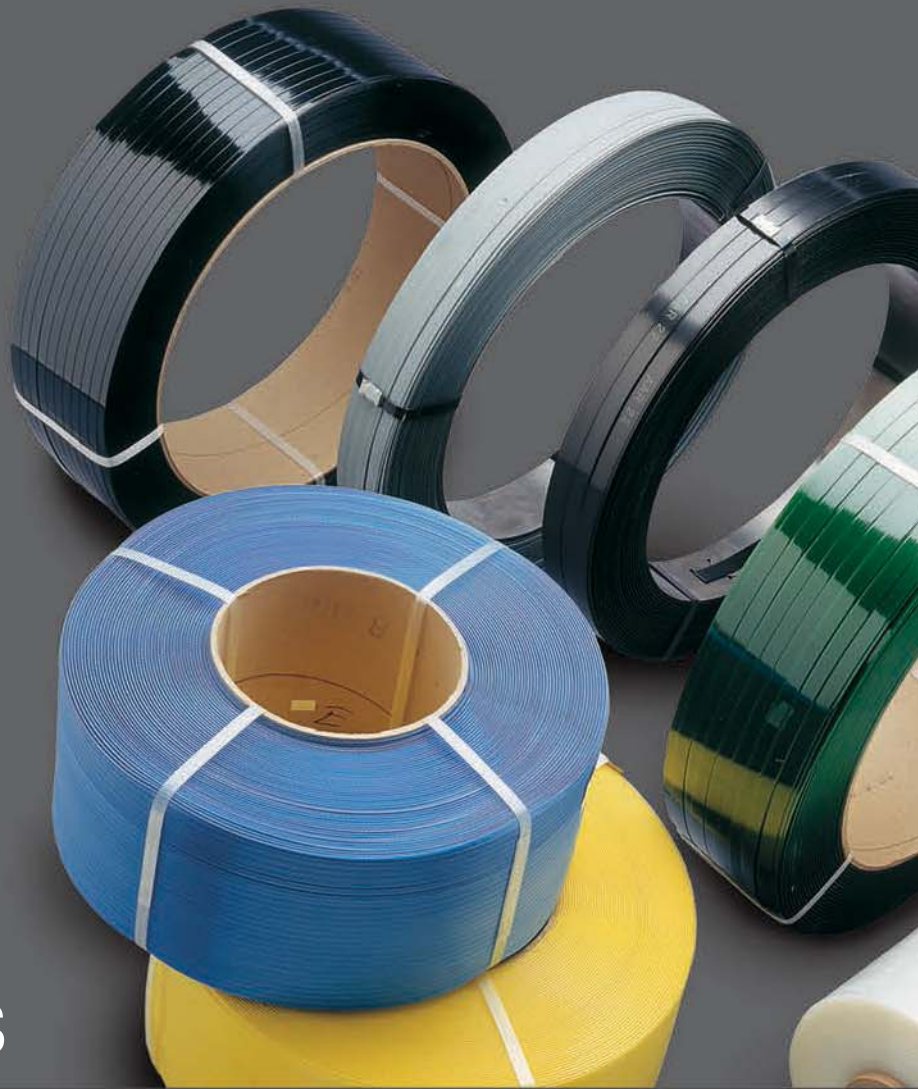


PRODUCT REFERENCE GUIDE

STANDARD AND CUSTOM ENGINEERED STRAPPING PRODUCTS



SMARTER
PACKAGING SOLUTIONS



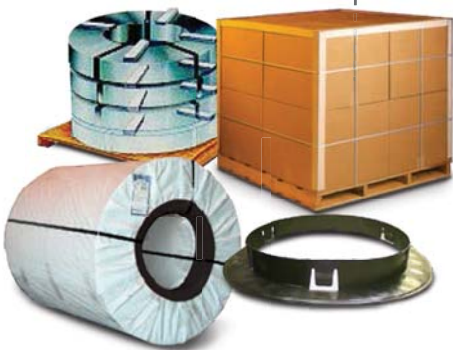
Complete Strapping & Unitizing Solutions

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.

Protective Packaging



VCI Packaging



Steel Strapping



Plastic Strapping



Plastic Hand Tools



Steel Hand Tools



Plastic Strapping Machines



Strapping Heads



Industrial Strapping Machines



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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 500-3000 lbs. (113-950 kg). Coil face ranges from 6” (152.4mm), 7 1/2” (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.



