

PRODUCT REFERENCE GUIDE

STANDARD AND CUSTOM ENGINEERED STRAPPING PRODUCTS



SMARTER
PACKAGING SOLUTIONS



Complete Strapping & Unitizing Solutions

Samuel Strapping Systems manufactures and supplies a broad range of steel and plastic strapping, standard and custom engineered unitizing equipment – from manual and pneumatic tools, semi and fully automatic strapping machines to large turnkey packaging and unitizing systems.

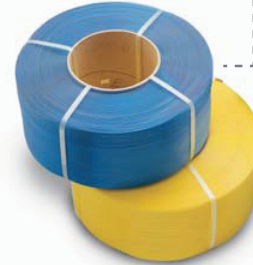
Samuel's comprehensive in-house research and engineering capabilities, with state-of-the-art CAD systems technology, offers customers complete packaging and unitizing solutions from a single source. Samuel's engineering expertise for example takes customers' unitizing requirements, from the initial concept, into advanced CAD design engineering, through to fabrication and installation.

Our products and systems can be found in virtually every industry and are supported by a comprehensive sales, customer service and distribution network.

Steel Strapping



Plastic Strapping



Hand Tools



Plastic Strapping Machines



Strapping Heads



Industrial Strapping Machines



Stretch Wrappers



Stretchwrap

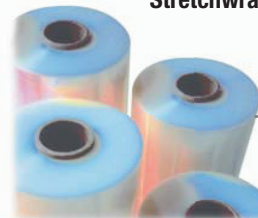
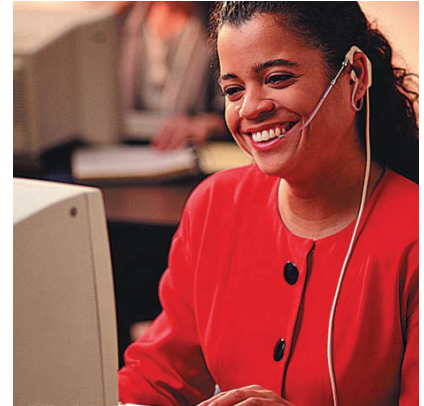


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The strapping systems and equipment presented in this catalogue have been tested and proven in the field, and carry our guarantee of quality in design, engineering and manufacturing.

Samuel Strapping Systems is one of the few companies in North America manufacturing both steel and plastic strapping. This capability gives us total control to provide you with prime quality and trouble-free strapping material.

Samuel Strapping sales representatives and service personnel are specialists in providing counsel and recommendations on industrial packaging materials and methods.

Steel Strapping

Samuel Steel Strapping is available in a wide range of sizes and gauges to accommodate your strapping requirements. Our edge conditioned strapping ensures a safe, rounded edge that is problem-free during application. Our High Tensile and Heavy Duty strapping conforms to Government, Railroad and ASTM specifications and is marked in accordance with the requirements of the Association of American Railroads (AAR).

Finishes

All finishes are treated with a hard wax coating – a special Samuel “hot dip” process. This lubrication allows the strapping to flow smoothly in automatic machines, tools and around corners of all products, skids, crates or cartons.

Painted

A hard baked-on gloss applied to both sides and edges helps the flow characteristics of the strapping.

Zinc

Commonly used for prolonged outside storage, this finish offers greater rust resistance than regular painted material.

Jumbo Coils

For high volume applications, certain strap sizes are available in jumbo coils, ranging in weight from 250-2000 lbs.(110-900 kg). Coil face ranges from 6” (152.4mm), 7¹/₂” (190.5mm), 8” (203.2mm) and 12” (304.8mm).

Packaging

Oscillated wound steel strapping coils are shrouded. Skids are normally shroud wrapped with corrugated for protection in transit.

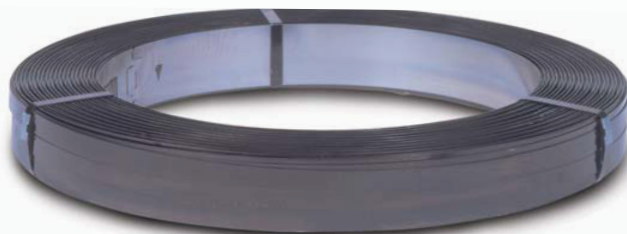


Packaging

Standard Winding	Coil Dimensions				Available in						
	Face in	Face (mm)	Inside Diam. in	Inside Diam. (mm)	Outside Diam. in	Outside Diam. (mm)	Approx. Weight lbs	Approx. Weight (kg)	Shroud Pack	Std. Skid Shipped lbs	Std. Skid Shipped (kg)
Oscillated	2 ⁷ / ₈	(73)	16	(406)	23	(584)	105	(47)	•	Approx. 1300	(585)
Ribbon	Width of Strap		16	(406)	27	(686)	60-110	(27-50)	Bare Coils	1680-2645	(760-1200)



Ribbon Wound Coil



Oscillated Wound Coil

Standard Duty

Product Code	Width		Thickness		Average Strength		Length/Weight		Average Coil Weight		Coil Winding			Strap Finish		
	in	(mm)	in	(mm)	lbs	(N)	ft/lbs	(m/kg)	lbs	(kg)	OSC	RIB	WAX	PTD	ZINC	
14037515	3/8	(10)	.015	(.38)	675	(3000)	52.4	(35.2)	100-105	(45-47)	•		•	•		
14037520	3/8	(10)	.020	(.51)	900	(4000)	39.3	(26.4)	100-105	(45-47)	•		•	•		
14050015	1/2	(13)	.015	(.38)	900	(4000)	39.3	(26.4)	100-105	(45-47)	•		•	•		
14050020	1/2	(13)	.020	(.51)	1200	(5340)	29.4	(19.8)	100-105	(45-47)	•		•	•		
14050023	1/2	(13)	.023	(.58)	1380	(6140)	25.6	(17.2)	100-105	(45-47)	•		•	•		
14062515	5/8	(16)	.015	(.38)	1125	(5000)	31.4	(21.1)	100-105	(45-47)	•		•	•		
14062520	5/8	(16)	.020	(.51)	1500	(6670)	23.6	(15.9)	100-105	(45-47)	•		•	•		
14062523	5/8	(16)	.023	(.58)	1725	(7670)	20.5	(13.8)	100-105	(45-47)	•		•	•		
14075015	3/4	(19)	.015	(.38)	1350	(6000)	26.2	(17.6)	100-105	(45-47)	•		•	•		
14075020	3/4	(19)	.020	(.51)	1800	(8000)	19.6	(13.2)	100-105	(45-47)	•		•	•		
14075023	3/4	(19)	.023	(.58)	2070	(9200)	17.1	(11.5)	100-105	(45-47)	•		•	•		

Ultra Ten

34050017	1/2	(13)	.017	(.43)	1140	(5070)	34.9	(10.6)	105	(47)	•		•	•	
34050020	1/2	(13)	.020	(.51)	1450	(6450)	29.4	(9.0)	105	(47)	•		•	•	•
34062517	5/8	(16)	.017	(.43)	1440	(6400)	28.3	(8.6)	105	(47)	•		•	•	
34062520	5/8	(16)	.020	(.51)	1815	(8075)	23.6	(7.2)	105	(47)	•		•	•	•
34075017	3/4	(19)	.017	(.43)	1725	(7675)	23.6	(7.2)	105	(47)	•		•	•	
34075020	3/4	(19)	.020	(.51)	2175	(9675)	19.6	(6.0)	105	(47)	•		•	•	
34075023	3/4	(19)	.023	(.58)	2500	(11120)	17.1	(11.5)	105	(47)	•		•	•	
34075025	3/4	(19)	.025	(.64)	2700	(12010)	15.7	(10.5)	105	(47)	•		•	•	

High Tensile

44050020	1/2	(13)	.020	(.51)	1500	(6670)	29.4	(19.8)	100-105	(45-47)	•		•	•	•
44050023	1/2	(13)	.023	(.58)	1725	(7670)	25.6	(17.2)	100-105	(45-47)	•		•	•	•
44062520	5/8	(16)	.020	(.51)	1875	(8340)	23.6	(15.9)	100-105	(45-47)	•		•	•	•
44062523	5/8	(16)	.023	(.58)	2150	(9560)	20.5	(13.8)	100-105	(45-47)	•		•	•	•
44075020	3/4	(19)	.020	(.51)	2250	(10000)	19.6	(13.2)	100-105	(45-47)	•		•	•	•
44075022	3/4	(19)	.022	(.55)	2600	(11565)	17.5	(11.7)	100-105	(45-47)	•		•	•	•
44075025	3/4	(19)	.025	(.64)	2800	(12450)	15.7	(10.5)	105	(47)	•	•	•	•	•
44075029	3/4	(19)	.029	(.74)	3350	(14900)	13.5	(9.0)	100-105	(45-47)	•	•	•	•	•
44075031	3/4	(19)	.031	(.79)	3500	(15560)	12.7	(8.5)	70	(32)	•	•	•	•	•
44075035RW	3/4	(19)	.035	(.89)	3900	(17350)	11.2	(7.5)	70	(32)	•	•	•	•	•
44100029RW	1	(25)	.029	(.74)	4400	(19570)	10.1	(7)	100-105	(45-47)	•		•	•	
44125025RW	1 1/4	(32)	.025	(.64)	4650	(20680)	9.4	(6.3)	110	(50)	•		•	•	•
44125031RW	1 1/4	(32)	.031	(.79)	5500	(24460)	7.6	(5.1)	110	(50)	•		•	•	•
44125029	1 1/4	(32)	.029	(.74)	5450	(24240)	8.1	(5.4)	110	(50)	•		•	•	•
44125035	1 1/4	(32)	.035	(.89)	5800	(25800)	6.72	(4.5)	110	(50)	•		•	•	•
44125044RW	1 1/4	(32)	.044	(1.12)	8350	(37140)	5.35	(3.6)	110	(50)	•		•	•	•
44200044RW	2	(51)	.044	(1.12)	12300	(54710)	3.34	(2.2)	110	(50)	•		•	•	•

For other strap sizes and gauges, please contact your Samuel sales representative.

Standard Duty

Manufactured to meet rigid quality specifications and close tolerances, Samuel Standard Duty strapping is ideal for all general applications and is available in a number of different finishes.

Ultra Ten

Samuel Ultra Ten Strapping is specifically developed to provide our customers with a high quality, cost effective alternative to high carbon high tensile AAR-33 strapping. Ultra Ten is not suitable for applications such as open-top car loading, and as such, has no AAR marking.

High Tensile

High Tensile strapping is manufactured for optimum results in every application. Cold rolled steel of a high carbon and manganese analysis is heat treated to ensure uniform tensile and elongation characteristics.

Custom Orders

Samuel Steel Strapping can be manufactured to meet your special requirements, whether it be cut-to-length strapping, stainless jumbo coils, or pre-punched strapping sizes. We also carry strapping like tight edge and stainless steel for specialized applications.

