

STEEL ACCESSORIES

DISPENSERS



SD-15

SD-62

SD-15

HEAVY DUTY STEEL DISPENSER

- PORTABLE
- CORE ID (16" ONLY)
- CORE WIDTH RANGE UP TO 6"
- BIG 8" WHEELS
- TOP BIN STORES SEALS AND TOOLS
- REEL BRAKE

SD-62

HEAVY DUTY RIBBON WOUND STEEL STRAP DISPENSER

- PORTABLE
- CORE ID (16" ONLY)
- CORE WIDTH RANGE UP TO 2"
- BIG 10" WHEELS
- TOP BIN STORES SEALS AND TOOLS
- REEL BRAKE

COUNTERBALANCER



PRODUCT CODE: 400-0105 • WEIGHT: 7 LBS.

This counterbalancer will support the weight of heavier tools at the preferred working level, therefore making the tool lighter to handle and operate. The counterbalancer should be suspended from a safe overhead structure.

** For tools up to 13 lbs.*

PRODUCT CODE: 400-0237

** For tools up to 24 lbs.*

CUTTERS



A

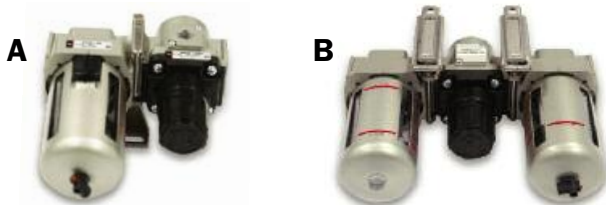
B

C

MANUAL CUTTERS

CODE	PICTURE	STRAP SIZE
SC-100	A	3/8" - 3/4" - Regular Duty — High Tensile
SC-200	B	3/8" - 1-1/4" x .031 - Regular Duty — High Tensile
SC-300	C	up to 2" x .044 - Regular Duty — High Tensile

FILTER LUBRICATOR



A

B

LUBRICATORS

PRODUCT DESCRIPTION	CODE	WEIGHT
A FILTER REGULATOR	200-0007	6 lbs.
B FILTER REGULATOR LUBRICATOR	200-0025	8 lbs.

TOOL PARTS & REPAIR

SALES & SERVICE: 800-899-2680

Polychem's customer commitment does not end with the purchase of the packaging systems equipment. The Equipment Group at Polychem performs tool repairs and maintains a large inventory of spare and replacement parts. Our Equipment Group can also supervise the installation of all systems and provide on-site operator and maintenance training. We offer machine maintenance contracts through regularly scheduled visits and have a field service staff for fast emergency service.



POLYCHEM STEEL STRAPPING

- MACHINE GRADE
- PAINTED AND WAXED
- COMES IN WAX IMPREGNATED SHROUDS



POLYCHEM[®]
CORPORATION

6-1-07

6277 HEISLEY ROAD
MENTOR, OHIO 44060
440 357 1500
FAX **440 352 9553**
1 800 548 9557

WEST COAST DISTRIBUTION CENTER
11920 ALTAMAR PLACE
SANTA FE SPRINGS, CA 90670
562 903 4576
FAX **562 903 4579**
1 800 899 0822



POLYCHEM[®]

PLASTIC STRAPPING SYSTEMS

Plastic & Steel Strapping Tools

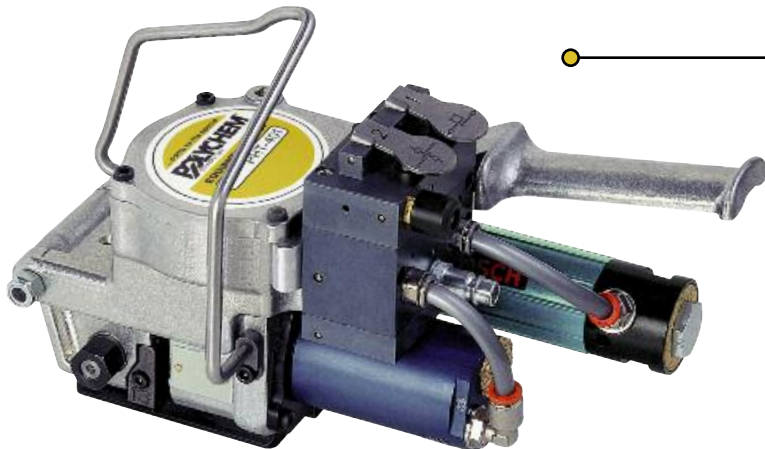


PLASTIC TOOLS

PHT SERIES

PNEUMATIC FRICTION WELD TOOLS

The Polychem PHT Series pneumatic operated friction weld tools are the ultimate in design and function. The lightweight, compact modular tools offer one handed operation, and can pull up to 1250 pounds of tension. The PHT tools operate with both polypropylene and polyester plastic strapping from 7/16" to 3/4" wide and up to .055" thick.