Metal Wrap



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)	•		•	•	•
44125040RW	1 1/4	(32)	.040	(1.01)	7600	(33806)	5.88	(3.95)	85-110	(38-49)	•		•	•	
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)	.030	(.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												
P3819RMT137A2	3/8	(10)	.019	(.48)	425	(1890)	13750	(4190)		T-Green	56	(25.5)
P3821SMT096H2	3/8	(10)	.020	(.51)	460	(2046)	9600	(2926)		T-Green	43	(20)
P3821RMT125A2	3/8	(10)	.021	(.53)	450	(2000)	12500	(3810)		T-Green	55	(25)
P5830SMT038H2	5/8	(16)	.030	(.76)	1100	(4895)	3800	(1160)		T-Green	41	(18.5)
P5835SMA040H2	5/8	(16)	.035	(.89)	1400	(6225)	4000	(1220)		Green	50	(22.5)
P5835WVG040H9	5/8	(16)	.035	(.89)	1400	(6225)	4000	(1219)	•	Green	50	(22.5)
P5835XMG040H9	5/8	(16)	.035	(.89)	1400	(6225)	4000	(1219)	•	Green-AAR	50	(22.5)
P5840BMG040H2	5/8	(16)	.040	(1.02)	1290	(5730)	4000	(1219)		Green-Brick	57	(26)
P5840CMG040H2	5/8	(16)	.040	(1.02)	1290	(5730)	4000	(1219)		Green-AAR	57	(26)
P5840SMG040H2	5/8	(16)	.040	(1.02)	1600	(7110)	4000	(1219)		Green	57	(26)
P5840XMG040H9	5/8	(16)	.040	(1.02)	1600	(7110)	4000	(1219)	•	Green-AAR	57	(26)
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)
P1228WMT065H9	1/2	(12)	.028	(.71)	800	(3560)	6500	(1982)	•	T-Green	50	(22.6)
P1230WMT065H9	1/2	(12)	.030	(.76)	875	(3892)	6500	(1982)	•	T-Green	53	(24)
P3440TMG030H2	3/4	(19)	.040	(1.02)	1900	(8450)	3000	(914)		Green-AAR	52	(23.5)
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)
P9040WMA024H9	1	(25.4)	.040	(1.02)	2500	(11200)	2400	(731)	•	Opaque Green	54.4	(24.7)
P9050XMG018A2	1	(25.4)	.050	(1.27)	3100	(13790)	1800	(548)	•	Green	50.3	(22.82)
P9040WVG017H9	1 1/4	(32)	.040	(1.02)	3100	(13790)	1700	(520)	•	Green	49	(22)
P9450WMBK014A2	1 1/4	(32)	.050	(1.27)	4000	(17792)	1400	(427)	•	Black	49.6	(22.49)
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)
P5825SMB046H3	5/8	(16)	.025	(.64)	900	(4005)	4600	(1400)		Black	41	(18.5)
P5825SMT044H3	5/8	(16)	.025	(.64)	900	(4005)	4400	(1340)		T-Green	39	(17.6)
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 – 2 Coils Per Skid – Bulk Packed												
P9450WSBK075H7	1 1/4	(32)	.050	(1.27)	4000	(17792)	7500	(2286)	•	Black	265.9	(120)
16" I.D. x 12" Face – 2 Coils Per Skid – Bulk Packed												
P5835TSG230H7	5/8	(16)	.035	(.89)	1400	(6225)	23000	(7010)		Green-AAR	284	(129)
P5840TSG200H7	5/8	(16)	.040	(1.02)	1600	(7110)	20000	(6096)		Green-AAR	282	(128)
P5840XSG200H7	5/8	(16)	.040	(1.02)	1600	(7110)	20000	(6096)	•	Green-AAR	282	(128)
P3440TSG175H7	3/4	(19)	.040	(1.02)	1900	(8450)	17500	(5334)		Green-AAR	284	(129)



Standard Large Bulk Coil Skid



Super Jumbo Polyester coils

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.



Custom-Branded Seals
Make your mark!

Samuel Strapping Systems offers custom logo printing on all seals.