Polyester Strapping

Savings

Polyester's unique qualities make it one of the best strapping materials to use for securing any type of palletized or unitized load. Depending on the size of steel strapping currently being used, polyester strapping can provide up to a 25% savings in strapping costs. Polyester can eliminate the need for metal seals in certain applications, which provides additional savings and reduces product damage that might occur through the use of other packaging alternatives.

Proven Performance

Samuel Strapping Systems Research and Development efforts have led to the introduction of industrial strength polyester strapping, approved by the Association of American Railroads (AAR) for open top and closed rail car shipments of Brick, Lumber and other panel products.

Ease of Disposal

Polyester strapping can be easily disposed of by rolling or bending. Also, it can be cut into small pieces with our HLC-80 Strap Chopper and accumulated for recycling.

Elongation Recovery

Polyester strapping provides approximately 2% elongation at normal work tension, which allows the materials to stretch. The strapping will recover this elongation however, keeping the strapping tight around the package even if the load settles and shrinks in size.

Moisture & UV Resistant

Because it is plastic, it is moisture resistant and therefore unaffected by rusting that might occur with other packaging alternatives which may stain or affect the quality of your product before it gets to its destination. Our polyester strapping is also UV resistant to protect strapping from long periods of exposure to the sun.

For other strap sizes and gauges, please contact your Samuel sales representative.

Polyester Strapping

Product Code	Width		Gauge		Breaking Strength		Footage		Wax	Color	Weight	
	in	(mm)	in	(mm)	lbs	(N)	ft	(m)			lbs	(kg)
16" I.D. x 3" Face – 28 Coils Per Skid – 2 Coils/Box												
P1220SKB036J1	1/2	(12)	.020	(.51)	600	(2670)	3600	(1097)		Black	20	(9)
P1220SKT036J1	1/2	(12)	.020	(.51)	600	(2670)	3600	(1097)		T-Green	20	(9)
P1225SKB029J1	1/2	(12)	.025	(.64)	775	(3450)	2900	(884)		Black	20	(9)
P5825SKB023J1	5/8	(16)	.025	(.64)	900	(4003)	2300	(701)		Black	20	(9)
P5830SKT019J1	5/8	(16)	.035	(.76)	1100	(4895)	1900	(580)		T-Green	20	(9)
P5830SKB019J1	5/8	(16)	.030	(.76)	1100	(4895)	1900	(580)		Black	20	(9)
16" I.D. x 6" Face – 28 Coils Per Skid – Bulk Packed												
P3821SMT096H2	3/8	(10)	.020	(.51)	460	(2046)	9600	(2926)		T-Green	43	(20)
P1220SMT090H2	1/2	(12)	.020	(.51)	600	(2670)	9000	(2744)		T-Green	49	(22)
P1220WMT090H9	1/2	(12)	.020	(.51)	600	(2670)	9000	(2744)	•	T-Green	49	(22)
P1225SMT058H2	1/2	(12)	.025	(.64)	800	(3560)	5800	(1768)		T-Green	40	(18)
P1230WMT065H9	1/2	(12)	.030	(.76)	875	(3892)	6500	(1982)	•	T-Green	53	(24)
P5835SMA040H2	5/8	(16)	.035	(.89)	1400	(6225)	4000	(1220)		Green	50	(23)
16" I.D. x 6" Face – 28 Coils Per Skid – 1 Coil/Box												
P1220SMB072H3	1/2	(12)	.020	(.51)	600	(2670)	7200	(2195)		Black	39	(17.6)
P1225SMB058H3	1/2	(12)	.025	(.64)	775	(3450)	5800	(1770)		Black	40	(18)
P5825SMT044H3	5/8	(16)	.025	(.64)	900	(4005)	4400	(1340)		T-Green	39	(17.6)
P5825SMB046H3	5/8	(16)	.025	(.64)	900	(4005)	4600	(1400)		Black	41	(18.5)
16" I.D. x 6" Face – Embossed Polyester – 28 Coils Per Skid – Bulk Packed												
P3820EMT125H2	3/8	(10)	.020	(.51)	420	(1870)	12500	(3810)		T-Green	50	(22.5)
P1220EMT100H2	1/2	(12)	.020	(.51)	600	(2670)	10000	(3050)		T-Green	49	(22)
P1227EMT082H2	1/2	(12)	.027	(.68)	775	(3450)	8200	(2500)		T-Green	56	(25.5)
16" I.D. x 6" Face – Embossed Polyester – 28 Coils Per Skid – 1 Coil/Box												
P1223EMT082H3	1/2	(12)	.023	(.58)	615	(2735)	8200	(2500)		T-Green	48	(21.5)
16" I.D. x 6" Face – 28 Coils Per Skid – Bulk Packed												
P3819RMT137A2	3/8	(10)	.019	(.48)	425	(1890)	13750	(4190)		T-Green	56	(25.5)
P3821RMT125A2	3/8	(10)	.021	(.53)	450	(2000)	12500	(3810)		T-Green	55	(25)
P7619RMT115A2	7/16	(11)	.019	(.48)	500	(2225)	11500	(3506)		T-Green	56	(25.5)
P7620RMT105A2	7/16	(11)	.020	(.51)	500	(2225)	10500	(3201)		T-Green	53	(23.5)
P7623RMT099A2	7/16	(11)	.023	(.58)	600	(2670)	9900	(3020)		T-Green	56	(25.5)
P7624RMT090A2	7/16	(11)	.024	(.61)	650	(2891)	9000	(2744)		T-Green	56	(25.5)
P1228WMT065H9	1/2	(12)	.028	(.71)	800	(3560)	6500	(1982)	•	T-Green	50	(22.6)
16" I.D. x 6" Face – 28 Coils Per Skid – Bulk Packed												
P5830SMT038H2	5/8	(16)	.030	(.76)	1100	(4895)	3800	(1160)		T-Green	41	(18.5)
P5835WMA040H9	5/8	(16)	.035	(.89)	1400	(6225)	4000	(1219)	•	Green	50	(22.5)
P5835XMA040H9	5/8	(16)	.035	(.89)	1400	(6225)	4000	(1219)	•	Green-AAR	50	(22.5)
P5840SMA040H2	5/8	(16)	.040	(1.02)	1600	(7110)	4000	(1219)		Green	57	(26)
P5840XMA040H9	5/8	(16)	.040	(1.02)	1600	(7110)	4000	(1219)	•	Green-AAR	57	(26)
P5840BMA040H2	5/8	(16)	.040	(1.02)	1290	(5730)	4000	(1219)		Green-Brick	57	(26)
P5840CMA040H2	5/8	(16)	.040	(1.02)	1290	(5730)	4000	(1219)		Green-AAR	57	(26)
P3440TMA030H2	3/4	(19)	.040	(1.02)	1900	(8450)	3000	(914)		Green-AAR	52	(23.5)
P9940WMA017H9	11/4	(32)	.040	(1.02)	3100	(13790)	1700	(520)	•	Green	49	(22)
12" I.D. x 6" Face – 2 Coils Per Skid – Bulk Packed												
P5835TSA230H7	5/8	(16)	.035	(.89)	1400	(6225)	23000	(7010)		Green-AAR	284	(129)
P5840TSA200H7	5/8	(16)	.040	(1.02)	1600	(7110)	20000	(6096)		Green-AAR	282	(128)
P5840XSA200H7	5/8	(16)	.040	(1.02)	1600	(7110)	20000	(6096)	•	Green-AAR	282	(128)
P3440TSA175H7	3/4	(19)	.040	(1.02)	1900	(8450)	17500	(5334)		Green-AAR	284	(129)



