

MANUFACTURING STEEL STRAPPING IN CANADA



JEM Strapping Systems Inc.

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***"The people and products
to serve you better"***



Introducing:

JEM's New Line Of Steel And Plastic Strapping Tools

The New MT3, MT 4 battery tools , JEMSTS 32Plus4 Tool and /JEM-INCA-HT



Please inquire about a demonstration.

ABOUT US

JEM Strapping Systems is the only Canadian manufacturer of steel strapping, specializing in manufacturing steel strapping and distributing cargo containment supplies such as non-metallic strapping, all strapping seals, strap carts, all strapping tools, stretch wrap equipment and films, and most any product required for your cargo control needs.

PRODUCTS

At JEM we offer many of the world's most quality orientated strapping products, including quality tools, seals, dispensers and parts for most types of strapping tools.

SERVICES

We service and repair most any make or model of strapping tools in house. We stock a large selection of parts which allow for a rapid turnaround in most instances



PNEUMATIC TOOLS

JEM STPDN32 Sealer



Our JEM-STPDN32 Series tools are highly recommended 1.25" Double Up Notch Sealers. With a single press of the trigger, this tool creates 4 notches compared to the 2 that a single up notch sealer creates. This tool works on 1.25" x .023" to .035" steel strapping. The STPDN32 is a High Quality European made tool. Also available in 3/4" Double up notch seals JEM-STPDN19 3/4" .023" to .035"

JEM STTR19/32 Pneumatic Tensioner



The JEM-STTR19/32 can run 3/4" (19mm) up to 1.25" (32mm) Steel Strapping. This tool will work with Regular Duty and High Tensile strapping (HSE-HT) at thicknesses from .020" (.51mm) to .035" (.90mm). Maximum tension is 2023 lbs at 90 psi. (6.2bar). High Quality European made tool.

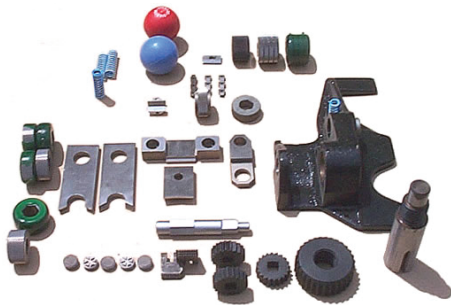
***REPLACEMENT PARTS AVAILABLE
ON ALL OF THESE TOOLS***

JEM STS32Plus4 Pneumatic Combination Tool



If you are looking at buying or replacing a pneumatic combination tool for steel strapping, then look no further than our JEM-STS32PLUS4 is a tool that operates at the lowest PSI rating of any pneumatic combination tool. If your facility has low air pressure, this tool will serve you well as it only requires a minimum of 65 PSI (4.5 bar) to function. This tool runs 1.25 (32mm) .020" (51mm) to .035" (.90mm). steel strapping.

TOOL REPAIR & SPARE PARTS

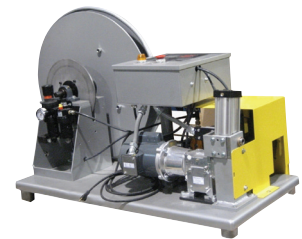


**WE REPAIR ALL JEMLINE TOOLS,
SIGNODE/ ACME, SIAT / MAILLISS,
FROMM, ORGAPACK, MIP
AND MANY MORE.**



The JEM-PNST Pneumatic Combination tool is a light weight, compact, and easy to use tool for steel strapping. It is designed to be use in medium duty industrial applications. The tool is available in multiple different configurations: The standard version is equipped with a push button configuration. It is also available, with a choke collar configuration. This tool is available in 4 strap sizes: 3/8" (10mm), 1/2" (13mm), 5/8" (16mm), and 3/4" (19mm). High Quality European made tool.