Standard Duty

Strap Size	Seal No.	Seal Type	Std. Pack	Seal Length		Wt. Per Pack		Sealer/Tensioner
				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	1 1/8	(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	1 1/8	(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	1 1/4	(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	1 1/8	(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)	lbs	(kg)		Notch	Crimp
3/4 (19)	34-HOF	Open-Flange	2000	1 25/32	(45.2)	45	(20.4)	SA 11-D6, S34-N	•	
	34-HC	Thread On	2000	1 25/32	(45.2)	49	(22.2)	SA 11-D6, S-34-SN, PS6-SNR	•	
	34-HP	Push	2000	1 25/32	(45.2)	74	(33.6)	PS6-SNR, SA 11-D6, S-34-SN, A461, A482-6, CR24A	•	
	34-HM	Magazine	2000	1 1/2	(38.1)	42	(19.1)	S Series		
1 1/4 (32)	114-HOF	Open-Flange	1000	2 3/16	(56.0)	45	(20.4)	SA 11-D10, S-10-SN	•	
	114-HC	Thread on	1000	2 3/16	(56.0)	44	(20.0)	S-10-SNR, SA 11-D10, S-10-SN, PS-10-SNR, PS-10-DC	•	
	114-HP	Push	1000	2 3/16	(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	1 1/2	(57.0)	64	(29.0)		•	
	114-HT36L MAXLOK	Thread on	300	4 3/4	(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		•
2" (51)	114KA	Magazine	1750	1 1/2	(38.1)	30	(13.6)			
	114M	Magazine	1000	2"	(50.8)	59	(26.7)			
	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	4 1/2	(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)	
1/2 (13)	4-0	Open	1000	1 1/4	(32)	20	(9.1)	S-4, S-4-HD
						10	(4.6)	
	40	Open	1000	1 1/4	(32)	–	–	C15A4
						10	(4.6)	
						15	(6.8)	
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	
5/8 (16)	5-0	Open	1000	1 1/4	(32)	11	(5.0)	S-4, S-4-HD, C15B4
						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
	CCP451/481	Magazine	2000	1 1/4	(32)	20	(9.1)	MC-4-025
	3/4 (19)	6-0	Open	1000	1 1/4	(32)	13	(6.0)

Not approved by the AAR

Plastic Strapping Seals

Wire Buckle



Plastic Buckle



Metal Seal



Heat Seal



Friction Weld



Polyester Cord Strapping

Code	Type	Bx/Plt	Width		Break Strength	Length/Coil		Weight/Coil		Coil/Box
			in	(mm)		ft	(m)	lbs	(kg)	

Strapping - Non Woven Polyester

TYCORD375-S	TY375	36	3/8	(10)	450	5,200	(1,585)	20	(9)	1
TYCORD105-S	TY105*	16	1 1/4	(32)	3,285	500	(152)	10	(4.5)	6

Strapping - Heavy Duty Woven Polyester

TYSTRAP75-S	AW75	36	3/4	(19)	1,500	1,500	(457)	17.5	(8)	1
TYSTRAP105-S	AW105*	16	1 1/4	(32)	3,285	420	(128)	11	(5)	6
TYSTRAP125-S	AW125*	16	1 1/2	(38)	5,400	355	(108)	14	(6)	5
TYSTRAP177-S	AW177*	16	1 5/8	(41)	7,700	305	(93)	16	(7)	5
TY2STRAP12-S	12K*	16	1 5/8	(41)	11,000	175	(53)	13	(5)	5

** Approved by the AAR*

Heavy Duty Buckles

Code	Type	Description	Size	Qty/Box	Weight/Box
			in		
8PGWB13-S	SSWB13	Phosphate Coated Wire Buckle (64 BX/PLT)	1/2	2,000	20
8PGWB19-S	SSWB19	Phosphate Coated Wire Buckle (48 BX/PLT)	3/4	1,000	22
8PGWB32-S	SSWB32*	Phosphate Coated Wire Buckle (48 BX/PLT)	1 1/4	250	46
8PGWB40-S	SSWB40*	Phosphate Coated Wire Buckle (48 BX/PLT)	1 5/8	200	23
8PGLB32-S	SSLB32*	Ladder Buckle (60 BX/PLT)	1 1/4	50	21
8PGLB40-S	SSLB40*	Ladder Buckle (108 BX/PLT)	1 5/8	30	20
8PGLB50-S	SSLB50*	Ladder Buckle (30 BX/PLT)	2	25	25

** Approved by the AAR*

Polyester Cord Strapping

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

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

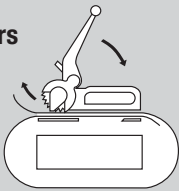
These tools are used for heavy tensioning applications such as rail car or truck loading. The strap passes through the slotted windlass drum for positive heavy tension.

Pneumatic Tensioners

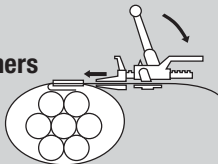
With speed and ease of operation, these tools feature reversing or non-reversing motors with unlimited feedwheel take-up. The pusher type is for use on irregular-shaped surfaces.

