2" & 3 1/2" models. Powered pinch rolls are available on all models except 1 1/2".

See Air Feed Options Page

		MODEL NS15 1 1/2" Bore Pulling Force- 174 lbs. at 100 psi.			MODEL NS20 2" Bore Pulling Force- 309 lbs. at 100 psi.			MODEL NS25 2 1/2" Bore Pulling Force- 480 lbs. at 100 psi.			MODEL NS32 3 1/2" Bore Pulling Force- 821 lbs. at 100 psi.			MODEL NS40 4" Bore Pulling Force- 1249 lbs. at 100 psi.		
		Stroke Tables (in./in.)			Stroke Tables (in./in.)			Stroke Tables (in./in.)			Stroke Tables (in./in.)			Stroke Tables (in./in.)		
Maximum Stock Width	Stroke Length	Max. Stroke in./in.	Min. Stroke in./in.	Max. Stroke in./in.	Max. Stroke in./in.	Min. Stroke in./in.	Max. Stroke in./in.	Max. Stroke in./in.	Min. Stroke in./in.	Max. Stroke in./in.	Max. Stroke in./in.	Min. Stroke in./in.	Max. Stroke in./in.	Max. Stroke in./in.	Min. Stroke in./in.	Max. Stroke in./in.
6"	8"	140		128		128		100		88		88		78		
	12"	110		108		108		90		80		75		60		
	16"	90		78		78		70		60		55		45		
	24"	60	.000	.000	.55	.158	.128	50	.101	45	.235	.202	45	.360	.312	
	30"	50		45		40		40		35		35		30		
	36"	40		35		30		30		25		25		20		
	48"	30		25		25		25		20		20		15		
12"	8"	140		128		128		100		88		88		78		
	12"	110		108		108		90		80		75		60		
	16"	90		78		78		70		60		55		45		
	24"	60	.000	.030	.55	.128	.080	50	.106	45	.202	.171	45	.312	.266	
	30"	50		45		40		40		35		35		30		
	36"	40		35		30		30		25		25		20		
	48"	30		25		25		25		20		20		15		
18"	8"	140		128		128		100		88		88		78		
	12"	110		108		108		90		80		75		60		
	16"	90		78		78		70		60		55		45		
	24"	60	.045	.021	.55	.088	.080	50	.125	.088	.171	.148	45	.258	.181	
	30"	50		45		40		40		35		35		30		
	36"	40		35		30		30		25		25		20		
	48"	30		25		25		25		20		20		15		
24"	8"	140		128		128		100		88		88		78		
	12"	110		108		108		90		80		75		60		
	16"	90		78		78		70		60		55		45		
	24"	60	N/A	N/A	.55	.088	.040	50	.090	.060	50	.135	.085	45	.208	.150
	30"	50		45		40		40		35		35		30		
	36"	40		35		30		30		25		25		20		
	48"	30		25		25		25		20		20		15		

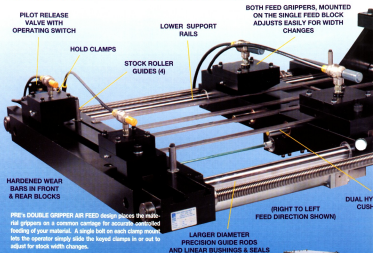
Pull-through straighteners, excessive hardness, coil set and/or camber can affect the operating speed of any feed.

Note: The maximum stroke length and stock widths are approximately 1/2" more than the chart indicates. Call us if your needs exceed these parameters. For special applications, larger bore sizes are available.

PRE DOUBLE GRIPPER AIR FEED

PRE AIR FEEDS - Designed and built to operate in the most hostile metal stamping environment. **FAST - RELIABLE - OPERATOR FRIENDLY!**

STANDARD STROKE LENGTHS UP TO 48" WITH LONGER STROKES AVAILABLE IN 6" INCREMENTS UP TO 96"



PRE's DOUBLE GRIPPER design places the material grippers on a common cartage for accurate controlled feeding of your material. A single bolt on each clamp mount lets the operator simply slide the keyed clamps in or out to adjust for stock width changes.

PRE's unique DOUBLE GRIPPER feed design is especially effective with thin and/or flexible materials that require gripping on both sides for fast, smooth and accurate feeding.

PRE's air feeds, single, double or bridge gripper styles, all include our exclusive dual hydraulic shock absorbers, cable cylinder power and crank operated stroke adjustment at the operators position.

PRE's DOUBLE GRIPPER AIR FEEDS are available in 112 different standard models up to 48" x 48" with longer and wider feeds available to suit your particular requirements.

For Accuracies of + .002, higher feed rates, reliability and a very competitive price, Press Room Equipment Inc. is your best choice.