CUT TO LENGTH STRAP DISPENSER

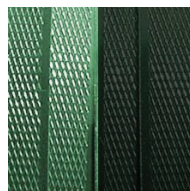


JEM44S Cut to Length Strap Dispenser - 21" W x 52" L x 48" H 390 Lbs. 80 PSI Single Phase 110V, 60HZ. Solid state control board. 3/8" - 2" HT steel strapping .015" - .050" thickness. Ribbon wound or Oscillated coils 16" ID x 28" OD (max) rate: 100' per minute. Strap length: 1" (inch) to 100' (feet). Quantity 1 - 999 pieces per cycle.

PLASTIC STRAPPING



POLYESTER STRAPPING
ALL SIZES ARE AVAILABLE



HR NYLON STRAPPING
ALL SIZES ARE AVAILABLE



POLYPROPYLENE STRAPPING
ALL SIZES ARE AVAILABLE



The MT3 Battery Friction Weld Tool is for HR Nylon, Polyester, and Polypropylene plastic strapping. It is a compact, versatile, and easy to use battery powered strapping tool. The MT3 can handle the following widths: 3/8" (9mm), 1/2" (12mm) to 5/8" (15.50mm) widths up to .040" (1.01mm) thickness. The MT3 can also be set up in a soft mode low tension (500N/112 lbs to 3200N/719lbs).
Included: 1 Tool, 1 Battery, 1 Charger
More Specifications:
Max. tension: 719. lbf. (4500 N)
Weight: 8.16 lbs./3.7 Kg (including battery)
Battery: SP4 14.4V - 4.0ah Li-ion Sanyo cells.



MT4 EXTREME BATTERY FRICTION WELD TOOL for HR Nylon, PET, and PP plastic strapping. Does 5/8" .040", 3/4" x .040", 3/4" x .050", to 1" x .040".
Included: 1 Tool, 1 Battery, 1 Charger

More Specifications:

- Max. tension: 1012. lbf. (4500 N)
- Weight: 8.82 lbs. / 4 Kg (including battery)
- Battery: SP5 18V - 5.0ah Li-Ion Sanyo cells



MT650 MAX BATTERY TOOL for HR Nylon, PET, and PP plastic strapping. Does 1" to 1-1/4" widths up to .051" thickness.
Included: 1 Tool, 1 Battery, 1 Charger


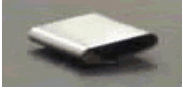
More Specifications




- Max. tension: 1,460 lbf. (6500 N)
- Max. tension speed: .656 in/sec.
- Joint type: friction weld seal
- Weight: 13.6 lbs (including battery)
- Akku Power SP7 36V - 5.0ah Li-Ion Sanyo cells.



SEALS FOR STRAPPING

JEM Strapping System

SEAL SPECIFICATION CHART

REGULAR-DUTY STEEL STRAPPING SEALS	JEM#	SEAL TYPE	SEAL WIDTH	SEAL LENGTH	SEAL GAUGE	WEIGHT PER 1000	PIECES PER CASE	CARTON PER SKID
	301	OPEN	3/8"	1 "	.020"	5.8	5000	* 36
	401	OPEN	1/2"	1"	.020"	6.8	2500	36
	501	OPEN	5/8"	1"	.020"	7.4	2500	36
	601	OPEN	3/4"	1"	.020"	9.6	2500	36
	303	PUSH-TYPE	3/8"	1"	.025"	6.2	5000	* 36
	403	PUSH-TYPE	1/2"	1"	.025"	10.2	2500	36
	503	PUSH-TYPE	5/8"	1"	.025"	12.2	2500	36
	603	PUSH-TYPE	3/4"	1"	.025"	14.2	5000	36

HEAVY-DUTY STEEL STRAPPING SEALS	JEM#	SEAL TYPE	SEAL WIDTH	SEAL LENGTH	SEAL GAUGE	WEIGHT PER 1000	PIECES PER CASE	CARTON PER SKID
	717	SEMI-OPEN	3/4"	1.75"	.035"	28	2000	36
	818	SEMI-OPEN	1 1/4"	2.1875"	.035"	56	1000	36
	703M	PUSH-TYPE	3/4"	1.75"	.035"	35	1500	36
	34HOC	PUSH-TYPE	3/4"	2.1875"	.035"	48	1000	36
	803	PUSH-TYPE	1 1/4"	2.1875"	.035"	69	1000	36
	802	THREAD ON	1 1/4"	2.1875"	.035"	59	1000	36
	902	THREAD ON	2"	2.93"	.045"	144	250	* 36
	203TO	THREAD ON	2"	4.45"	.045"	204	250	48