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

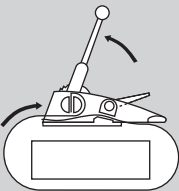
Feedwheel tensioners with unlimited take-up



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-301-19	3/4 x .025-.035	(19 x .64-.89)	4.4	(2.0)	Feedwheel – Heavy Duty
A-301-32	1 1/4 x .025-.035	(32 x .64-.89)	7.1	(3.2)	
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)	
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



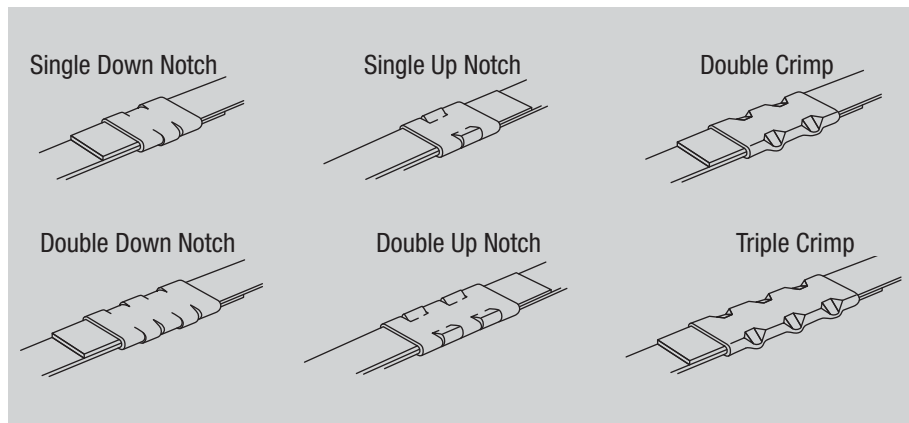
Steel Strapping Sealers

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 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.



A380



A480

A483

A385

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

A383	1 1/4 x .031-.035	(32 x .80-.90)	51.8	(23.5)	Pneumatic Pusher Type for Round Packages, and Irregular Shapes
A480-3	3/8 x .015-.020	(10 x .38-.51)	9.3	(4.2)	
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)	Manual Sealless Operation for High Tensile Steel Strapping
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 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)	
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)	
A338-TW-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	13.0	(5.9)	Manual Sealless Operation for High Tensile Strapping
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)	Manual Sealless Operation for High Tensile Strapping
A334-6	3/4 x .020-.031 H.T.	(19 x .51-.79)	16.3	(7.4)	

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)	Pneumatic Sealless Operation for High Tensile Steel Strapping
A385-3	3/8 x .015-.020 S.D.	(10 x .38-.51)	23.1	(10.5)	
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)	Pneumatic Sealless Operation for High Tensile Steel Strapping
A380-4	1/2 x .020-.023 H.T.	(13 x .51-.58)	38.4	(17.4)	
A380-5	5/8 x .020-.023 H.T.	(16 x .51-.58)	38.4	(17.4)	Heavy Duty
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)	Manual Sealless Operation for High Tensile Strapping
A383-10	1 1/4 x .029-.035 H.T.	(32 X .74-.89)	51.0	(23.1)	

Powered Plastic Strapping Combination Tools

Model	Strap Type	Strap Size		Weight		Description
		in	(mm)	lbs	(kg)	
P328	Polyester or Polypropylene	3/8 x .016 - .041	(10 x .40-1.05)	9.3	(4.3)	4.0 Ah Li-Ion battery
P329	Polyester or Polypropylene	5/8 x .026 - .041	(16 x .65-1.05)	9.3	(4.3)	4.0 Ah Li-Ion battery
P331	Polyester	3/4 x .031 - .060	(19 x .80-1.53)	14.1	(6.4)	4.0 Ah Li-Ion battery
P355	Polyester or Polypropylene	3/8 x .016	(10 x .4)	10	(4.75)	Pneumatic tension and friction sealing
P356	Polyester	5/8 x .026	(16 x .65)	11.9	(5.4)	Pneumatic tension and friction sealing
P359	Polyester	3/4 x .023	(19 x .60)	19.6	(8.9)	Pneumatic tension and friction sealing

Manual Plastic Strapping Combination Tools

Model	Seal		Strap Size	Weight		Description	
	Can.	U.S.		in	(mm)		lbs
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)	
T6	4.4	(2.0)	Drum-type for 3/8 - 3/4" (10mm-19mm) plastic strapping. Flat surfaces.