Standard Large Bulk Coil Skid



Super Jumbo Polyester coils

Polypropylene Strapping

Product Code	Width	Color (Alt. colors)	Thickness	Breaking Strength		Footage		Weight	
	in (mm)		in (mm)	lbs	(N)	ft	(m)	lbs	(kg)
Hand Grade – 8" I.D. x 8" Face - 24 Coils Per Skid - 1 Coil/Box									
H1230EGB090C7	1/2 (12)	Black	.024 (.61)	300	(1,336)	9,000	(2,743)	22	(10.0)
H1260EGB072C7	1/2 (12)	Black	.031 (.78)	600	(2,225)	7,200	(2,196)	32	(14.5)
H5870EGB060C7	5/8 (16)	Black	.029 (.74)	700	(3,115)	6,000	(1,830)	31	(14.0)
Hand Grade – 16" I.D. x 3" Face - 28 Coils Per Skid - 2 Coils/Box									
H1230EKB045T9	1/2 (12)	Black	.021 (.53)	300	(1,336)	4,500	(1,372)	12	(5.4)
H1250EKB036B3	1/2 (12)	Black	.027 (.68)	500	(2,225)	3,600	(1,097)	13	(6.0)
H1260EKB034B3	1/2 (12)	Black	.031 (.78)	600	(2,670)	3,400	(1,036)	15	(6.8)
H5870EKB028T9	5/8 (16)	Black	.029 (.74)	700	(3,116)	2,800	(854)	16	(7.3)
Hand Grade – 16" I.D. x 6" Face - 28 Coils Per Skid - 1 Coil/Box									
H1230EMB090T7	1/2 (12)	Black	.024 (.61)	300	(1,336)	9,000	(2,743)	22	(10.0)
H1250EMB072T7	1/2 (12)	Black	.027 (.68)	500	(2,225)	7,200	(2,196)	24	(10.9)
H1260EMB072T7	1/2 (12)	Black	.031 (.78)	600	(2,670)	7,200	(2,196)	32	(14.5)
H5870EMB060T7	5/8 (16)	Black	.029 (.74)	700	(3,116)	6,000	(1,828)	31	(14.0)
Hand Grade – 16" I.D. x 6" Face - 12 Coils Per Skid - Bulk Pack									
H7640SMB105R2	7/16 (11)	Black	.021 (.53)	400	(1,780)	10,500	(4,572)	36	(16.3)
H7650SMB080R2	7/16 (11)	Black	.025 (.64)	500	(2,225)	8,000	(2,438)	33	(15.0)
H7660SMB070R2	7/16 (11)	Black	.030 (.78)	600	(2,670)	7,000	(2,103)	34	(15.5)
Machine Grade – 8" I.D. x 6" Face - 28 Coils Per Skid - 1 Coil/Box									
M1421ECC170T6	1/4 (6)	Clear	.023 (.58)	180	(800)	17,000	(5,182)	25	(11.3)
M3830EWW100T5	3/8 (10)	White (B, C)	.024 (.61)	300	(1,336)	10,000	(3,048)	20	(9.0)
M1230EWW090T5	1/2 (12)	White (B, C)	.024 (.61)	300	(1,336)	9,000	(2,743)	22	(10.0)
M1240EWW090T5	1/2 (12)	Black (Y)	.026 (.64)	410	(1,825)	8,900	(2,715)	25	(11.0)
M1250EWW082T5	1/2 (12)	White	.027 (.68)	500	(2,225)	8,200	(2,500)	28	(12.7)
Machine Grade – 8" I.D. x 8" Face - 24 Coils Per Skid - 1 Coil/Box									
M0513EDW240S8	— (5)	White	.017 (.43)	130	(580)	24,000	(7,315)	22	(10.0)
M0617EGW200T2	— (6)	White	.021 (.53)	175	(780)	20,000	(6,097)	26	(11.7)
M1421EGW170T2	1/4 (6)	White (Y)	.023 (.58)	210	(935)	17,000	(5,180)	25	(11.0)
M0718EGU180T2	— (6.5)	Blue	.027 (.68)	220	(980)	18,000	(5,485)	28	(12.7)
M0722EGU164T2	— (7)	Blue	.026 (.66)	220	(980)	16,400	(5,000)	26	(11.8)
M3830EGW129S9	3/8 (10)	White (B, C, Y)	.024 (.61)	300	(1,336)	12,900	(3,933)	25	(11.0)
M1230EGW099S9	1/2 (12)	White (B, C, Y)	.024 (.61)	300	(1,336)	9,900	(3,018)	24	(10.8)
M1260EGB072S9	1/2 (12)	Black (W, Y)	.031 (.78)	600	(2,670)	7,200	(2,196)	32	(16.3)
Machine Grade – 9" I.D. x 8" Face - 24 Coils Per Skid - 1 Coil/Box									
M0617EHY240T4	— (6)	Yellow (W)	.021 (.53)	170	(755)	24,000	(7,313)	31	(14.0)
M0620EHW200T4	— (6)	White	.022 (.55)	200	(890)	20,000	(6,700)	28	(12.7)
M0620EHY220T4	— (6)	Yellow	.022 (.55)	200	(890)	20,000	(6,700)	31	(14.0)
M0724EHY170T4	— (7)	Yellow	.023 (.58)	240	(1,067)	17,000	(5,182)	29	(13.1)
M1421EHY170T4	1/4 (6)	Yellow	.023 (.58)	175	(780)	17,000	(5,182)	25	(11.3)
M1421EHC170T4	1/4 (6)	Clear	.023 (.58)	210	(934)	17,000	(5,182)	25	(11.3)
M1421EHW170T4	1/4 (6)	White	.023 (.58)	210	(934)	17,000	(5,182)	25	(11.3)
M3826EHW129T3	3/8 (10)	White (C)	.024 (.61)	260	(1,115)	12,900	(3,933)	24	(10.8)
M3830EHW129T3	3/8 (10)	White (B, C, Y)	.024 (.61)	300	(1,336)	12,900	(3,933)	25	(11.0)
M1230EHW099T3	1/2 (12)	White (B, Y)	.024 (.61)	300	(1,336)	9,900	(3,018)	24	(10.8)
M1235EHB099T3	1/2 (12)	Black	.026 (.66)	410	(1,825)	9,900	(3,018)	28	(12.7)
M1241EHW099T3	1/2 (12)	White (C)	.026 (.64)	410	(1,825)	9,900	(3,018)	28	(12.7)
M1250EHB066T3	1/2 (12)	Black	.027 (.68)	500	(2,225)	6,600	(2,010)	23	(10.5)
Machine Grade – 16" I.D. x 6" Face - 28 Coils Per Skid - 1 Coil/Box									
M1240EMB089B8	1/2 (12)	Black	.026 (.66)	400	(1,780)	8,900	(2,715)	25	(11.0)
M1250EWW082B8	1/2 (12)	White (B)	.027 (.68)	500	(2,225)	8,200	(2,500)	28	(12.7)
M1250EWC066B8	1/2 (12)	Clear	.027 (.68)	500	(2,225)	6,600	(2,010)	22	(10.0)
M1250EMB072B6	1/2 (12)	Black	.027 (.68)	500	(2,225)	7,200	(2,196)	24	(10.8)
M1260EMB072B8	1/2 (12)	Black (C)	.031 (.78)	600	(2,670)	7,200	(2,196)	32	(14.5)
Machine Grade – 9" I.D. x 8" Face - 24 Coils Per Skid - 1 Coils/Box									
M0722EHU164G2	— (7)	Blue	.026 (.66)	220	(976)	16,400	(5,000)	26	(11.8)
Machine Grade – 8" I.D. x 8" Face - 24 Coils Per Skid - 1 Coil/Box									
M0513EDW240S8	— (5)	White	.017 (.43)	130	(578)	24,000	(7,313)	22	(10.0)
Machine Grade – 11" I.D. x 7 1/2" Face - 24 Coils Per Skid - 1 Coils/Box									
M1230EJW075S7	1/2 (12)	White	.024 (.61)	300	(1,336)	7,500	(2,286)	18	(8.0)
M1241EJW075S7	1/2 (12)	White (B)	.026 (.66)	410	(1,823)	7,500	(2,286)	21	(9.5)
M1418EJW131G3	1/4 (6)	White	.023 (.58)	180	(800)	13,120	(4,000)	18	(8.0)
Machine Grade – 8" I.D. x 8" Face - 24 Coils Per Skid - Bulk Pack									
M0512SDC260R5	(5)	Clear	.015 (.38)	120	(535)	26,000	(7,925)	28	(12.7)
M1420SDC167R5	1/4 (6)	Clear (Y)	.018 (.46)	200	(890)	16,750	(5,106)	28	(12.7)
M1420SDY180R5	1/4 (6)	Yellow	.016 (.41)	200	(890)	18,000	(5,485)	26	(11.7)
M1420SDC180R5	1/4 (6)	Clear	.016 (.41)	200	(890)	18,000	(5,485)	26	(11.7)
M3830SDB112R5	3/8 (10)	Black (C)	.019 (.48)	300	(1,336)	11,250	(3,430)	29	(13.1)
M7640SDB082R5	7/16 (11)	Black (C)	.021 (.53)	400	(1,780)	8,250	(2,515)	28	(12.7)
M7650SDB067R5	7/16 (11)	Black (C)	.025 (.64)	500	(2,225)	6,700	(2,042)	27	(12.0)
Machine Grade – 4" I.D. x 6" Face - 30 Coils Per Skid - Bulk Pack									
M1414SAC200R7	1/4 (6)	Clear (Y)	.014 (.38)	145	(645)	20,000	(6,097)	25	(11.3)
M1417SAC150R7	1/4 (6)	Clear (Y)	.018 (.46)	170	(755)	15,000	(4,573)	25	(11.3)
M7640SMB105R2	7/16 (11)	Black (C)	.021 (.53)	400	(1,780)	10,500	(3,201)	36	(16.3)
M7650SMB080R2	7/16 (11)	Black (C)	.025 (.64)	500	(2,225)	8,000	(2,439)	33	(15.0)
M7660SMB070R2	7/16 (11)	Black	.030 (.78)	600	(2,670)	7,000	(2,134)	34	(15.5)
Machine Grade – 16" I.D. x 6" Face - 24 Coils Per Skid - Bulk Pack									
M1260NMM072R6	1/2 (12)	White	.028 (.71)	600	(2,670)	7,200	(2,196)	29	(13.1)
M1271NMM072R6	1/2 (12)	White	.033 (.84)	700	(3,115)	7,200	(2,196)	33	(15.0)
Machine Grade – 16" I.D. x 6" Face - 28 Coils Per Skid - Bulk Pack									
M1250EMB082B6	1/2 (12)	Black (W)	.027 (.68)	500	(2,225)	8,200	(2,500)	28	(12.7)
M1260EMB072B6	1/2 (12)	Black (Y)	.031 (.79)	600	(2,670)	7,200	(2,196)	32	(14.5)
M1275EMB055B6	1/2 (12)	Black	.037 (.94)	750	(3,336)	5,575	(1,700)	33	(15.0)

Polypropylene Strapping

Polypropylene strapping is the most economical of all strapping material due to its light weight and versatility. It is available in a wide variety of sizes and gauges and offers the greatest elongation of any strapping type, along with good initial recovery characteristics. Samuel polypropylene can be heat sealed with a joint efficiency of 70 to 80%.

By nature, polypropylene strapping is very flexible and simplifies the job of strapping by its ability to mold to contours of odd-shaped or irregular shaped packages.

For other strap sizes and gauges, please contact your Samuel sales representative.



Product Color Code

B – Black
U – Blue
Y – Yellow
T – Translucent Green
W – White
C – Clear
A – Opaque Green

Steel Strapping Seals

Open

Fast and easy to use, open seals can be placed over the strap before or after tensioning.



Push-Type

The strap is pre-threaded through the seal prior to tensioning. The overlapping flange feature provides the required strength as the tensioner pushes against the edge of the seal.



Thread-On

Also referred to as closed seals, the strap is pre-threaded through the seal prior to tensioning.



Open-Flange

Used for heavy duty or high tensile, the open flange allows placement over the strap, before or after tensioning.



Magazine-Feed

These securely stacked seals are easily loaded into combination strapping tools or power strapping machines.



Standard Duty

Strap Size	Seal No.	Seal Type	Std. Pack	Seal Length	Wt. Per Pack	Sealer/Tensioner
in (mm)				in (mm)	lbs (kg)	
3/8 (10)	38-O	Open	2000*	1 (25.4)	9 (4.1)	SA-38-O
	38-P	Push	2000*	1 (25.4)	16 (7.3)	S-38-P, CR-25-A, A431
	38-M	Magazine	5000	1 (25.4)	25 (11.3)	S Series, Auto M/C
	38-KL	Magazine	7000	7/8 (22.2)	22 (10.0)	S Series
1/2 (13)	12-O	Open	2000*	1 (25.4)	12 (5.4)	SA-12-O
	12-P	Push	2000*	1 (25.4)	22 (10.0)	S-12-P, CR-25-A, A431
	12-SP	Push	2000	7/8 (22.2)	18 (8.2)	S-12-P, S-4-P, A480
	12-M	Magazine	5000	1 (25.4)	29 (13.2)	S Series
	12-KL	Magazine	10500	7/8 (22.2)	36 (16.0)	S Series
	12-AMPS	Magazine	7000	11/8 (28.6)	44 (20.0)	S Series
5/8 (16)	58-O	Open	2000*	1 (25.4)	14 (6.4)	SA-58-O
	58-P	Push	2000	1 (25.4)	23 (10.4)	S-58-P, CR-25-A, A480, A431
	58-M	Magazine	5000	1 (25.4)	36 (16.3)	B-145, B-245, S Series
	58-KP	Magazine	6000	11/8 (28.6)	49 (22.0)	S Series
3/4 (19)	34-O	Open	2000*	1 (25.4)	16 (7.3)	SA-34-O
	34-OL	Open	5000/2000	11/4 (31.8)	53/23 (24.0)/(10.4)	SA-34-O
	34-P	Push	2000	1 (25.4)	27 (12.2)	S-34-P, CR-25-A, A431
	34-PNSC	Push	2000	1 (25.4)	28 (12.7)	S-34-P, CR-25-A, A480
	34-M	Magazine	5000	1 (25.4)	36 (16.3)	S Series
	34-KP	Magazine	5000	11/8 (28.6)	47 (21.0)	S Series