PLASTIC STRAPPING SEALS	JEM#	SEAL TYPE	SEAL WIDTH	SEAL LENGTH	SEAL GAUGE	WEIGHT PER 1000	PIECES PER CASE	CARTON PER SKID
	4020	SEMI-OPEN	1/2"	1.250"	.020"	11	2000	96
	5020	SEMI-OPEN	5/8"	1.250"	.020"	14	1000	64
	PET12	SERRATED	1/2"	1.250"	.030"	14	1000	150
	PET16	SERRATED	5/8"	1.250"	.038"	21	1000	100

* Also available in 5000 pcs/box. All JEM Strapping Seals are galvanized coated. *

[We can package seals most any quantity]

* Cold rolled seals are available upon requests.

ACCESSORIES



PEP34 & PEP114 - are plastic corner edge protectors.

PEP34 size: 3 3/4"

PEP114 Size: 1 1/4"



High Performance Stretch Wrap:

JEM High-Performance Film makes all other films obsolete by utilizing leading edge resins, JEM HP Film outperforms many of our competitor's films. We offer machine wrap and hand wrap film in all sizes. Please inquire.



Corner Edge Board Pieces - Are laminated paper edge board pieces, for all strapping size up to 2" wide. Many more sizes are available. Please inquire.

Corner Edge Board Lengths - Long lengths are available. Printed available. Please contact us.



JEM Strapping Systems is proud to represent the Phoenix Wrappers line which is a leader in the stretch wrappers. Phoenix manufacturers automatic stretch wrap machines, semi-automatic stretch wrap machines and custom stretch wrappers in North America. We offer a variety of top-quality pallet wrappers that allow for high-speed operations. With a complete line of pallet wrappers, from semi-automatic up to high-speed fully automatic wrapping machines, we'll help you find the right stretch wrapper for your unique applications. Contact your JEM representative for more information.

STEEL STRAP DISPENSERS



JEM109HD - Dual duty strap cart dispenser handles either plastic (6" x 16" core) or (3" x 16" core) for steel strapping 3/8"-3/4" oscillated only. Features heavy duty roller strap brake, 8" HD wheels, and tool tray. Also features an extra thick steel tube to prolong cart life.



JEM107HD Heavy duty strap cart. The JEM107 HD cart handles one coil of ribbon wound steel strapping. Many customers use this cart because of the heavy duty roller brake system and the large 10" tires. This cart can be used inside and outside due to the large tires. It features extra thick steel tubing to prolong cart life.



JEM115U Universal strap dispenser for indoor use. Handles steel or plastic 8"x8" core, 8"x9" core and 6"x16" core or 3"x16" core. This cart is for indoor, light duty use only. Features a friction brake.

MANUAL TENSIONERS



Feedwheel Tensioner

The FH54 is our most popular conventional feedwheel tensioner for flat products. It is well priced and offers excellent value to both light and medium duty users. It handles strapping widths to 3/4" and up to .023" thickness.



Feedwheel Tensioner

The FT34F-750 and JEMLINE-420 are our high quality feedwheel tensioner for flat products. FT34F-750 handles up to 3/4" wide and up to .025" HT. The JEMLINE-420 is our high quality feedwheel Tensioner for 3/4"-0.25" to 1 1/4" 0.35" HT
Quality North American Product.



Windlass Tensioner

The WT114 is heavy duty windlass/pigtail type tensioner. No other manual tensioner exerts the tensioning force of this product. Handles strapping sizes widths up to 1/4" to .035". WT2 for 2" strapping is also available. The WT2 will do 2" x .044" - .050" HT.
Quality North American Product.