OTHER STANDARD FEATURES ARE:

- Press Control Feed Switch (wired)
- Adjustable Speed Control Mufflers
- Automatic Cable Tensioning Device
- 120 Volt Ceramic Operating Valves
- Panel Type Guards
- One (1) Year Warranty
- Manual 3-Way Air Supply Valve
- On/Off/Pilot Switch in mounted box



OPTIONAL 5 & 7 ROLL PULL THROUGH STRAIGHTENER

ON/OFF/PILOT SWITCH IN MOUNTED BOX (not shown)

CRANK OPERATED STROKE ADJUSTMENT WITH READOUT

STROKE ADJUSTMENT RELEASE HANDLE

HYDRAULIC
SYSTEMS

OPTIONS AVAILABLE FOR PRE'S "ND" AIR FEEDS

- Mounting cabinets with 10" adjustment, air supply valve, press mounting bracket, recessed controls and a filter-regulator-lubricator. (Special pass line heights available.)
- Powered or manual threading pinch rolls.
- Anti-buckling guides and special entrainers.
- Non-marking grippers and special gripper shapes.
- Multi-stroke and batch-multi-stroke counters.
- Hinged metal guards with interlock circuits.
- 30 gallon certified surge tanks.
- Feed Slave Press/Press Slave Feed Control. (PSF is std.)
- Press mounting angle brackets.
- Adjustable rear support legs, standard with Feed Straightener.
- Stock silers.
- PRE also offers the best heavy-duty pull through straighteners available - featuring machined side plates, heavy duty bearings pressed in the precision hardened & ground rolls. The upper rolls are adjusted with crank operated worm gears and cross shafts for positive parallelism of the rolls. The top covers are easily removed to allow roll cleaning. Manual pinch rolls are standard on 3" roll models and optional on 2" & 1 1/2" roll models. Powered pinch rolls are available on all models except 1 1/2" roll models.

See Air Feed Options Page

		MODEL ND20 2" Bore Pulling Force- 300 lbs. at 100psi.				MODEL ND25 2 1/2" Bore Pulling Force- 400 lbs. at 100psi.				MODEL ND32 3 1/2" Bore Pulling Force- 520 lbs. at 100psi.				MODEL ND40 4" Bore Pulling Force- 640 lbs. at 100psi.			
Max. Stroke Length	Stroke Length	Stroke Indicated		Stroke Indicated		Stroke Indicated		Stroke Indicated		Stroke Indicated		Stroke Indicated		Stroke Indicated		Stroke Indicated	
		Max. Stroke Length	Min. Stroke Length	Max. Stroke Length	Min. Stroke Length	Max. Stroke Length	Min. Stroke Length	Max. Stroke Length	Min. Stroke Length	Max. Stroke Length	Min. Stroke Length	Max. Stroke Length	Min. Stroke Length	Max. Stroke Length	Min. Stroke Length	Max. Stroke Length	Min. Stroke Length
24"	8"	120	90	100	90	90	90	90	90	90	90	90	90	90	90	90	90
	12"	90	60	70	60	60	60	60	60	60	60	60	60	60	60	60	60
	16"	70	40	50	40	40	40	40	40	40	40	40	40	40	40	40	40
	20"	50	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20
	24"	30	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0
30"	8"	120	90	100	90	90	90	90	90	90	90	90	90	90	90	90	90
	12"	90	60	70	60	60	60	60	60	60	60	60	60	60	60	60	60
	16"	70	40	50	40	40	40	40	40	40	40	40	40	40	40	40	40
	20"	50	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20
	24"	30	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0
36"	8"	120	90	100	90	90	90	90	90	90	90	90	90	90	90	90	90
	12"	90	60	70	60	60	60	60	60	60	60	60	60	60	60	60	60
	16"	70	40	50	40	40	40	40	40	40	40	40	40	40	40	40	40
	20"	50	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20
	24"	30	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0
40"	8"	120	90	100	90	90	90	90	90	90	90	90	90	90	90	90	90
	12"	90	60	70	60	60	60	60	60	60	60	60	60	60	60	60	60
	16"	70	40	50	40	40	40	40	40	40	40	40	40	40	40	40	40
	20"	50	20	30	20	30	20	30	20	30	20	30	20	30	20	30	20
	24"	30	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0

Pull-through straighteners, excessive hardness, coil set and/or camber can affect the operating speed of any feed.

Note: The maximum stroke length and stock widths are approximately 1/2" more than the chart indicates. Call us if your needs exceed these parameters. For special applications, larger bore sizes are available.

PRE AIR FEED OPTIONS

We offer you many options which allow you to tailor Press Room Equipment Inc. feeds to your specific needs. Call us or contact your area distributor for application assistance.



■ Hinged guards with interlock circuit



■ Anti-buckling guides for long, thin and flexible mater.