* 5000/bx available. Quantities Subject To Change

Heavy Duty

Strap Size	Seal No. Can.	Seal Type	Std. Pack	Seal Length	Wt. Per Pack	Recommended Tools	Type of Joint
in (mm)				in (mm)	lbs (kg)		Notch Crimp
3/4 (19)	34-HOF	Open-Flange	2000	125/32 (45.2)	45 (20.4)	SA 11-D6, S34-N	•
	34-HC	Thread On	2000	125/32 (45.2)	49 (22.2)	SA 11-D6, S-34-SN, PS6-SNR	•
	34-HP	Push	2000	125/32 (45.2)	74 (33.6)	PS6-SNR, SA 11-D6, S-34-SN, A461, A482-6, CR24A	•
	34-HM	Magazine	2000	11/2 (38.1)	42 (19.1)	S Series	
11/4 (32)	114-HOF	Open-Flange	1000	23/16 (56.0)	45 (20.4)	SA 11-D10, S-10-SN	•
	114-HC	Thread on	1000	23/16 (56.0)	44 (20.0)	S-10-SNR, SA 11-D10, S-10-SN, PS-10-SNR, PS-10-DC	•
	114-HP	Push	1000	23/16 (56.0)	70 (31.7)	S-10-SNR, SA 11-D10, S-10-SN, PS-10-SNR, C-2510, PS-10-DC, A483, A461	•
	114-HM	Magazine	2000	11/2 (57.0)	64 (29.0)	S-10-SNM	•
2" (51)	114-HT36L MAXLOK	Thread on	300	43/4 (120.6)	30 (13.6)	S-10-SFC	•
	114-HT46 MAXLOK	Thread on	500	3 (76.2)	43 (19.5)	S-10-SFC, PS-1050-DFC	•
	114-HOF47 MAXLOK	Open-Flange	500	3 (76.2)	45 (20.4)	S-10-SFC, PS-1050-DFC	•
	114-HT56 MAXLOK	Thread on	500	3 (76.2)	57 (25.9)	PS-1057-DFC	•
	200-HMC	Thread on	500	3 (76.2)	64 (29.0)	S16-SN, S16-SNR	•
	200-HTL	Thread on	250	3 (76.2)	50 (23.0)	S16-SN, S16-SNR,	•
	200-HT MAXLOK	Thread on	500	3 (76.2)	100 (45.4)	S16-SFC, PSFC-S16	•
	200-HTL MAXLOK	Thread on	300	41/2 (114.3)	80 (36.3)	S16-SFC, PSFC-S16	•

Seals for Plastic Strapping

Strap Size	Seal No.	Seal Type	Std. Pack	Seal Length		Wt. Per Pack		Recommended Tools
				in	(mm)	lbs	(kg)	
3/8 (10)	3-0	Open	1000	1 1/4	(32)	15	(6.8)	S-3
						7.5	(3.4)	
	4-0	Open	1000	1 1/4	(32)	20	(9.1)	S-4, S-4-HD
	40	Open	1000	1 1/4	(32)	–	–	C15A4
						10	(4.6)	
1/2 (13)	4-M	Thread-On	1000	1 1/4	(32)	15	(6.8)	P403-4, S-4-HS, T500
	CMP464	Magazine	1300	1 1/4	(32)	13	(6.8)	MC4-DK, MC-4-031
						17	(7.8)	
	4-C	Closed	1000	1 1/4	(32)	11	(5.0)	S-4, S-4-HD, C15B4
5/8 (16)	5-0	Open	1000	1 1/4	(32)	22	(10.0)	S-5, S-5-HD
						11	(5.0)	
	5-M	Thread-On	1000	1 1/4	(32)	21	(9.5)	P404-5, S-5-HS, S-5-HSP
	CMP564	Magazine	2500	1 1/4	(32)	46 ^{3/4}	(21.3)	MC5-DK, MC-5-025
	5-C	Closed	1000	1 1/4	(32)	15	(6.8)	S-5, S-5-HD
3/4 (19)	CCP451/481	Magazine	2000	1 1/4	(32)	20	(9.1)	MC-4-025
	6-0	Open	1000	1 1/4	(32)	13	(6.0)	S-6, S-6-HD

Not approved by the AAR

Plastic Strapping Seals

Wire Buckle



Plastic Buckle



Metal Seal



Heat Seal



Friction Weld



Polyester Cord Strapping

Type	Size		Strength		Coil Size I.D.xWxO.D.		Coil Length	
	in	(mm)	lbs	(kg)	in	(mm)	ft	(m)
Q Strap Light Duty								
QS20	1/4	(6)	350	(159)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	7800	(2380)
QS30	3/8	(10)	475	(215)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	5250	(1600)
QS40	1/2	(13)	680	(308)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	3900	(1190)
QS50	5/8	(16)	792	(359)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	3000	(915)
QS60	3/4	(19)	950	(431)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	2100	(640)
Weatherguard Heavy Duty								
20WG	1/4	(6)	540	(245)	3 x 5 1/2 x 13	(76.2 x 139.7 x 330.2)	8250	(2560)
30WG	3/8	(10)	780	(355)	3 x 5 1/2 x 13	(76.2 x 139.7 x 330.2)	5000	(1520)
40WG	1/2	(13)	1050	(475)	3 x 5 1/2 x 13	(76.2 x 139.7 x 330.2)	4160	(1270)
50WG	5/8	(16)	1310	(595)	3 x 5 1/2 x 13	(76.2 x 139.7 x 330.2)	3300	(1010)
60WG	3/4	(19)	1585	(720)	3 x 5 1/2 x 13	(76.2 x 139.7 x 330.2)	2500	(760)
Weatherguard Extra Heavy Duty								
45WG	1/2	(13)	1360	(620)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	3300	(1010)
55WG	5/8	(16)	1650	(750)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	2500	(760)
65WG	3/4	(19)	1830	(830)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	1665	(500)
32mm Wide Weatherguard								
105WG	1 1/4	(32)	3285	(1490)	3 1/2 x 1 1/4 x 18	(88.9 x 32 x 457.2)	660	(200)
Woven								
W020	1/4	(6)	350	(160)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	7800	(2380)
W030	3/8	(9)	475	(215)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	5250	(1600)
W040	1/2	(13)	680	(310)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	3900	(1190)
W050	5/8	(16)	792	(360)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	3000	(915)
W060	3/4	(19)	950	(430)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	2100	(640)
Woven Wide Extra Heavy Duty								
105WOJ	1 1/4	(32)	3285	(1495)	3 1/2 x 1 1/4 x 18	(88.9 x 32 x 457.2)	525	(160)
125WOJ	1 1/2	(38)	5400	(2455)	3 x 1 1/2 x 19	(76.2 x 38.1 x 482.6)	480	(147)
Weatherguard Extra Heavy Duty Woven								
65W0	3/4	(19)	1830	(630)	3 x 5 1/2 x 12	(76.2 x 139.7 x 304.8)	1665	(500)

Plastic Buckles – Regular Duty

Type	Size	
	in	(mm)
PL-4	1/4-1/2	(6-13)
PJ-5	3/8-1/2	(10-13)
PL-5	5/8	(16)

Polyester Cord Strapping

Custom printed Cord strap available on request. Standard color white: optional colors, blue, green, yellow, rust, black.

Wire Buckles – Heavy Duty

Type	Size	
	in	(mm)
WL-4-HD	3/8-1/2	(10-13)
WL-5-HD	5/8-3/4	(16-19)
CB10A	1 1/4	(32)

Wire Buckles – Regular Duty

Type	Size	
	in	(mm)
WL-4	1/4-1/2	(6-13)
WL-5	5/8	(16)
WL-6	3/4	(19)

Steel Strapping Tensioners

Feedwheel Tensioners

For general use on flat surfaces, feedwheel tensioners feature fast and easy operation. With unlimited take-up, the strapping is pulled through the tool until the desired tension is obtained.

Push-Type Tensioners

These tools are for use on small or irregular shaped surfaces. Using push-type seals, the tensioner pushes against the seal without any part of the tool coming between the strap and the package.

Windlass Tensioners

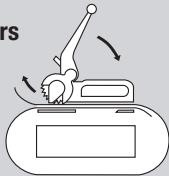
These tools are used for heavy tensioning applications such as rail car or truck loading. The strap passes through the slotted windlass drum for positive heavy tension.

Pneumatic Tensioners

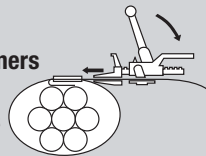
With speed and ease of operation, these tools feature reversing or non-reversing motors with unlimited feedwheel take-up. The pusher type is for use on irregular-shaped surfaces.

The feedwheel type is ideal for flat surfaces of all sizes. It is available in two tension ranges and has an optional cutter attachment.

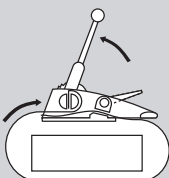
Feedwheel tensioners with unlimited take-up



Push-type tensioners for irregular shaped packages



Windlass tensioner for heavy duty use



Manual Steel Strapping Tensioners

Model	Strap Size		Weight		Description
	in	(mm)	lbs	(kg)	
T-34-F	1/2 - 3/4 x .028	(13-19 x .71)	4.4	(2.0)	Feedwheel – Medium to Heavy Tension
A-301	1 1/4 x .029-.044	(32 x .74-1.12)	7.1	(3.2)	Feedwheel – Heavy Duty
A-402	1 1/4 x .029-.044	(32 x .74-1.12)	8.8	(4.0)	Feedwheel – Push Type Heavy Duty
T-4-P	3/8 - 3/4 x .023	(10-19 x .58)	2.0	(0.9)	Push Type – For Light Tension
T-34-P	3/8 - 3/4 x .025	(10-19 x .64)	5.1	(2.3)	Push Type – Medium Duty
T-114-P	3/4 - 1 1/4 x .035	(19-32 x .89)	5.3	(2.4)	Push Type – Heavy Duty
T-10-HP	3/4 - 1 1/4 x .050	(19-32 x 1.27)	7.3	(3.3)	Drum (Windlass) Type – Heavy Duty
T-114-W	3/4 - 1 1/4 x .050	(19-32 x 1.27)	11.0	(5.0)	
SNT	2 x .044-.050	(51 x 1.12-1.27)	12.0	(5.4)	



Pneumatic Steel Strapping Tensioners

Model	Strap Size		Weight		Description
	in	(mm)	lbs	(kg)	
A452-6/10	3/4 - 1 1/4 x .025-.050	(19-32 x .64-1.27)	9.6	(4.4)	Pneumatic Pusher Type – For curved or irregular shaped packages. Heavy Duty.
PT-1035-F	3/4 - 1 1/4 x .029-.035	(19-32 x .74-.89)	19.8	(9.0)	Pneumatic Feedwheel. Heavy Duty
PT-1065-F	1 1/4 x .029-.065	(32 x .74-1.65)	19.8	(9.0)	
PT-16-W	2 x .044-.065	(51 x 1.12-1.65)	19.8	(9.0)	Drum Type – High Tension