Pusher Tensioner

The FTP34 is a quality feedwheel pusher type tool. This product has unlimited take-up and can be used to strap either flat or round products. Handles widths up to 3/4" and thickness to .023"
Quality North American Made Product.



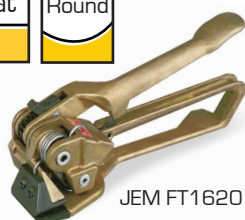
Pusher Tensioner

The RTUL114 is a heavy duty rocker type pusher tensioner. This product has unlimited take-up. It is typically used for round or flat packages. Handles 1/2" up to 1 1/4" wide x .031" HT max thick.
This is our most popular pusher tensioner.
Quality North American Made Product.



Pusher Tensioner

The P125 rack pusher tensioner, heavy duty, handles strapping sizes from 3/4" x .020" up to 1 1/4" x .035" HT. The P125 is typically used for round packages.
Quality North American Made Product.



JEM FT1620

The JEM FTP1620 is a heavy duty feedwheel push type Tensioner. The JEM FTP1620 has unlimited take-up and can be used to strap either flat or round products. This product handles strap sizes from 3/4"(19mm) by .020" (.51mm) - 1 1/4"(32mm) up to .031(.80mm) thickness. This tool is a high-quality USA made tool.



TP-34

The TP34 is a rack type pusher Tensioner. It handles widths from 1/2" (13mm) up to 5/8" (16mm) and up to .020(.51mm) thickness. This tool is recommended for light duty use only.

LIGHT DUTY STEEL STRAPPING SEALERS

Ø15" - .023" B



FDN12 - High quality double down notch sealer 1/2" up to .023".
FDN58 - High quality double down notch sealer 5/8" up to .023".
FDN34 - High quality double down notch sealer 3/4" up to .023".



High Quality American Made Tool



FSRN12 - High quality single reverse up notch sealer 1/2" up to .023".
FSRN58 - High quality single reverse up notch sealer 5/8" up to .023".
FSRN34 - High quality single reverse up notch sealer 3/4" up to .023".



High Quality American Made Tool

HEAVY DUTY STEEL STRAPPING SEALERS

Ø25" - .044" B



The SSN34 & SSN114 are high quality HD single down notch side action sealers for 3/4" or 1 1/4" strapping up to .035". This tool is used extensively in the lumber industry.

High Quality American Made Tool



The S34DRN & S114DRN are high quality HD double up notch side action sealers for 3/4" and 1 1/4" strapping up to .035". These sealers have the safety lock mechanism ensuring it performs a correct seal joint everytime.

High Quality American Made Tool



The S244C is high quality HD single crimp side action sealer for 2" x .044" dry strapping. It is to be used with 2" sand grit seals. The S244N is similar to the S244C but is to be used with 2" waxed strapping and non sand grit seals. The seal you would use is the 902 or the 203TO. The S244N is a heavy duty single notch side action sealer.

Both are High Quality American Made Tools

MANUAL COMBINATION TOOLS



The JEM160 manual sealless combination tool is our most popular sealless tool. It handles 1/2", 5/8", 3/4" widths and up to .023" Standard Duty strapping and up to .020" HT strapping. Adjust strap widths by changing strap guides. The JEM160 is a quality engineered product, small, lightweight, rugged, easy to service and maintain. It is an excellent value, very competitively priced and repair parts cost less.



The JEM325 is a premium quality manual sealless combination tool with a rating from .015" to .025" Hi Tensile. It is available in 1/2", 5/8" and 3/4" versions. This tool is a high quality product that will outperform other tools costing a lot more. Other heavier duty versions available, along with the ZL handle. Please inquire.

JEM331 - Same tool as JEM325, but for 0.25"-0.31" thickness of strap. Available in 3/4" versions.



The JEM390ZL Manual sealless steel strapping tool. Designed for 1 1/4" x .025" - .031" HT. It permits a very easy and efficient operation. This tool has the safety ZL reverse notch system. The only manual sealless tool on the market for 1 1/4" steel strapping.



