

### Pneumatic tensioners

Signode® pneumatic tensioners take most of the effort out of strapping large or compressible packages. They make tensioning uniform and precise through adjustment of the air pressure regulator. Three basic types are available: the feedwheel type, the push type, and the windlass type.

#### Feedwheel type—for general use



**FN-114T**  
General heavy-duty, with cutter.



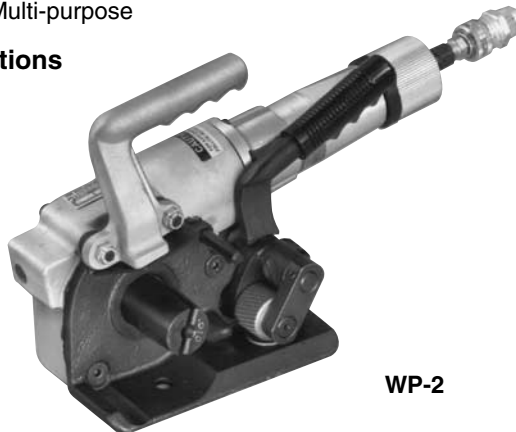
**HN-1-114**  
High tension at low air pressure.

#### Push type—for round or irregular bundles



**PN-2-114**  
Multi-purpose

#### Windlass type—for heavy-duty applications



**WP-2**

### Pneumatic tensioner specifications

Model	Part Number	Description	Maximum Strap Tension @ 90 P.S.I.		Strap Size				Strap Type	Strap Finish	Base Length Under Strap		Weight	
					lbs	N	Width				Thickness		inch	mm
			inch	mm			inch	mm						
FN-114T	008810	Feedwheel Type	3000	13 350	3/4–1-1/4	19.0–31.8	0.031–0.044	0.79–1.12	Magnus	Painted & Waxed	5-1/8	130	24	10.9
HN-1-114	027050	Feedwheel Type	4000*	17 790	1-1/4	31.8	0.029–0.044	0.74–1.12	Magnus	Painted & Waxed	3-7/8	98	18	8.2
PN-2-114	423500	Push Type	1600	7 120	3/4–1-1/4	19.0–31.8	0.020–0.044	0.51–1.12	Magnus	Painted & Waxed	Not applicable		8.1	3.7
WP-2	023070	Windlass Type	8000	35 590	2	50.8	0.044	1.12	Magnus	Painted & Waxed	7-1/8	181	23	10.4

\*Rated at 60 P.S.I.

All pneumatic tensioners are furnished with a quick-disconnect plug. It is essential that a filter-regulator-lubricator assembly (Part No. 173111) be installed ahead of the tool on the air line.

# Hand Tools

## Steel/Pneumatic sealers and combination tools

### Pneumatic sealers

Signode pneumatic sealers let compressed air do most of the work. They are used to achieve high production on heavy strapping and are particularly useful in applications where seals are in awkward positions.

They come in two basic styles. Pistol grip sealers are lightweight for easy, one-hand operation. Diaphragm type sealers are used in heavy-duty applications, such as carloading.

Pistol Grip  
NSP-1435  
RCNS2-34  
RCNS2-114



Large Diaphragm  
N-1444-50LSH  
NS-250-65L

Large Diaphragm  
N-1457-LSH-2A



### Pneumatic sealer specifications

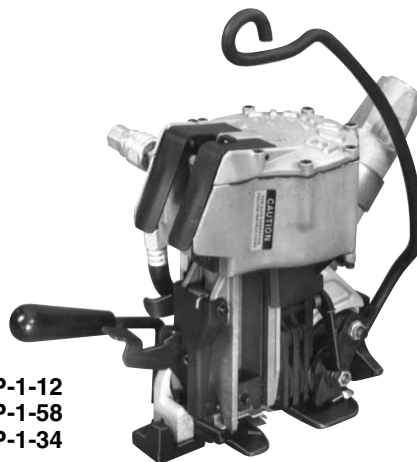
Model	Part Number	Description	Strap Size				Seals Used	Joint Type	Weight	
			Width		Thickness				lbs	kg
			inch	mm	inch	mm				
RCNS2-34	424200	Pistol Grip	3/4	19.0	0.025–0.031	0.64–0.79	34 HOC, 34 SHOC	Single Reverse Notch	9	4.1
RCNS2-114	424125	Pistol Grip	1-1/4	31.8	0.025–0.031	0.64–0.79	114 I, 114 OF, 114 P, 114 TO	Single Reverse Notch	9	4.1
NSP-1435	015600	Pistol Grip	1-1/4	31.8	0.031–0.035	0.79–0.89	107 DG, 107 DG-OF	Single Crimp	9	4.1
N-1444-50LSH	024271	Large Diaphragm	1-1/4	31.8	0.044–0.050	1.12–1.27	117 HDG-OF	Double Crimp	22	10.0
N-1457-LSH-2A	423810	Large Diaphragm	1-1/4	31.8	0.050–0.057	1.27–1.45	117 HDG-OF, 117 HDG-TO	Double Crimp	32	14.5
NS-250-65L	014360	Large Diaphragm	2	50.8	0.044–0.050	1.12–1.27	208 DG, 208 TO	Single Crimp	22	10.0

All pneumatic tensioners and sealers are furnished with a quick-disconnect plug. A filter and regulator are necessary. A lubricator in the air line is not required.