Manual Plastic Strapping Sealers

Model	Weight		Description
	lbs	(kg)	
S-3	3.1	(1.4)	For 3/8" (10mm) plastic strapping.
S-4	3.1	(1.4)	For 1/2" (13mm) plastic strapping.
S-4-HD	3.1	(1.4)	
S-5	4.9	(2.2)	For 5/8" (16mm) plastic strapping.
S-5-HD	4.2	(1.9)	
S-6	3.1	(1.4)	For 3/4" (19mm) plastic strapping.
S-6-HD	4.2	(1.9)	

Plastic Strapping Tools



P328/P329



P331



P356



P403/404

Dispensers

100-5 Standard Dispenser for Steel or Plastic Strapping

- Portable dispenser for standard oscillated wound coils of steel strap 27/8" (70mm) wide and coils of plastic strap with 16" core and 3" or 6" face
- Complete with strap guide and extra-large tool tray



100-5



100-6



*100H

100-6 Standard Dispenser for Steel or Plastic Strapping

- Portable dispenser for standard oscillated wound coils of steel strap 27/8" (70mm) wide and coils of plastic strap with 16" core and 3" or 6" face
- Strap guide, extra-large tool tray, and trolley brake
- Hand truck style for maneuverability

*1000H Extra Rugged Dispenser for Steel and Plastic Strapping

- Heavy duty dispenser with reinforced frame
- Accepts standard oscillated wound coils of steel strap 27/8" (70mm) wide and coils of plastic strap with 16" core and 3" or 6" face
- Extra-large tool tray with reinforced supports
- Hand truck style for maneuverability
- Heavy duty trolley brake and wheels for demanding environments

**Tools not included*

200-21 Ribbon Wound Steel Strapping Dispenser

- Heavy gauge welded steel frame with hardened steel 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



200-21



*1000P

*1000P 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*



100-7-G



100-9

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

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

100-9 Dual Ribbon Wound Coil Dispenser

- Holds two ribbon wound coils of 2" (52mm) strap
- Has foot-operated shear to cut two straps per stroke

Cutters



SLDS
Light duty,
for strapping up to
1 1/4" x .039
(38mm x 1mm)



SMDS - 1
Medium duty,
for strapping up to
2" x .035
(50.8mm x .88mm)



SMDS
Heavy duty,
for strapping up to
2" x .050
(50.8mm x 1.27mm)



SHDS
Heavy duty,
for strapping up to
1 1/4" 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	3 3/8" 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)

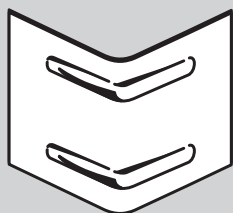
Fibre edge protector



CP-34-CR



Anti-skid plate



CP-114-CR



CP-114-PL



Staple

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

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 conveyerized) are available to suit a variety of needs. A powered pre-stretched film delivery system is available for most models.



Defender LP

This sturdy, low profile semi-automatic stretchwrapper is a bestseller for midsize wrapping operations where reliable packaging and an affordable price are essential to the bottom line.

Production Rate:	up to 40 loads per hour
Max. Load Size:	52"W x 52"W x 90"H
Max. Load Weight:	4000 pounds
Voltage:	115 VAC, 15 amp
Warranty:	3 year parts, lifetime on pre-stretch rollers
Shipping Weight:	1400 lbs



Defender HP

This high profile workhorse has been designed for challenging plant environments where debris from daily production can gather on the shop floor. The raised turntable ensures that the machine continues its output of 30-40 loads an hour without risk of problems from scrap material on the floor.

Production Rate:	up to 40 loads per hour
Max. Load Size:	52"W x 52"W x 80"H
Max. Load Weight:	4000 pounds
Voltage:	115 VAC, 15 amp
Warranty:	3 year parts, lifetime on pre-stretch rollers
Shipping Weight:	1000 lbs



Defender RT

The Defender RT rotary arm stretch wrapper has been designed for loads that would be difficult to wrap with a turntable machine. With its standard wrap heights of 84" and 96", the Defender RT can wrap extremely heavy or unstable loads directly on the floor.

Electrical Supply:	110/220, 20 amp
UL/CSA:	Approved components
Load Size:	50" x 50"
Load Heights:	20" to 80"
Load Weights:	Up to 4000 lbs
Production:	20-25 loads per hour (depending on configuration)

SRA 650

Full Automation makes this rotary arm wrapper ideal for conveyerized systems. With entry and exit conveyors, the product can be staged before the machine. The SRA 650 can be supplied as a stand-alone system or integrated with other equipment such as strappers and palletizers.