■ Portability casters under cabinets



■ 3-roll catenary (with hold down roll)



■ Stock rollers



■ Special grippers & guides for sand-paper, wire cloth, etc.

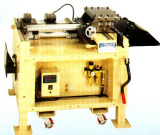


■ Adjustable support legs (standard with feed/straightener combinations.)



■ Wire straighteners

- Batch & multi stroke counters
- Lateral crank adjustment for cabinet mounted Single Gripper "NS" Air Feeds.
- Filter - Regulator - Lubricators
- Non-marking grippers for preprinted or decorative finishes
- Upper and lower entrapment for special applications
- Motorized stroke length adjustment with digital readout
- Feed Slave Press/Press Slave Feed Control Circuits
- Air supply safety shut-off circuits
- Surge tanks
- Heavy-Duty Angle-Type press mounting brackets.



- Adjustable height mounting cabinets

Standard Features:

- Independent worm gear roll adjustment
- Heavy duty needle bearings with lube fittings
- Hardened and ground entry guides
- Machined side plates
- Hardened and ground straightening rolls
- Support leg (with feed/straightener comb.)
- Pinch rolls (Standard on models with 3" diameters and all 7 roll straighteners)

Optional Features:

- Motorized pinch rolls with torque limiter
- Traction finish on pinch rolls
- Pinch rolls (on 2 and 2 1/2" models)
(standard on 3" roll models)



- Powered pinch rolls for straighteners

Standard Cabinet Features:

- Recessed control panel
- Four 10,000 lb. capacity legs
- Pass line adjustment from 42" to 52" standard
- Filter - Regulator - Lubricator
- Press attachment bracket
- Heavy duty steel construction
- Heavy duty floor plates with lag holes
- Fork-Lift channels

Cabinet Options:

- Cabinet casters
- Lateral crank adjustment for 'MS' model feeds
- Special pass line heights
- Special paint

Pull-Through Straighteners- 5 or 7 rolls

Press room Equipment Inc.'s heavy duty, pull-through straighteners are available in 1 1/2", 2", 2 1/2", and 3" roll diameters. Our straightener rolls are independently adjustable featuring a highly reliable worm gear and cross shaft arrangement.

Straightening rolls and pinch rolls are hardened and ground 1000 steel with a surface finish in the 12-16 RMS range. They are equipped with machined side plates, heavy duty bearings and hardened stock roller guides.



- Heavy duty, pull-through straighteners - 5 and 7 roll

Optional Straighteners, Mounting Brackets & Cabinets "N2" Double Gripper Feeds						
Feed Model & Width	5 Roll Striver without Pinch Rolls	5 Roll Striver with Pinch Rolls	7 Roll Striver with Pinch Rolls	Mounting Bracket	Mounting Cab.	
MS 20-34"	R2524-S	R2524-SPR	R2524-TPR	SM8-24	8-1	
30"	R2530-S	R2530-SPR	R2530-TPR	SM8-24	8-1	
36"	R2536-S	R2536-SPR	R2536-TPR	SM8-24	8-1	
48"	R2548-S	R2548-SPR	R2548-TPR	SM8-48	8-1	
MS 25-34"	R2524-S	R2524-SPR	R2524-TPR	SM8-24	8-1	
30"	R2530-S	R2530-SPR	R2530-TPR	SM8-24	8-1	
36"	R2536-S	R2536-SPR	R2536-TPR	SM8-48	8-1	
48"	N/A	R2548-SPR	R2548-TPR	SM8-48	8-1	
MS 22-34"	N/A	R2524-SPR	R2524-TPR	SM8-24	8-1	
30"	N/A	R2530-SPR	R2530-TPR	SM8-24	8-1	
36"	N/A	R2536-SPR	R2536-TPR	SM8-48	8-1	
48"	N/A	R2548-SPR	R2548-TPR	SM8-48	8-1	
MS 40-34"	N/A	R2524-SPR	R2524-TPR	SM8-24	8-1	
30"	N/A	R2530-SPR	R2530-TPR	SM8-24	8-1	
36"	N/A	R2536-SPR	R2536-TPR	SM8-48	8-1	
48"	N/A	R2548-SPR	R2548-TPR	SM8-48	8-1	