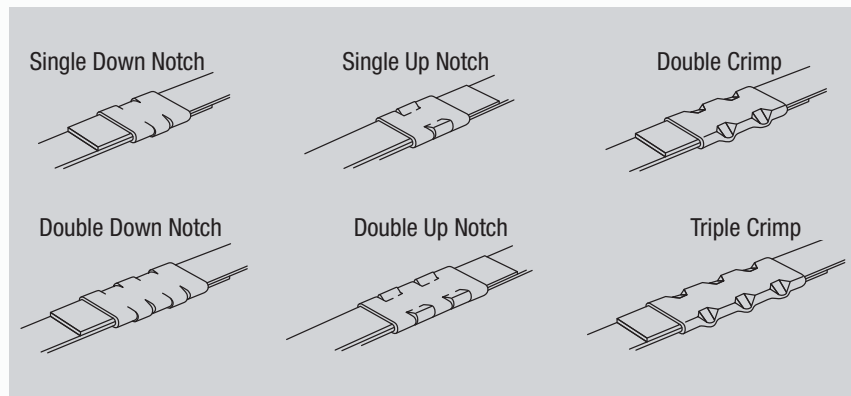
Steel Strapping Sealers

Manual Steel Strapping Sealers

Model	Strap Size		Weight		Description
	in	(mm)	lbs	(kg)	
SA-12-0	1/2 x .015-.023	(13 x .38-.58)	2.2	(1.0)	Single Up-Notch Front Action
SA-58-0	5/8 x .015-.023	(16 x .38-.58)	2.2	(1.0)	
SA-34-0	3/4 x .015-.023	(19 x .38-.58)	2.2	(1.0)	
S-38-P	3/8 x .015-.020	(10 x .38-.51)	2.2	(1.0)	
S-12-P	1/2 x .015-.023	(13 x .38-.58)	2.2	(1.0)	
S-58-P	5/8 x .015-.023	(16 x .38-.58)	2.2	(1.0)	
S-38-0	3/8 x .015-.020	(10 x .38-.51)	2.2	(1.0)	Double Down-Notch Side Action
S-34-P	3/4 x .015-.023	(19 x .38-.58)	2.2	(1.0)	
S-3-OS	3/8 x .015-.020	(10 x .38-.51)	2.2	(1.0)	
S-4-OS	1/2 x .015-.023	(13 x .38-.58)	2.2	(1.0)	
S-5-OS	5/8 x .015-.023	(16 x .38-.58)	2.2	(1.0)	
S-6-OS	3/4 x .015-.025	(19 x .38-.64)	2.2	(1.0)	
S-34-SNR	3/4 x .025-.035	(19 x .64-.89)	5.5	(2.5)	Single Up-Notch
S-114-SNR	1 1/4 x .031-.035	(32 x .79-.89)	4.4	(2.0)	Single Down-Notch
S-34-SN	3/4 x .025-.035	(19 x .64-.89)	5.5	(2.5)	
S-114-SNM	1 1/4 x .044-.050	(32 x 1.12-1.27)	13.2	(6.0)	Double Up-Notch
SA11-D6	3/4 x .028-.035	(19 x .71-.89)	6.6	(3.0)	
SA11-D10	1 1/4 x .025-.035	(32 x .64-.89)	6.6	(3.0)	Single Friction Crimp
S10-SFC	1 1/4 x .044-.050	(32 x 1.12-1.27)	11.0	(5.0)	
S16-SFC	2 x .044-.050	(51 x 1.12-1.27)	15.4	(7.0)	

Pneumatic Steel Strapping Sealers

Model	Strap Size		Weight		Description
	in	(mm)	lbs	(kg)	
PS16-SNF	2 x .044-.050	(51 x 1.12-1.27)	7.3	(3.3)	Pneumatic Single Up-Notch
A461-34	3/4 x .020-.035	(19 x .51-.89)	9.3	(4.2)	Pneumatic Double Up-Notch
A461-114	1 1/4 x .029-.035	(32 x .74-.89)	9.3	(4.2)	Pneumatic Double Friction Crimp
PS1050-DFC	1 1/4 x .029-.050	(32 x .74-1.27)	30.9	(14.0)	
PS1057-DFC	1 1/4 x .029-.057	(32 x .74-1.45)	30.9	(14.0)	



Standard Duty Sealers

Double notch down-cut sealers yield high joint efficiency. They are usually used with feedwheel type tensioners on regular shaped packages.

Single notch up-cut sealers are ideal for use on irregular-shaped packages. They are usually used with push-type tensioners.



Heavy Duty Sealers

Ruggedly built for trouble-free service with Heavy Duty or High Tensile strapping.

Up notch sealers are usually used with push or thread-on type seals. Down notch sealers can be used with most seal types except crimp. Crimp sealers are always used with special crimp type seals.



Seal and Sealless Steel Strapping Combination Tools

Our Sealless Systems enable you to perform tensioning, sealing and cutting in one simple operation, without the need for separate tools. By eliminating metal seals, our Sealless Systems provide significant savings on your overall strapping costs and increase your operating productivity. These systems are reliable, with proven track records in all types of applications. The Sealless System has been approved by the Association of American Railroads (AAR) and meets or exceeds Government specifications.

Manual Tools

These lightweight, versatile performers can be operated with ease and maximum efficiency in any position, with two handle control of tensioning, sealing and cut off.



Pneumatic/Manual Tools

These pneumatic tensioning, manual sealing combination tools are lightweight. The primary benefit of this Sealless tool is that no suspension is required, allowing a larger work area to be covered.



Pneumatic Tools

For rapid and reliable strapping applications, our pneumatic tools are usually suspended for convenient use and are often installed with a semi-automatic strapfeeder. Two buttons control the entire operation of tensioning, sealing and cut-off.



Manual Steel Strapping Combination Tools – Seal Type

Model	Strap Size		Weight		Description
	in	(mm)	lbs	(kg)	
A431-3	3/8 x .015-.020	(10 x .38-.51)	7.5	(3.4)	Manual Pusher Type for Round Packages, and Irregular Shapes
A431-4	1/2 x .015-.023	(13 x .38-.58)	7.5	(3.4)	
A431-5	5/8 x .015-.023	(16 x .38-.58)	7.5	(3.4)	
A431-6	3/4 x .015-.023	(19 x .38-.58)	7.5	(3.4)	

Pneumatic Steel Strapping Combination Tools – Seal Type

A480-3	3/8 x .015-.020	(10 x .38-.51)	9.3	(4.2)	Pneumatic Pusher Type for Round Packages, and Irregular Shapes
A480-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	9.3	(4.2)	
A480-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	9.3	(4.2)	
A480-6	3/4 x .020-.025 H.T.	(19 x .51-.64)	9.3	(4.2)	
A482-6	3/4 x .031 H.T.	(19 x .79)	14.3	(6.5)	
A483-10	1 1/4 x .029-.035 H.T.	(32 x .74-.89)	41.9	(19.0)	

Manual Steel Strapping Combination Tools – Sealless Type

A332-3	3/8 x .015-.020 S.D.	(10 x .38-.51)	7.5	(3.4)	Manual Sealless Operation for Standard Duty Steel Strapping
A335-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	8.6	(3.9)	Manual Sealless Operation for High Tensile Steel Strapping
A335-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	8.6	(3.9)	
A335-6	3/4 x .020-.023 H.T.	(19 x .51-.58)	8.6	(3.9)	
A337-3	3/8 x .015-.020 S.D.	(10 x .38-.51)	9.8	(4.4)	Manual Sealless Operation for High Tensile Steel Strapping
A337-4	1/2 x .015-.025 H.T.	(12.7 x .38-.63)	9.8	(4.4)	
A337-5	5/8 x .015-.025 H.T.	(16 x .38-.63)	9.8	(4.4)	
A337-6	3/4 x .015-.025 H.T.	(19 x .38-.63)	9.8	(4.4)	
A338-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	12.1	(5.5)	Manual Sealless Operation for High Tensile Strapping
A338-TW-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	13.0	(5.9)	
A338-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	12.1	(5.5)	TW: Torque Wrench Tension Lever
A338-TW-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	13.0	(5.9)	
A338-6	3/4 x .020-.025 H.T.	(19 x .51-.64)	12.1	(5.5)	
A338-TW-6	3/4 x .020-.025 H.T.	(19 x .51-.64)	13.0	(5.9)	
A334-6	3/4 x .020-.031 H.T.	(19 x .51-.79)	16.3	(7.4)	Manual Sealless Operation for High Tensile Strapping

Semi-Pneumatic Steel Strapping Combination Tools – Sealless Type

A391-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	11.2	(5.1)	Pneumatic Tensioning and Manual Sealing for High Tensile Steel Strapping
A391-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	11.2	(5.1)	
A391-6	3/4 x .020-.023 H.T.	(19 x .51-.58)	11.2	(5.1)	

Pneumatic Steel Strapping Combination Tools – Sealless Type

A3H-3	3/8 x .015-.020 S.D.	(10 x .38-.51)	19.6	(8.9)	Pneumatic Sealless Operation for Standard Duty Steel Strapping
A3H-4	1/2 x .015-.023 S.D.	(13 x .38-.58)	19.6	(8.9)	
A3H-5	5/8 x .015-.023 S.D.	(16 x .38-.58)	19.6	(8.9)	
A3H-6	3/4 x .015-.023 S.D.	(19 x .38-.58)	19.6	(8.9)	
A385-3	3/8 x .015-.020 S.D.	(10 x .38-.51)	23.1	(10.5)	Pneumatic Sealless Operation for High Tensile Steel Strapping
A385-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	23.1	(10.5)	
A385-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	23.1	(10.5)	
A385-6	3/4 x .020-.025 H.T.	(19 x .51-.64)	23.1	(10.5)	
A380-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	38.4	(17.4)	Pneumatic Sealless Operation for High Tensile Steel Strapping Heavy Duty
A380-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	38.4	(17.4)	
A380-625	3/4 x .020-.025 H.T.	(19 x .51-.64)	38.4	(17.4)	
A380-631	3/4 x .020-.031 H.T.	(19 x .51-.79)	38.4	(17.4)	
A383-10	1 1/4 x .029-.035 H.T.	(32 x .74-.89)	51.0	(23.1)	

Plastic Strapping Tools

Powered Plastic Strapping Combination Tools

Model	Strap Type	Strap Size		Weight		Description
		in	(mm)	lbs	(kg)	
P326	Polyester or Polypropylene	3/8 x .016 - .041 to 5/8 x .016 - .041	(10 x .40-1.05) (16 x .40-1.05)	8.5	(3.95)	3.0 Ah Li-Ion battery
P327	Polyester or Polypropylene	5/8 x .025 - .041 to 3/4 x .016 - .041	(16 x .65-1.05) (19 x .40-1.05)	9	(4.1)	3.0 Ah Li-Ion battery
P330	Polyester or Polypropylene	3/4 x .031 - .060 to 1 x .016 - .053	(19 x .80-1.53) (25 x .40-1.35)	12.6	(5.7)	3.0 Ah Li-Ion battery
P350	Polyester or Polypropylene	1/2 x .031 to 1 1/4 x .044	(13 x .79) (32 x 1.12)	28.7	(13)	Pneumatic tension and friction sealing
P355	Polyester or Polypropylene	3/8 x .016 to 5/8 x .041	(10 x .4) (16 x 1.04)	10	(4.75)	Pneumatic tension and friction sealing
P356	Polyester	5/8 x .026 to 3/4 x .053	(16 x .65) (19 x 1.35)	11.9	(5.4)	Pneumatic tension and friction sealing

* When ordering battery charger, refer to model number P320.