Electrical Supply:	220V, 1 phase, 20 amp
UL/CSA:	Approved components
Load Size:	50" x 50"
Load Heights:	20" to 80"
Load Weights:	Up to 4000lbs
Production:	40-60 loads per hour (depending on configuration)

Features and specifications subject to change without notice

OB-360 Automatic Paper Tape Strapping Machine		
Arch Size – (WxH)	16 1/2 x 8 1/4"	(420 x 210mm)
Width	22 1/2"	(570mm)
Height	19 1/4"	(488mm)
Depth	11 1/8"	(282mm)
Machine Weight	56 lbs	(25.5kg)
Table Height	9 1/4"	(237mm)
Package Size	Min – (WxH)	1 1/8 x 3 3/8"
	Max – (WxH)	16 1/2 x 8 1/4"
Tape (WxL)	1 1/8 x 623' 28oz (paper)	(30mm x 190m) 80g (paper)
	1 1/8 x 656-1214' 60-110µm (film)	(30mm x 20-370m) 60-110µm (film)
Tension	1-6.6 lbsf (adjustable)	5-30N (0.5-3kg) adjustable
Power Supply	110-200, 200-240V, 1 phase 50/60Hz	

Semi-Automatic Plastic Strapping Machines



P626/P726 Semi-Automatic Strapping Machine		
Strapping Speed	1.5 sec/strap	
Strap Width	1/4, 3/8, 1/2"	(6, 9, 12mm)
Tension	10-132 lbs	
Package Size	Min – (WxH)	2.5 x 1.25"
	Max – (WxH)	No limit
Package Weight	132 lbs (max)	
Power Supply	110V, single phase	
Machine Weight	220 lbs	
Shipping Weight	244 lbs	
Machine Size – (LxWxH)	35.2 x 22.3 x 28.7"	(894 x 566 x 729mm)



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)



P714 Semi-Automatic Strapping Machine		
Package Size	Min – (WxH)	4 x 1 x 5"
Package Weight	80 lbs (max)	
Tension	Electronic tension up to 88 lbs	
Strap Width	1/4, 3/8, 1/2, 5/8"	
Power Supply	110V, single phase	
Machine Size – (LxWxH)	30 3/4 x 21 1/2 x 30 1/2"	
Table Height	29 1/2"	
Machine Weight	110 lbs	
Shipping Weight	140 lbs	



Automatic Plastic Strapping Machines

P702-59



P702-59 Automatic Strapping Machine

Arch Size	Wide range available	
Package Size	Min – (WxH)	3 x 1"
	Max – (WxH)	Within arch size
Table Height	32 ¹ / ₄ -36 ¹ / ₄ "	
Tension	2-70 lbs	
Strapping Speed	Up to 65 cycles/min	
Strap Width	(5, 6, 9mm) Embossed or smooth	
Power Supply	110V, single phase	
Shipping Weight	450 lbs	
Machine Size – (WxLxH)	37 x 26 x 56" (For 21 x 15" Arch size)	

P702-12



P702-12 Automatic Strapping Machine

Arch Size	Wide range available	
Package Size	Min – (WxH)	3 x 1"
	Max – (WxH)	Within arch size
Table Height	32 ¹ / ₄ -36 ¹ / ₄ "	
Tension	2-100 lbs	
Strapping Speed	Up to 60 cycles/min	
Strap Width	(12mm) Embossed or smooth	
Power Supply	110V, single phase	
Shipping Weight	450 lbs	
Machine Size – (WxLxH)	47 x 26 x 56" (For 25 x 19" Arch size)	

P715



P715 Automatic Strapping Machine

Arch Size	Wide range available	
Package Size	Min – (WxH)	3.1 x 1"
	Max – (WxH)	Within arch size
Table Height	31 ¹ / ₄ "	
Tension	2-130 lbs	
Strapping Speed	Up to 70 cycles/min	
Strap Width	5mm, 6mm, 3/8", 1/2", 8 x 8", 9 x 8"	
Power Supply	110V (220, 230) single phase	
Machine Weight	375 lbs	
Shipping Weight	450 lbs	
Machine Size – (WxLxH)	49.3 x 24.5 x 55.25"	

P702S-9



P702S-9 Automatic Stainless Steel Strapping Machine

Arch Size	25 x 19" or 33 x 19"	
Package Size	Min – (WxH)	3 x 1"
	Max – (WxH)	Within arch size
Table Height	32 ¹ / ₄ -36 ¹ / ₄ "	
Tension	2-100 lbs	
Strapping Speed	Up to 60 cycles/min	
Strap Width	(12mm) Embossed or smooth	
Power Supply	110V, single phase	
Shipping Weight	450 lbs	
Machine Size – (WxLxH)	47 x 26 x 56" (For 25 x 19" Arch size)	