Optional Straighteners, Mounting Brackets & Cabinets "N2" Single Gripper Feeds					
Feed Model & Width	5 Roll Striver without Pinch Rolls	5 Roll Striver with Pinch Rolls	7 Roll Striver with Pinch Rolls	Mounting Bracket	Mounting Cab.
MS 15-8"	R2108-S R2108-S-5	N/A N/A	N/A N/A	SM8-12 SM8-24	A-1 A-1
MS 20-8"	R2008-S R2012-S R2018-S R2524-S	R2008-SPR R2012-SPR R2018-SPR R2524-TPR	R2008-TPR R2012-TPR R2018-TPR SM8-24	SM8-12 SM8-12 SM8-24 SM8-24	A-1 A-1 A-1 A-1
MS 25-8"	R2008-S R2012-S R2018-S R2524-S	R2008-SPR R2012-SPR R2018-SPR R2524-TPR	R2008-TPR R2012-TPR R2018-TPR SM8-24	SM8-12 SM8-12 SM8-24 SM8-24	A-1 A-1 A-1 A-1
MS 32-8"	N/A N/A N/A N/A	R2008-SPR R2012-SPR R2018-SPR N/A	R2008-TPR R2012-TPR R2018-TPR SM8-24	SM8-12 SM8-12 SM8-24 SM8-24	A-1 A-1 A-1 A-1
MS 40-8"	N/A N/A N/A N/A	R2008-SPR R2012-SPR R2018-SPR R2524-SPR	R2008-TPR R2012-TPR R2018-TPR R2524-TPR	SM8-12 SM8-12 SM8-24 SM8-24	A-1 A-1 A-1 A-1

CUT-TO-LENGTH MACHINES

PRE offers a wide range of Cut-to-Length Lines at very attractive prices.

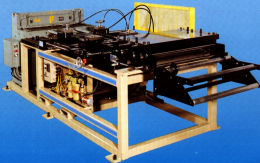


PRE's Cut-to-Length machines are built around our standard Single, Double or Bridge Gripper Air Feeds. The PRE Feed is sized to your material parameters and interfaced with a commercial pneumatic, hydraulic or mechanical shear. We also provide precision Cut-off dies with carbide or D-2 tool steel blades for close tolerance, burr free applications such as silicon electrical steels.

The Cut-to-Lengths are available in widths up to 60 inches in 6 inch increments and stroke lengths up to 48 inches or longer. The optional programmable multi-stroke control allows you to make any reasonable part length you wish. Because of our accurate Air Feeds, part length tolerances of $\pm .005$ are common.

While all the Cut-to-length machines shown on this page are for flat coiled stock materials, PRE also builds Cut-to-Lengths for tubing, wire, rubber hose, extruded rubber and many other configurations.

Please call PRE's sales department or your local PRE Distributor to discuss any application or project you are considering.



BRIDGE GRIPPER AIR FEEDS

PRE offers Bridge Gripper Feeds in stock widths of 6", 12", 18", 24", 30", 36" & 48" with stroke lengths to 48" and more!

Bridge Gripper Air Feed Model NB15 - 18x12 for feeding gasket material into the front of an inclined CBI Press. Note Angled Guide Plate & special Press Mounting Bracket.



Bridge Gripper Feeds are built with a "Bridge" Bar or Grippers that contact the material across its entire width except where the Grippers are relieved for upper & lower entrapment (Anti-Buckling) Rails.

PRE's Bridge Gripper Feeds are an excellent solution to problems associated with feeding thin, flexible or delicate materials. The large contact area or "foot print" on the material and the even feed force provided by the center line mounted cable cylinder, insures fast, accurate, trouble free operation.

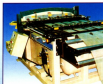
Bridge Gripper Feeds also allow the material to remain on the center line of the feed & press without moving the feed or grippers for stock width changes.

PRE has built many Bridge Gripper Feeds for material such as:

- Woven Wire Cloth (Screen)
- Paper
- Gasket Material
- Filter Material
- Felt
- Cork

Please call PRE or your PRE Distributor to discuss your application.

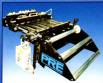
Please Note: All of PRE's Single, Double or Bridge Gripper Feeds (NS, ND, NB) feature our exclusive crank operated stroke adjustment with a digital (manual) readout. No tools are required to adjust the stroke length!



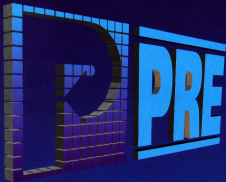
PRE Cut-to-Length machines featuring a Bridge Gripper Feed Model NB25 - 50x36. This feed can feed up to five (5) strips (wire cloth shown) of virtually any material at a time. Whether coming out of a slitter or off a Pay Out Reel.



Our most common Bridge Gripper Feed design. The Feed shown is a NB 20 - 18x24 with wide gripper pads that are straddling the upper & lower Entrapment Rails or guides. This type of feed is ideally suited for cork, paper, foil, wire cloth, etc.



Bridge Gripper Air Feed Model NB28 - 24x12 for thin aluminum, copper foil, paper, gasket material, etc.



PRESS ROOM EQUIPMENT INC.

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Springfield, MO 65802
(417) 864-3636
FAX (417) 864-3667

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