P326/P327



P330



P350



P356

Manual Plastic Strapping Combination Tools

Model	Seal		Strap Size	Weight		Description
	Can.	U.S.		in (mm)	lbs (kg)	
P403	4-403-TC	4-M	1/2 (13)	7.5 (3.4)	Manual drum type combination tensioning and sealing tool	
P404	5-404-TC	5-M	5/8 (16)	8.4 (3.8)		

Polyester Cord Strapping Tensioners

Model	Description
T6-C	Manual drum-type tensioner with shear for 3/8 - 3/4" (10mm-19mm) strapping
CET40	Manual drum-type tensioner with shear for 1 1/4 - 1 1/2" (32mm-38mm) strapping
CUP60	Manual push-type tensioner for 3/8 - 3/4" (10mm-19mm) strapping
CET19	Economy Tool
CAT19	Medium duty pneumatic tensioner to 3/4" (19mm)
CAT32	Heavy Duty pneumatic tensioners to 1 1/4" (32mm)

Manual Plastic Strapping Tensioners

Model	Weight		Description
	lbs	(kg)	
T4	1.1	(0.5)	Push-type for 3/8 - 3/4" (10mm-19mm) plastic strapping. Curved surfaces.
T6	4.4	(2.0)	Drum-type for 3/8 - 3/4" (10mm-19mm) plastic strapping. Flat surfaces.
SSP-320-T	3.5	(1.6)	For 3/4" (19mm) plastic strapping.
SSPP-360-T	1.1	(0.5)	For up to 5/8" (16mm) polypropylene strapping.
SSPET-370-T	6.6	(3.0)	For up to 1 1/4" (32mm) polyester strapping.

Manual Plastic Strapping Sealers

Model	Weight		Description
	lbs	(kg)	
SSPET-330-S	4.4	(2.0)	For 5/8" (16mm) polyester strapping.
SSPET-331-S	4.4	(2.0)	For 1/2" (13mm) polyester strapping.
SSP-380-S	7.1	(3.2)	For 3/4" (19mm) plastic strapping.



P403/404



T4

Dispensers

100-5 Dispenser for Steel and Plastic Strapping

- Mobile dispenser. Complete with large tool and seal tray, 10" wheels, automatic brake, strap payoff on the side
- Can be used with oscillated wound steel and plastic strapping with 16" x 6" or 16" x 3" put up

100-567-T Dispenser for Steel and Plastic Strapping

- Portable dispenser for standard oscillated wound coils up to 3/4" wide
- Complete with strap guide and tool tray
- Heavy duty troller brake

100-567-HD Extra-Rugged Dispenser for Steel Strapping

- For standard coils of steel strapping
- Reinforced tool tray supports
- Hand truck style for maneuverability
- Heavy duty troller brake and wheels for demanding environments

**Tools not included*

NM-7 Dispenser for Plastic Strapping

- Rugged tubular steel frame with tool tray, seal storage compartment and 6" rubber tires
- Heavy gauge spun steel discs with positive coil braking device
- For plastic strapping coils with 8" face width and 8" inside diameter

100-8 Heavy Duty Floor Model

- Off feeds from outside diameter
- Suitable for Ribbon Wound strapping from 3/4" to 2"
- HD Bearing for smooth action

200-RW Ribbon Wound Steel Strapping Dispenser

- Heavy gauge welded steel frame with rugged rollers for smooth coil payoff and longer life.
- Manually adjustable for strap sizes of 3/4" (19mm), 1 1/4" (32mm) or 2" (52mm)
- Strap payoff is to the side

**Tools not included *kit required*

100-7-G Horizontal Dispenser for Oscillated Wound Steel Strapping

- Made of heavy gauge steel the spun bucket is bearing-mounted for easy strap payoff
- Strap payoff is from the inside of the coil

200-22 Dual Ribbon Wound Coil Dispenser

- Holds two ribbon wound coils of either 3/4" (19mm), 1 1/4" (32mm) or 2" (52mm) strap
- Has foot-operated shear to cut two straps per stroke



100-567



100-567-T



*100-567-HD



NM-7



100-8



200-RW



100-7-G



200-22

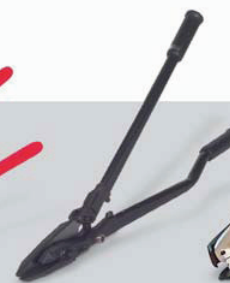
Cutters



CLDS
Light duty,
for strapping up to
3/4" x .023
(19mm x .58mm)



CMDS
Medium duty,
for strapping up to
1 1/4" x .035
(32mm x .89mm)



CHDS
Heavy duty,
for strapping up to
2" x .050
(51mm x 1.27mm)



CHBS
Heavy Duty Strap Cutter
cuts strap up to
1 1/2" x .065
(38mm x 1.65mm)



TCTL Cut-To-Length
Strap Dispenser



HLC-80
Strap Chopper



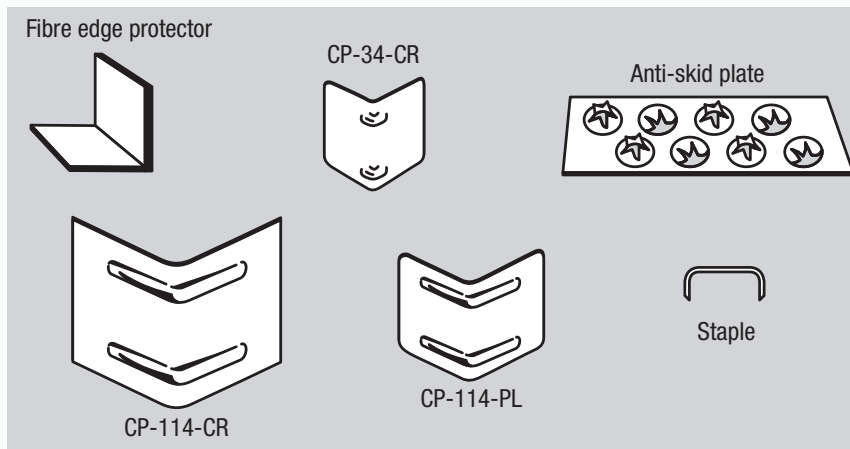
Tool Balancer

Accessories for Polyester Cord Strapping

Item	Description
21-475	Super Shears
CRF-10	Lacing Rod

Accessories

Item	Size		Pieces Per Box	Weight Per Box	
	in	(mm)		lbs	(kg)
Edge protector CP-34-CR	1" leg x 15/8" W	(25.4 x 41.3)	1000	33	(15.0)
Edge protector CP-34-PL	1" leg x 1 1/4" W	(25.4 x 31.8)	1000	7	(3.2)
Edge protector CP-114-PL	1 3/4" leg x 2 1/4" W	(44.5 x 57.2)	1000	29	(13.2)
Edge protector CP-114-CR	2" leg x 2 15/16" W	(50.8 x 74.6)	500	50	(22.8)
Anti skid plate	33/8" W x 4 3/4" L x .060	(85.7 x 120.7 x 1.5)	200	50	(22.8)
Staples J-34	7/8" W x 5/8" L x 14GA	(22.2 x 15.9 x 355.6GA)	9400	50	(22.8)
Staples J-114	1 3/8" W x 3/4" L x 12GA	(34.9 x 19.1 x 304.8GA)	6100	50	(22.8)



Accessories

Balancers

Standard Duty

Type	Weight Capacity	
	lbs	(kg)
EW-5	6-9	(2.7-4.1)
EW-9	9-13	(4.1-5.9)
EW-15	13-18	(5.9-8.2)
EW-15	18-24	(8.2-10.9)

Heavy Duty

Type	Weight Capacity	
	lbs	(kg)
EW-15	18-25	(8.2-11.4)
EW-22	25-35	(11.4-15.9)
EW-22	35-45	(15.9-20.5)

- Suspend strapping tools at desired levels, from a fixed overhead position on a ceiling, monorail or jib crane
- Several models to choose from depending on balancing and weight required

HLC-80 Strap Chopper

- Cuts strapping or wire from the lightest to the heaviest gauges into 3 1/2" (88.9mm) lengths.
- Makes disposal fast and simple.
- Various models, including electric or gas driven motors, are available to suit your applications.

TCTL Cut-To-Length Strap Dispenser

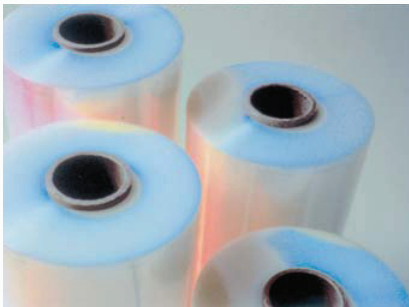
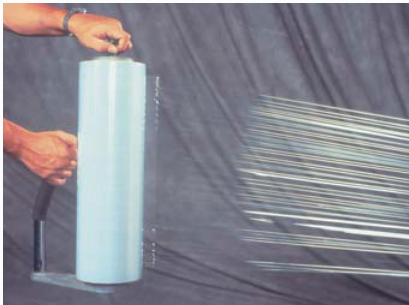
- Accurately cuts 3/8" (10mm) through 2" (51mm) strapping in lengths from 0.10 (2.54mm) to 99.99" (254cm)
- Automatic operation reduces labour costs and eliminates waste
- Models for steel and plastic strapping

Stretch Wrap Equipment and Film

Stretch Wrap Systems

Samuel manufactures and markets the complete range of stretch wrap equipment and systems for all your unitizing requirements. Capable of producing up to 90 pallets per hour, Samuel's manual, semi-automatic and fully-automatic systems (platform or conveyORIZED) are available to suit a variety of needs. A powered pre-stretched film delivery system is available for most models.

Samuel Stretch Films feature consistent high quality and superior performance. Available in a variety of gauges and widths. Samuel Stretch Films have an excellent stretch memory and unsurpassed puncture resistance which can lower your palletizing costs without affecting unitizing strength and load integrity.