The JEM-ECO is a low cost, high quality, easy to use European Made Sealless Combination Tool for Regular Duty Steel Strapping. This tool is designed to use in medium & light industrial applications. The JEM-ECO is packaged with strap guides for 1/2" (13 mm), 5/8" (16 mm), as well as 3/4" (19 mm) strapping.



The JEM-IMA-HT 16-19 is a user-friendly European made Sealless Combination Tool for High Tensile Steel Strapping. It is provided with a rugged construction for heavy duty applications. The JEM-IMA-HT 16-19 is packaged with strap guides for 5/8" (16 mm), and 3/4" (19 mm) strapping. All wearing parts are covered with titanium and this tool is equipped with a steel tensioning lever.

CUTTERS

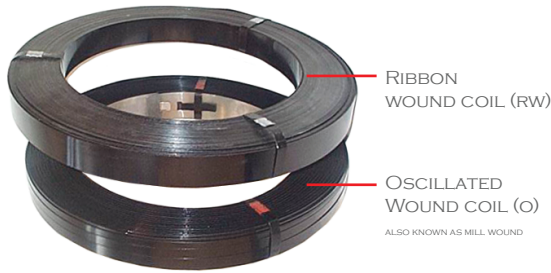


The JEM405 heavy duty cutter for up to 1 1/4" wide strapping and up to .035".



The JEM505 heavy duty cutter for up to 2" wide strapping up to .050". Especially good for extremely tight strapping. JEM505 features 20" long handles.

STEEL STRAPPING



AVAILABLE FINISHES

BLACK AND AMBER PAINTED

Painted strapping typically available in black, other colors are available. Hard baked on paint on both sides along with a wax coating. This is available in machine grade and value hand grade. Please inquire about cost savings of value grade. Other colors can be done, please inquire.

UNPAINTED

Unpainted steel strapping is an economical alternative to coated strapping. Has the same physical properties as coated strapping at less cost. Used where customers do not want painted strapping to affect a product or as a cost saving. Please inquire.

PRO ZINC SILVER & JEMFLEX

This product has superior anti-corrosive properties as compared to black paint and zinc epoxy coated strapping. Superior corrosion resistant products can be used in most strapping applications. Zinc Epoxy Strapping is also available.

JEMFlex "JFX" H.D. Galvanized steel strapping meets military specifications. It can also meet Hi Tensile characteristics of breaking strength and elongation.

JEMFLEX GALVANIZED STEEL STRAPPING

JEM CODE	IMPERIAL INCH	BREAK STRENGTH LBS	ELONGATION ON 6"	LENGTH FT./LB.	COIL WINDING	
					O	RW
JFX 2534	3/4" x .025	2700	5% - 10%	15.70'	X	
JFX 3134	3/4" x .031	3250	5% - 10%	12.70'	X	X
JFX 3534	3/4" x .035	3500	5% - 10%	12.00'	X	X
JFX 31114	1 1/4" x .031	5250	6.5% - 12%	07.60'		X
JFX 35114	1 1/4" x .035	5900	6.5% - 12%	06.72'		X
JFX 442	2" x .044	12200	6.5% - 12%	03.34'		X

ALL JEM REGULAR DUTY STEEL STRAPPING EXCEEDS ASTM SPECIFICATIONS AS DOES OUR HT AND HSE-HT STEEL STRAPPING. ALSO, OUR AAR NUMBER IS AAR24 WHICH IS STAMPED ONTO THE STRAP.