Automatic Plastic Strapping Machines

P702B Fully Automatic Conveyorized Strapping Machine

Arch Size	Wide range available	
Strapping Speed	Up to 40 pkg/min. Up to 65 cycles/min.	
Package Size	Min – (WxHxL)	4 x 1 x 5"
	Max – (WxH)	Within arch size
Maximum Package Weight	100 lbs	
Strap Width	(5, 6, 9, 12mm) 8x8 core	
Table Height	31.5-35.4" adjustable, optional 29.5-35.4" adjustable	
Tension	Up to 100 lbs	
Power Supply	110V, (220, 230) single phase, optional 220, 400V 3 phase	
Shipping Weight	575 lbs	
Machine Size – (WxLxH)	55 x 25.6 x 55" (For 25 x 19" Arch size)	



P715A Automatic Strapping Machine

Arch Size	Wide range available	
Package Size	Min – (WxH)	4 x 1"
	Max – (WxH)	Within arch size
Table Height	31 1/2"	
Tension	2-130 lbs	
Strapping Speed	Up to 70 cycles/min	
Strap Width	3/8, 1/2", 5, 8x8 or 9x8	
Power Supply	110V (220, 230) single phase	
Machine Weight	375 lbs	
Shipping Weight	450 lbs	
Machine Size – (WxLxH)	49.3 x 24.5 x 55.25"	



P702BPS Fully Automatic Conveyorized Stainless Steel Strapping Machine

Arch Size	Wide range available	
Strapping Speed	Up to 40 pkg/min. Up to 65 cycles/min.	
Package Size	Min – (WxHxL)	2 3/4 x 1 x 5"
	Max – (WxH)	Within arch size
Maximum Package Weight	100 lbs	
Strap Width	(5, 6, 9, 12mm) 8x8 core	
Table Height	31.5-35.4" adjustable, optional 29.5-35.4" adjustable	
Tension	Up to 100 lbs	
Power Supply	110V, (220, 230) single phase, optional 220, 400V 3 phase	
Shipping Weight	575 lbs	
Machine Size – (WxLxH)	55 x 25.6 x 55" (For 25 x 19" Arch size)	



Plastic Strapping Machines

P702RS-9



P702RS-9 Narrow Seal Strapping Machine

Arch Size	21 x 15"	
Package Size	Min – (WxH)	2 x 1"
	Max – (WxH)	Within arch size
Table Height	32 ¹ / ₄ -36 ¹ / ₄ "	
Tension	2-70 lbs	
Strapping Speed	Up to 65 cycles/min	
Strap Width	(5, 6, 9mm) Embossed or smooth	
Power Supply	110V, single phase	
Shipping Weight	450 lbs	
Machine Size – (WxLxH)	37 x 26 x 56" (For 21 x 15" Arch size)	

P702 Wide Arch



P702 Wide Arch Strapping Machine

Arch Size	Wide range available	
Package Size	Min – (WxH)	3 x 1"
	Max – (WxH)	49" and 64" wide arches are standard
Table Height	32 ¹ / ₄ -36 ¹ / ₄ "	
Tension	2-100 lbs	
Strapping Speed	Up to 60 cycles/min	
Strap Width	(12mm) Embossed or smooth	
Power Supply	110V, single phase	
Shipping Weight	450 lbs	
Machine Size – (WxLxH)	47 x 26 x 56" (For 25 x 19" Arch size)	

P715 Wide Arch



P715 Wide Arch Strapping Machine

Arch Sizes – (Width)	57" and 88" wide arches are standard	
Strapping Speed	Up to 70 cycles/min	
Strap Width	1/4, 3/8, 1/2"	(6, 7, 8, 9, 11, 12mm)
Tension	2-130 lbs	(1-59kg)
Package Size	Min – (WxH)	6 x 2" (152 x 51mm)
	Max – (WxH)	Within Arch Size
Power Supply	110V, Single Phase	
Table Height	31 ¹ / ₄ "	(800mm)
Conveyor	Rollers in table top	
Machine Weight	Varies By Arch Size	

P715Y



P715Y Side Seal Automatic Strapping Machine

Dimensions (WxHxD)	59 ¹ / ₈ x 67 ³ / ₄ x 24"	1500 x 1710 x 610mm
Machine Weight	396 lbs	180 kg
Arch Size (WxH)	20-63" x 25-73"	
Package Size	Min – (WxH)	1 ¹ / ₄ x 4" (30 x 100mm)
	Max – (WxH)	Within Arch Size
Strap Width	1/4, 3/8, 1/2"	(5, 6, 9, 12mm)
Tension	up to 130lbs	
Strapping Speed	up to 50 straps/min	
Power Supply	110V, 1phase 50/60Hz	

Fully Automated Machine Systems

The SBC-932 Fully Automatic Strapping System is ideal for bulk loads of containers. There are 4 compression choices available to provide the best package for your application. The SBC-932 features the fast and reliable VK-20 strapping head. The heavy duty heater knife has a cycle life in excess of 900,000 cycles, which insures strong consistent welds and low maintenance. Independent motors, which simplify maintenance and eliminate the need for multiple clutch assemblies drive the major functions of the VK-20 head.