### Pneumatic seal-feed combination tools

Using applied air pressure as a power source, pneumatic seal-feed combination tools quickly and effortlessly tension, seal, and cut the strapping. These tools include the AHP and the AMP series models.

AMP-1-12  
AMP-1-58  
AMP-1-34



AHP-34  
AHP-2-114



### Pneumatic seal-feed combination tool specifications

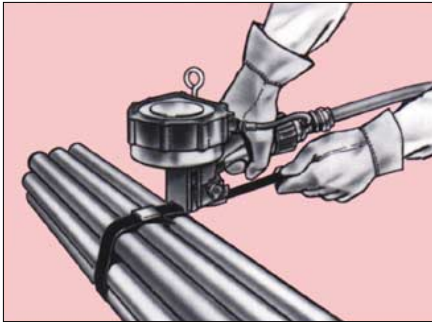
Model	Part Number	Description	Maximum Strap Tension		Strap Size				Strap Type	Seal Used	Joint Type	Base Length Under Strap		Weight	
			lbs	N	Width		Thickness					inch	mm	lbs	kg
					inch	mm	inch	mm							
AMP-1-12	024780	Seal-Feed	1200	5 340	1/2	12.7	0.020–0.023	0.51–0.58	Magnus	12 AMP	Double Notch	4-3/4	121	22	10.0
AMP-1-58	024770		1400	6 230	5/8	15.9	0.020–0.023	0.51–0.58	Apex Plus, Magnus	58/34 AMP	Double Notch	4-3/4	121	22	10.0
AMP-1-34	024760		1600	7 120	3/4	19.0	0.020–0.025	0.51–0.64	Apex Plus, Magnus	58/34 AMP	Double Notch	4-3/4	121	22	10.0
AHP-34	023700		3000	13 350	3/4	19.0	0.031	0.79	Magnus	34 MNT	Double Notch	6-3/4	171	40	18.1
AHP-2-114	015650		3000	13 350	1-1/4	31.8	0.025–0.029	0.64–0.74	Magnus	114 A	Double Reverse Notch	6-3/4	171	40	18.1

All pneumatic combination tools are furnished with a quick-disconnect plug. It is essential that a filter-regulator-lubricator assembly (Part No. 173111) be installed ahead of the tool on the air line.

## Steel/Pneumatic combination push-type and sealless tools

### Pneumatic push-type

Pneumatic push-type combination tools are used with push-type seals on irregular-shaped packages. Air power tensions, seals and cuts the strapping.



PRHM-34



PRHR-34  
PRHR-114



PNSC-2-12  
PNSC-2-58  
PNSC-2-34

### Pneumatic push-type combination tool specifications

Model	Part Number	Description	Maximum Strap Tension		Strap Size				Strap Type	Seal Used	Joint Type	Weight	
					Width		Thickness					lbs	kg
			lbs	N	inch	mm	inch	mm					
PNSC-2-12	422495	Push-Type	700	3 114	1/2	12.7	0.017-0.023	0.43-0.58	Apex Plus, Magnus	12 SPC	Single Reverse Notch	9.5	4.3
PNSC-2-58	422496		700	3 114	5/8	15.9	0.017-0.023	0.43-0.58	Apex Plus, Magnus	58 SPC			
PNSC-2-34	422497		700	3 114	3/4	19.0	0.017-0.025	0.43-0.64	Apex Plus, Magnus	34 PNSC			
PRHM-34	306700		1,600	7 120	3/4	19.0	0.025-0.031	0.64-0.79	Magnus	34 HOC	Double Reverse Notch	16	7.3
PRHR-34	424234		1,600	7 120	3/4	19.0	0.025-0.031	0.64-0.79	Magnus	34 HOC			
PRHR-114	423570		1,600	7 120	1-1/4	31.8	0.025-0.035	0.64-0.89	Magnus	114 P			

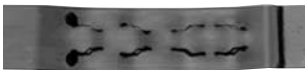
\*A quick-disconnect plug is furnished with each of the above tools. It is essential that a filter-regulator-lubricator assembly (Part No. 173111) be installed before the tool on the air line.