Machine Stretch Film

Roll Width		Thickness		Rolls Per Pallet
in	(mm)	Gauge	(Micron)	
20	(508)	50-200	(12.7-50.8)	16-40
30	(762)	50-200	(12.7-50.8)	16-40
40	(1016)	50-200	(12.7-50.8)	16-40
60	(1524)	50-200	(12.7-50.8)	16-40

Hand Stretch Film

Roll Width		Thickness		Rolls Per Pallet
in	(mm)	Gauge	(Micron)	
3-20	(76.1-508)	60-90	(15.2-22.8)	18-36



Defender
Defender RT



Orbital Stretch Wrapper
SOA 700 – Manual
SOA 725 – Semi Automatic
SOA 750 – Automatic



SLP 110 – Low Profile
Semi Automatic Stretch Wrapper



Defender
DEFENDER LP –
Low Profile Wrapping Machine

OB-301N/OP-301N Automatic Paper Tape Strapping Machine

Arch Size – (WxH)	15 x 8"	(381 x 203mm)
Strapping Speed	30 straps/min	
Tape to be Used – (WxL)	1.2" x 623'	(30mm x 190m)
OB-301N	Paper tape	
OP-301N	Plastic film tape	
Tension	1.1-6.6 lbs adjustable	(0.5-3kg adjustable)
Package Size	Min – (WxH) 1.2 x .4"	(30 x 102mm)
	Max – (WxH) 15 x 8"	(381 x 203mm)
Power Supply	110V, single phase	
Machine Weight	62 lbs	(28kg)
Machine Size (WxDxH)	22 x 12.6 x 19.3"	(559 x 320 x 490mm)

Semi-Automatic Plastic Strapping Machines



OB-301N (Paper)
OP-301N (Plastic)

P625/P725 Semi-Automatic Strapping Machine

Strapping Speed	2.5 sec/strap	
Strap Width	1/4, 3/8, 1/2"	(6, 9, 12mm)
Tension	10-110 lbs	(5-50kg)
Mechanical Tension	P625/P725	
Electronic Tension	P625E/P725E	
Package Size	Min – (WxH) 2.5 x 1.25"	(64 x 32mm)
	Max – (WxH) No limit	
Power Supply	110V, single phase	
Machine Weight	180 lbs	(82kg)
Machine Size – (LxWxH)	35.2 x 22.3 x 28.7"	(894 x 566 x 729mm)



P625



P725/P725E

P100 Heavy Duty Semi-Automatic Strapping Machine

Strapping Speed	2.5 sec/strap	
Strap Width	1/4, 3/8, 1/2"	(6, 9, 12mm)
Electronic Tension	Fully adjustable to 150 lbs (667N)	
Power Supply	110V, 60 cycles, single phase	
Strap Feed Rate	3.5' per sec.	(1m per sec.)
Machine Weight	220 lbs	(100kg)
Machine Size – (LxWxH)	37 x 24 x 28.5"	(940 x 610 x 724mm)



P100

P652V/P652VS Semi-Automatic Strapping Machine

Strapping Speed	2.5 sec/strap	
Strap Width	1/4, 3/8, 1/2"	(6, 9, 12mm)
Tension	10-121 lbs	(5-55kg)
Power Supply	110, 220 60Hz, single phase	
P652V	Painted frame	
P652VS	Stainless steel frame	
Roller Top Table – (WxL)	13.75 x 21.25"	(349 x 540mm)
Adjustable Table Height	14.5 - 26" elevation	(368 x 660mm)
Machine Weight1	80 lbs	(82kg)
Machine Size – (LxWxH)	34.7 x 23 x 62.6"	(881 x 584 x 1,590mm)



P652VS

Plastic Strapping Machines

P610



P610 Automatic Strapping Machine

Arch Size	Wide range available	
Strapping Speed	Up to 30 cycles/min	
Strap Width	$\frac{3}{8}$, $\frac{1}{2}$ "	(9, 12mm)
Tension	6-150 lbs (3-68kg)	
Package Size	Min – (WxH)	3.5 x 3.5" (89 x 89mm)
	Max – (WxH)	Within arch size
Maximum Package Weight	80 lbs	(36kg)
Power Supply	110V, single phase	
Machine Weight	325 lbs	(147kg)
Machine Size – (WxDxH)	43.75 x 21.75 x 58.25" (1,111 x 552 x 1,480mm)	

P640



P640 Automatic Strapping Machine

Arch Sizes – (WxH)	24 x 16, 24 x 24"	(610 x 406, 610 x 610mm)
	32 x 16, 32 x 24"	(813 x 406, 813 x 610mm)
Strapping Speed	Up to 40 cycles/min	
Strap Width	(5, 6mm)	
Tension	6-70 lbs (3-32kg)	
Package Size	Min – (WxH)	4.3 x 2" (109 x 51mm)
	Max – (WxH)	Within arch size
Power Supply	110V, single phase	
Table Height	32-36" adjustable (813-914mm)	
Machine Weight	400 lbs	(181kg)
Machine Size – (WxDxH)	38 x 22 x 52" (965 x 559 x 1,321mm)	

P710



P710 Automatic Strapping Machine

Arch Size	Wide range available	
Strapping Speed	Up to 40 cycles/min	
Strap Width	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ "	(6, 7, 8, 9, 11, 12mm)
Tension	5.5-155 lbs (2-70kg)	
Package Size	Min – (WxH)	4.3 x 2" (109 x 51mm)
	Max – (WxH)	Within arch size
Power Supply	110V, single phase	
Table Height	30" (762mm)	
Conveyor	Rollers in table top	
Machine Weight	400 lbs	(181kg)
Machine Size – (WxDxH)	50 x 23 x 55" (1,270 x 584 x 1,397mm)	

P710SC



P710SC Stainless Automatic Strapping Machine

Arch Sizes – (WxH)	24 x 20, 32 x 20"	(838 x 584mm)
Strapping Speed	Up to 40 cycles/min	
Strap Width	$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ "	(6, 7, 8, 9, 11, 12mm)
Tension	5.5-155 lbs (2-70kg)	
Package Size	Min – (WxH)	4.3 x 2" (109 x 51mm)
	Max – (WxH)	Within arch size
Power Supply	110V, single phase	
Table Height	30" (762mm)	
Conveyor	Rollers in table top	
Finish	Stainless steel	
Machine Weight	400 lbs	(181kg)
Machine Size – (WxDxH)	50 x 23 x 55" (1,270 x 584 x 1,397mm)	

Automatic Plastic Strapping Machines

P710A Fully Automatic Strapping Machine

Arch Size	24 or 32" wide	(610 or 813mm wide)
Strapping Speed	22 to 24 bundles per minute (single strap)	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Package Size	Min – (WxH)	8 x 2"
	Max – (WxH)	Within arch size
Power Supply	110V, single phase	
Conveyor Height	30"	(762mm)
Conveyor Speed	Variable from 66-149' per minute	(20-45m)
Electrical Control	Internally mounted programmable controls	
Maximum Loading Capacity	90 lbs	(41kg)
Machine Weight	500 lbs	(227kg)
Machine Size (WxDxH)	49 x 26.5 x 55"	(1,245 x 673 x 1,397mm)



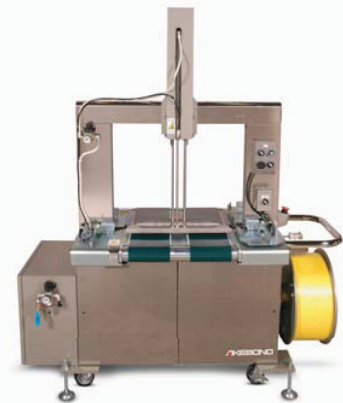
P710A-2 Heavy Duty Automatic Strapping Machine

Arch Sizes – (WxH)	24 x 12, 24 x 20"	(610 x 305, 610 x 508mm)
Strapping Speed	22 to 24 packages per minute (single strap)	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Package Size	Min – (WxH)	8 x 2"
	Max – (WxH)	Within arch size
Power Supply	110V, single phase	
Conveyor Height	30.5"	(775mm)
Conveyor Speed	Variable from 66-149' per minute	(20-45M)
Conveyor System	Heavy duty motor drive	
Electrical Control	External cabinet, industrial grade controls	
Maximum Loading Capacity	120 lbs	(54kg)
Machine Weight	550 lbs	(249kg)
Machine Size (WxDxH)	60 x 26.5 x 55"	(1,524 x 673 x 1,397mm)



P710SA-2 Heavy Duty Stainless Automatic Strapping Machine

Arch Sizes – (WxH)	24 x 12, 24 x 20"	(610 x 305, 610 x 508mm)
Strapping Speed	22 to 24 packages per minute (single strap)	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Package Size	Min – (WxH)	8 x 2"
	Max – (WxH)	Within arch size
Power Supply	110V, single phase	
Conveyor Height	30.5"	(775mm)
Conveyor Speed	Variable from 66-149' per minute	(20-45M)
Conveyor System	Heavy duty motor drive	
Electrical Control	External cabinet, industrial grade controls	
Finish	Stainless steel arch and cabinet covers	
Maximum Loading Capacity	120 lbs	(54kg)
Machine Weight	550 lbs	(249kg)
Machine Size (WxDxH)	60 x 26.5 x 55"	(1,524 x 673 x 1,397mm)



P710SA-2
(optional press shown)

Plastic Strapping Machines

P710N



P710N Narrow Seal Automatic Strapping Machine

Arch Size – (WxH)	16 x 12"	(406 x 305mm)
Strapping Speed	Up to 40 cycles/min	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Tension	5.5-155 lbs (2-70kg)	
Package Size	Min – (WxH)	2.5 x 1" (64 x 25mm)
	Max – (WxH)	Within arch size
Power Supply	110V, single phase	
Table Height	30"	(762mm)
Conveyor	Rollers in table top	
Machine Weight	400 lbs	(181kg)

P710LB



P710LB "Low Boy" Automatic Strapping Machine

Arch Sizes	Wide range available	
Strapping Speed	Up to 40 cycles/min	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Tension	5.5-155 lbs (2-70kg)	
Package Size	Min – (WxH)	6 x 2" (152 x 51mm)
	Max – (WxH)	Within arch size
Power Supply	110V, Single Phase	
Table Height	17"	(432mm)
Conveyor	Rollers in table top	
Machine Weight	500 lbs	(227 kg)

P710Y



P710 Y Automatic Side Seal Strapping Machine

Arch Size	Wide range available	
Strapping Speed	Up to 40 cycles/min	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Tension	5.5-155 lbs (2-70kg)	
Package Size	Min – (WxH)	6 x 2" (152 x 51mm)
	Max – (WxH)	Within Arch Size
Power Supply	110V, single phase	
Seal Centre Line	19" from floor	(483mm)
Bottom Track Clearance	10" from floor	(254mm)
Machine Weight	500 lbs	(227 kg)

P710
Wide Arch



P710 Wide Arch Strapping Machine

Arch Sizes – (Width)	24 to 102"	(610 x 2,591mm)
(Height)	12 to 51"	(305 x 1,295mm)
Strapping Speed	Up to 40 cycles/min	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Tension	10-155 lbs (5-70kg)	
Package Size	Min – (WxH)	6 x 2" (152 x 51mm)
	Max – (WxH)	Within Arch Size
Power Supply	110V, Single Phase	
Table Height	30"	(762mm)
Conveyor	Rollers in table top	
Machine Weight	Varies By Arch Size	

Fully Automated Machine Systems

The Samuel SBC-932 Automatic Strapping Machines is ideal for securing bulk loads of PET or glass bottles, as well as aluminum, steel and composite cans. The SBC-932 utilizes a heat seal to weld the strap together, providing uniform and high strength seal joints. The heavy duty heat knife has a life of 200,000 plus cycles. The reliable VK 20 strapping head automatically indexes up to 14" to the load side to assure tight, secure and accurate strap replacement. This rugged strapping head is designed to be maintenance friendly and to ensure low cost operation. All functions are PLC controlled to tie into existing conveyor and production systems

SBC-932 Side Seal Strapping Machine

Electrical	230/460, 3hp, 60hz
Load Stabilizer	Free Standing 500 lbs. (PET Bottles)
Air	80 psi
Speed	Feed and Take up 7-15 FPS
Load Compression (Cans)	Free Standing 1,200 lbs.
Sealing Method	Heat Weld
Machine Weight	1,800 lbs.
Load Compression (Glassware)	Free Standing 4,000 lbs.
Strapping	Polypropylene or Polyester
Strap Size	3/8"(9 mm)-3/4"(19 mm)
Tension	up to 500 lbs. (adjustable) Multi-Strand or Roller
Conveyor	with or without Turntable

SBC-932



The SCU8 uses high performance heads and components to produce securely unitized corrugated loads to meet your specific requirements. The SCU8's framework is built from heavy steel to withstand a lifetime of use in demanding plant environments. The heavy steel platen and reinforced under conveyor supports allow high compression ratios on corrugated loads. Our standard model offers compression up to 8000 lbs, with higher levels available as an option. The SCU8 comes equipped with the VK20 strapping head, which offers you the flexibility to use polyester or polypropylene strap in 1/2" to 5/8" gauges with only minor onsite adjustments. The user-friendly programmable controllers are state-of-the-art and provide an O.E.M. system suitable for interfacing with any standard conveyor equipment.