SBC-932 Side Seal Strapping Machine

Electrical	460V, 3hp, 60hz
Air	80 psi
Strapping	Polyester
Strap Size	3/8"(9 mm) - 3/4"(19 mm)
Standard Package Size* Min	26" H, 40" W
Max	110" H, 60" W
Standard Conveyor Height*	9" up to 20"

*Alternative track sizes and conveyor heights are available.

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 structural steel to withstand a lifetime of use in demanding plant environments. The heavy steel platen and reinforced under conveyor supports allow high compression forces 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 3/8" to 1/2" 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	80" or 88"
Min. Load Height	10" or 18" (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 seamless 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

CD-12J Polyester Strapping Dispenser

The Samuel CD-12J 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.



CD-12SJ

CD-12SJ Jumbo Polyester Strapping Dispenser

The Samuel CD-12SJ Dispenser has been designed specifically for high output facilities that can benefit from our Super Jumbo polyester strapping coils. With coil lengths up to 20000 feet for $\frac{5}{8}$ x .040 and 17500 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

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.



HD-13

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.



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.

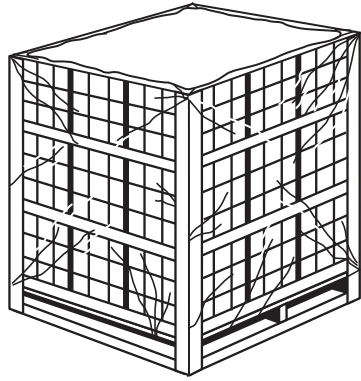
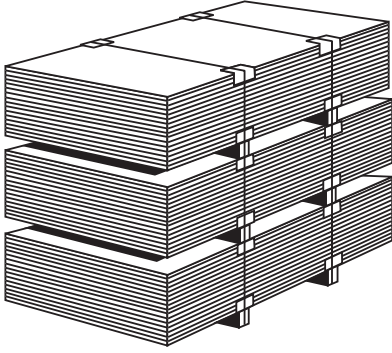
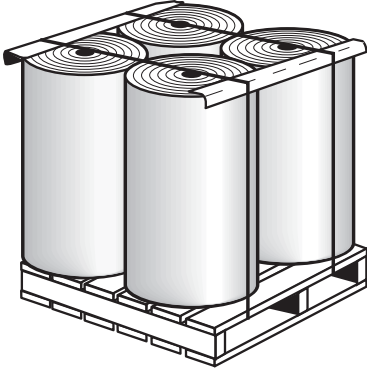
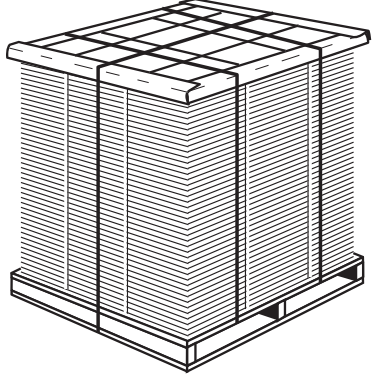
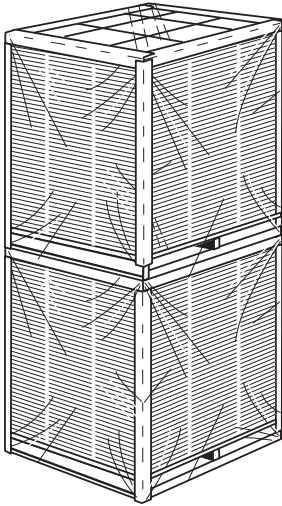
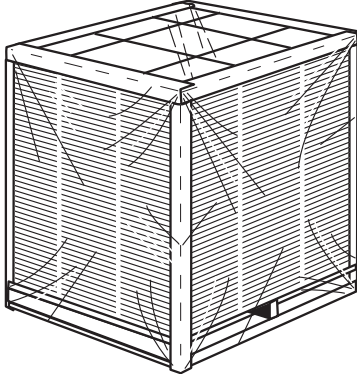
Edgeboard

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 2 1/2" (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.



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

U.S.A.

GEORGIA

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

ILLINOIS

U.S. Headquarters, Service Center, Tool Repair Center & Parts Depot

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

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