STEEL STRAPPING SPECIFICATIONS REGULAR DUTY / MACHINE GRADE STEEL STRAPPING

IMPERIAL INCH	THICK	BREAK STRENGTH LBS	ELONGATION ON 6"	LENGTH FT./LB.	COIL WINDING				FINISH						
					O	R.W.	J	P	Pz	U	V	A	B		
1/2"	.020"	1220	0.5% - 4%	29.40'	x			✓				X	X	X	
1/2"	.023"	1375	0.5% - 4%	25.60'	x			✓				X	X	X	
5/8"	.015"	1180	0.5% - 4%	31.40'	x			✓				X	X	X	
5/8"	.018"	1330	0.5% - 4%	26.08'	x			✓				X	X	X	
5/8"	.020"	1500	0.5% - 4%	23.60'	x		x	✓				X	X	X	
5/8"	.023"	1720	0.5% - 4%	20.50'	x		x	✓				X	X	X	
3/4"	.015"	1420	0.5% - 4%	26.20'	x			✓				X	X	X	
3/4"	.018"	1600	0.5% - 4%	21.74'	x		x	✓				X	X	X	
3/4"	.020"	1810	0.5% - 4%	19.60'	x		x	✓	X			X	X	X	
3/4"	.023"	2050	0.5% - 4%	17.10'	x			✓	X			X	X	X	
3/4"	.028"	2415	0.5% - 4%	14.00'	X			✓				X	X	X	

NORMAL HIGH TENSILE STEEL STRAPPING

IMPERIAL INCH	THICK	BREAK STRENGTH LBS	ELONGATION ON 6"	LENGTH FT./LB.	COIL WINDING			FINISH			
					O	RW	J	P	ZE		
1/2"	.020"	1430	5% - 10%	29.40'	X			✓		X	
5/8"	.020"	1785	5% - 10%	23.60'	x			✓			
5/8"	.023"	2000	5% - 10%	20.50'	x			✓			
3/4"	.020"	2100	5% - 10%	19.60'	x			✓			
3/4"	.023"	2450	5% - 10%	17.10'	x			✓			
3/4"	.025"	2700	5% - 10%	15.70'	x			✓		X	
3/4"	.029"	3125	5% - 10%	13.50'	x			✓		X	
3/4"	.031"	3250	5% - 10%	12.70'	x			✓			
1 1/4"	.025"	4460	5% - 10%	09.41'		RW		✓			
1 1/4"	.029"	5275	6.5% - 12%	08.11'		RW		✓		X	
1 1/4"	.031"	5450	6.5% - 12%	07.60'		RW		✓			
1 1/4"	.035"	5800	6.5% - 12%	06.72'		RW		✓			
2.0"	.044"	12200	6.5% - 12%	03.34'		RW		✓			

HIGH STRENGTH EXTRA HT (HSE -HT)

IMPERIAL INCH	THICK	BREAK STRENGTH LBS	ELONGATION	LENGTH FT./LB.	COIL WINDING		FINISH			
					⓪	RW	J	P	ZE	
1/2"	.020"	1750	5% - 12%	29.40'	X			✓		X
1/2"	.023"	2015	5% - 12%	29.40'	x			✓		
5/8"	.020"	2188	5% - 12%	23.60'	x			✓		
5/8"	.023"	2515	5% - 12%	20.50'	x			✓		
3/4"	.020"	2625	5% - 12%	19.60'	x			✓		
3/4"	.024"	3175	5% - 12%	16.34'	x			✓		X
3/4"	.029"	3800	5% - 12%	13.50'	x			✓		
3/4"	.031"	4068	5% - 12%	12.70'	x			✓		X
1 1/4"	.024"	5240	6.5% - 12%	09.81'		RW		✓		
1 1/4"	.029"	6375	6.5% - 12%	08.11'		RW		✓		X

Notes: O means Oscillated. All Oscillated coils average 100 lb. (45 kg)

Notes: RW means Ribbon Wound. 1 1/4" & 2" ribbon wound average 110 lb. (50 kg)

Notes: All 3/4" ribbon wound average 80 lb. (36 kg)

Notes: A = Amber B = Blued P = Painted. Pz = Pro Zinc. U = Unpainted. V = Value.

Notes: ZE = Zinc Epoxy.

Notes: JFX = JEMFLEX.

Notes: J = Jumbo Coils. 300 lb, 500 lb, 1000lb and 2000 lb. Please call for availability.

Notes: All JEM steel strapping exceeds ASTM specifications. JEM HT strapping is AAR stamped.