SCU-8 Corrugated Unitizing Machine

Max. Load Height	74" or 88"
Min. Load Height	10" or 24" (with optional Pallet Void feeders the minimum height is 18")
Max. Load Width	102"
Min. Load Width	24"
Through Clearance	102"
Compression	1,000 to 8,000 lbs. Range (Higher levels optional)
Compression Sys.	Hydraulic
Maximum Diagonal	102"
Package Dimension	87" L x 102"W
Roller Conveyor	Internal Powered
Head Spacing	15" and 24"
Machine Height	127"
Machine Width	87"

SCU-8 Unitizer



Samuel's standard lumber press offers a rugged modular design that has made it the machine of choice for demanding mill environments. Structural steel tubing makes this machine the strongest and heaviest in its class and allows it to resist torsional stresses during compression. Automatic bunk carriage magazines and flat fibre edge protector dispensers ensure complete package protection and total automation. The SLP-25 can be outfitted with a sealess G9 head for steel strapping or a VK30 heat seal head for polyester strapping. This versatile system can be further enhanced by adding a jumbo dispenser to handle 1000lb steel coils or 160 lb jumbo polyester coils. The SLP-25 can also strap panel products with the panel option installed.

SLP-25 Lumber Strapping Machine

Machine Opening Height	Max. (56 in.) (1422mm) Min. (8 in.) (205mm)
Machine Opening Width	Max. (58 in.) (1473mm) Min. (22 in.) (560mm)
Strapping Size	(1/2, 5/8 and 3/4" from .020 up to .040 in. thick) (12.7mm, 16mm and 19mm from 0.5mm up to 1mm thick)
Strap Joint	Highest joint efficiency in the industry
Compression	Adjustable up to 25,000 lbs (111,200 newtons) top and 25,000 lbs (111,200 newtons) side

SLP-25



Dispensers for Fully Automated Equipment

CD-12J Polyester Strapping Dispenser

The Samuel CD-12J Strap Dispenser is designed to meet the demands of today's high performance polyester unitizing machines. The versatile drum will hold multiple coil sizes as a standard feature. With an optional easy loading jib and c-hook attachment, the CD-12J will handle Jumbo Coils up to 160 lbs. A high torque 3 phase gear motor and V.T. drive ensure smooth drum rotation and high performance strap delivery.

HD-13 Jumbo Steel Strapping Dispenser

The Samuel HD-13 Jumbo Steel Coil Dispenser is designed for the demands of today's high output facilities. The large capacity turntable carries up to three coils, reducing downtime in your plant due to changeovers. With a heavy duty thrust bearing for smooth turntable rotation, and roller chain drive, the HD-13 will keep your efficiency high and your packaging costs low.

CD-12SJ Jumbo Polyester Strapping Dispenser

The Samuel CD-12SJ Dispenser has been designed specifically for high output facilities who can benefit from our Super Jumbo polyester strapping coils. With coil lengths up to 20,000 feet for $\frac{5}{8}$ " x .040 and 17,500 feet for $\frac{3}{4}$ " x .040 strapping many facilities can run several shifts without changeovers. The CD-12SJ has been designed to hold the 208 lb coils and features an easy loading jib and c-hook attachment, A high torque 3 phase gear motor and V.T. drive ensure smooth drum rotation and high performance strap delivery.

SCD-12 Steel Strapping Dispenser

The Samuel SCD-12 Strap Dispenser is designed to meet the demands of today's high performance steel strapping machines. The versatile drum will hold multiple coil sizes as a standard feature. With an optional easy loading jib and c-hook attachment, the SCD-12 will handle coils up to 100 lbs. A high torque 3 phase gear motor and V.T. drive ensure smooth drum rotation and high performance strap delivery.





Edgeboard

Samuel Edgeboard and Edge Protectors are made from several plies of paperboard that are glued, treated and formed into a rigid right angle.

Samuel Edgeboard serves to protect edges of pallet loads and adds stacking strength to packages. Edgeboard is used to reinforce packages both externally and internally. It is also used for unitizing and stabilizing pallet loads.

Samuel Edgeboard is available in various lengths and calipers. Edge protectors range from 2½" (63.5mm) to 11.5" (292mm) in length and are boxed and sold per thousand pieces. Edgeboard is available up to 228" (579.1mm), is palletized, and sold per thousand linear foot/1000m.

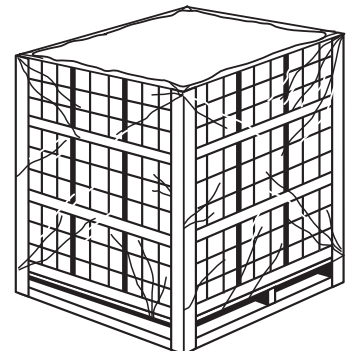
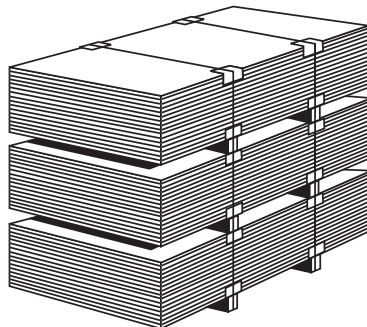
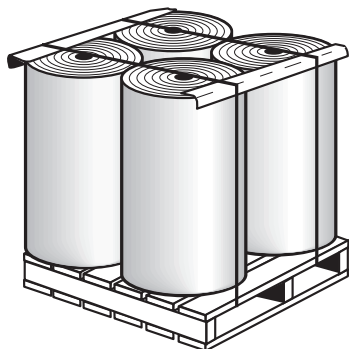
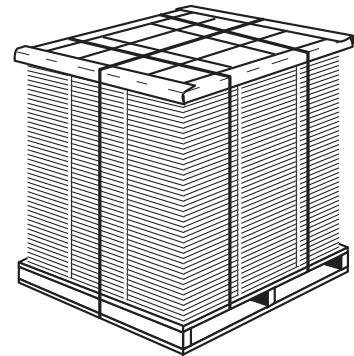
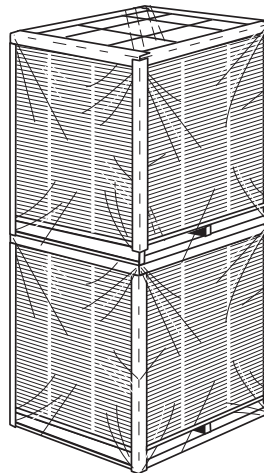
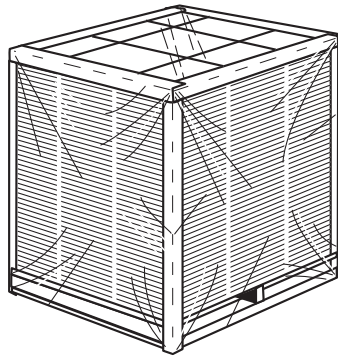
A significant freight savings can be achieved by combining edgeboard with steel and/or plastic strapping. By combining the products, the bulk paper product moves at the lower steel rate.

Edgeboard – Pieces			
Leg length	caliper(ins.)	width (ins.)	Thickness
2 x 2	.80	2.5	.080", .120", .125" (lightweight)
2.5 x 2.5	.120	3	.160", .180", .200", .225" (Regular)
3 x 3	.225	2.5	.250", .400" (heavy duty)
2 x 4	.225	6	

Your company's name, trademark or message can be printed in any two colors.

Edgeboard – Lengths			
Leg length	caliper(ins.)	width (ins.)	
2 x 2	.120	48	
2.5 x 2.5	.160	72	
3 x 3	.180	36	
3 x 3	.225	144	

Custom sizes can be made to order.



Products/Services

- Steel, polypropylene and polyester strapping
- Seals
- Heavy duty industrial unitizing systems
- Heavy duty steel and plastic strapping heads
- Manual and pneumatic strapping tools
- Semi and fully automatic strapping machines
- Stretch wrap machines
- Cutters
- Dispensers
- Edgeboard
- Scrap choppers

Major Operating Locations

Canada

ALBERTA

7032 – 68 Avenue
Edmonton AB T6B 3C5
Tel: 780-469-4040
Fax: 780-469-4012

BRITISH COLUMBIA

1365 Derwent Way
Annacis Island
New Westminster, B.C. V3M 5V9
Tel: 604-521-3700
Fax: 604-521-8181
Tel: 1-800-667-1264

ONTARIO

2370 Dixie Road
Mississauga, ON L4Y 1Z4
Tel: 905-279-9580
Fax: 905-279-8016
Tel: 1-800-607-8727

737 Oval Court
Burlington, ON L7L 6A9

Customer Service:
Tel: 1-800-607-8727

EQUIPMENT DIVISION

21 Corrine Court
Vaughan, ON L4K 4W2
Tel: 905-739-1370
Fax: 905-739-1393

QUEBEC

3289 J.B. Deschamps
Lachine, QC H8T 3E4
Tel: 514-631-5551
Fax: 514-631-3335
Tel: 1-800-361-0900

U.S.A.

GEORGIA

110 Dent Drive
Cartersville, GA 30121
Tel: 770-386-8837
Fax: 770-386-8827

ILLINOIS

1401 Davey Road
Suite 300
Woodridge, IL 60517
Tel: 630-783-8900
Fax: 630-783-8901
Parts and Service:
Tel: 1-800-323-4424
Fax: 1-800-446-5253

OHIO

1455 James Parkway
Heath, OH 43066
Customer Service:
Tel: 1-800-222-1855

SOUTH CAROLINA

2000 K Boyer Drive
Ft. Mill, SC 29708
Tel: 803-802-3203
Fax: 803-802-3209

TEXAS

623 Fisher Rd.
Longview, TX 75604
Tel: 903-759-2761
Fax: 903-759-2308
Tel: 1-800-222-1800
Pine Timbers Dist. Ctr. #2
4660 Pine Timbers Ste 139
Houston, TX
Tel: 713-460-3403
Fax: 713-460-3466