### Pneumatic sealless

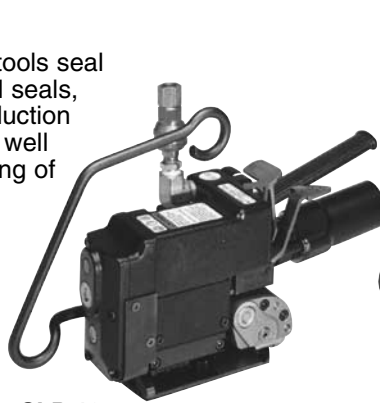
These sealless combination tools seal strapping without using metal seals, saving time and money. Production interruptions for reloading as well as purchasing and inventorying of seals are eliminated.



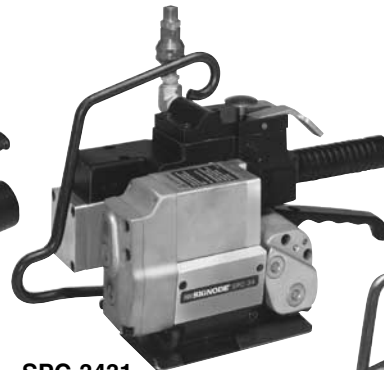
Three key sealless joint—SLP



Four key, reverse lock, sealless joint—SPC



SLP-12  
SLP-58  
SLP-34



SPC-3431



SPC-114

### Pneumatic sealless combination tool specifications

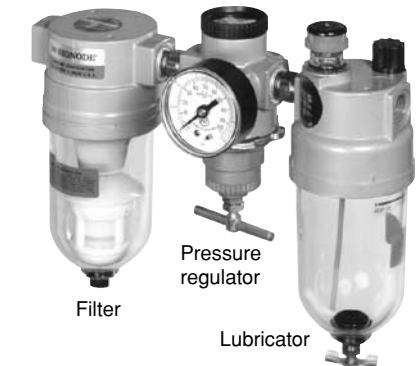
Model	Part Number	Description	Strap Tension		Sealless Joint Type	Strap Size				Strap Type	Base Length Under Strap		Weight	
						Width		Thickness			inch	mm	lbs	kg
			lbs	N		inch	mm	inch	mm					
SLP-12	422350	Sealless	900	4 003	3-key	1/2	12.7	0.017-0.023	0.43-0.58	Apex Plus, Magnus to 0.025	5	127	15	6.4
SLP-58	422355		1,200	5 340		5/8	15.9	0.017-0.023	0.43-0.58					
SLP-34	422360		1,200	5 340		3/4	19.0	0.017-0.025	0.43-0.64					
SPC-3431	422446		1,600	7 112	4-Key	3/4	19.0	0.025-0.031	0.64-0.79					
SPC-114	423125		3,200	14 080	4-Key	1-1/4	31.8	0.025-0.031	0.64-0.79	Magnus	7	178	37	16.8

## Steel/Pneumatic tool accessories

3610 W. Lake Avenue • Glenview, IL 60025  
1-800-323-2464

All new Signode pneumatic tools are supplied with a quick-disconnect plug. A filter and regulator are needed with all Signode pneumatic sealers. A filter-regulator-lubricator is needed with pneumatic tensioners and combination tools. These additional fittings and air hoses are available from Signode to provide efficient installation.

Filter-Regulator-Lubricator assembly  
(Part No. 173111)



Quick-disconnect socket 3/8" (9.5 mm) i.d. (Part No. 008569).  
Lubricator fitting for hose connection.

Quick-disconnect plug 1/4" (6.4 mm) i.d. (Part No. 008568).  
Hose fitting for lubricator connection.

Quick-disconnect socket 1/4" (6.4 mm) i.d. (Part No. 020706).  
Hose fitting for tool connection.

Quick-disconnect plug 1/4" (6.4 mm) i.d. (Part No. 020704).  
Tool fitting for hose connection.

Y-fitting (Part No. 008574) for operating two tools simultaneously.

Regulator mounting bracket (Part No. 071982)

Tool Type	Recommended Air Hoses for Pneumatic Tools					
	10' x 1/4" (3.0m x 6.4mm) I.D. (Part No. 008737)	10' x 3/8" (3.0m x 9.5mm) I.D. (Part No. 008558)				
Sealers	NSP-1435 RCNS2-34 RCNS2-114	N-1444-50LSH NS-250-65L				
Tensioners		FN-114T	HN-1-114	PN-2-114	WP-2	
Combination Tools	PNSC-2-12	AHP-34	AMP-1-12	PRHM-34	SLP-12	SPC-3431
	PNSC-2-58	AHP-2-114	AMP-1-58	PRHR-34	SLP-58	SPC-114
	PNSC-2-34		AMP-1-34	PRHR-114	SLP-34	

Note: Use light hydraulic oil in lubricator, such as Non-Fluid Oil No. LS-1236 or equivalent (Part No. 008556).

## Recommended air line piping