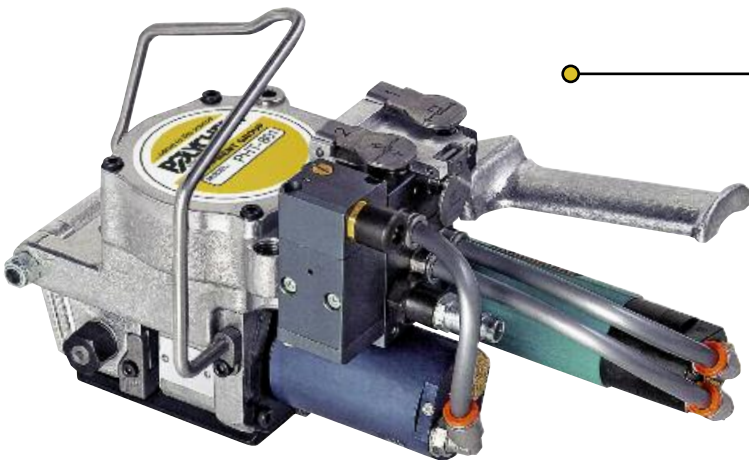


PHT-401

PHT-401 Pneumatic Strapping Tool

FOR STRAP FRICTION WELD SEAL (FLAT OR ROUND SURFACES)

LENGTH	11"
WIDTH	6"
TOTAL HEIGHT	6.9"
WEIGHT	10.8 lbs.
PRESSURE RANGE	5.0 - 7 bar/70 - 99 psi
PRESSURE CONSUMPTION	14 L/s - 29 cuft/min
MAX. TENSION FORCE	450 lbs.
TENSIONING SPEED	11 m/min
STRAP SIZE	7/16", 1/2", 5/8"
THICKNESS	.020" - .047"

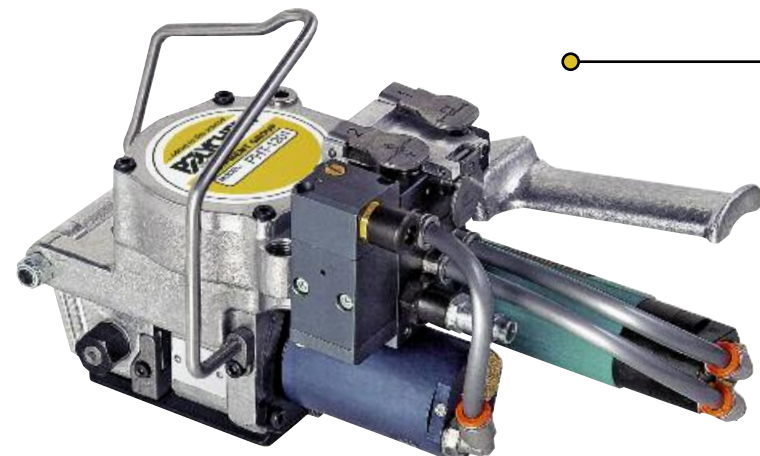


PHT-801

PHT-801 Pneumatic Strapping Tool

FOR STRAP FRICTION WELD SEAL (FLAT OR ROUND SURFACES)

LENGTH	11.8"
WIDTH	6"
TOTAL HEIGHT	6.9"
WEIGHT	11.2 lbs.
PRESSURE RANGE	5.0 - 7 bar/70 - 99 psi
PRESSURE CONSUMPTION	14 L/s - 29 cuft/min
MAX. TENSION FORCE	850 lbs.
TENSIONING SPEED	9 m/min
STRAP SIZE	1/2", 5/8", 3/4"
THICKNESS	.028" - .055"



PHT-1201

PHT-1201 Pneumatic Strapping Tool

FOR STRAP FRICTION WELD SEAL (FLAT OR ROUND SURFACES)

LENGTH	11.8"
WIDTH	6"
TOTAL HEIGHT	6.9"
WEIGHT	11.2 lbs.
PRESSURE RANGE	5.0 - 7 bar/70 - 99 psi
PRESSURE CONSUMPTION	14 L/s - 29 cuft/min
MAX. TENSION FORCE	1250 lbs.
TENSIONING SPEED	9 m/min
STRAP SIZE	5/8", 3/4"
THICKNESS	.040" - .055"

STEEL PNEUMATIC SEALLESS TOOLS

SP PNEUMATIC SEALLESS STEEL POWER TOOLS

Coming
Soon



SP-4600
For Flat Packages

SP-4600 Steel strapping tool for 1/2" (13mm) Regular Duty and High Tensile steel up to .025" thickness. Tensions, seals and cuts strap. Seals the strap without the additional cost of seals. The tool makes a die cut joint to provide the seal. Pulls tension up to 675 lbs. Tool weighs approximately 13 lbs.

SP-4600 Sealless Steel Strapping Tool

FOR DIE CUT JOINT SEAL (FLAT PACKAGES)

LENGTH	13 1/2"
WIDTH	6"
TOTAL HEIGHT	7 1/2"
WEIGHT	13 lbs.
PRESSURE CONSUMPTION	14L/s - 29cuft/min
MAX. TENSION FORCE	675 lbs.
STRAP SIZE	1/2"
THICKNESS	Up to .025"



Sealless Seal



SP-7116
SP-7119
For Flat Packages

SP-7116, SP-7119 Steel strapping tools for 5/8" or 3/4" (16 or 19mm) steel. Tensions, seals and cuts Regular Duty and High Tensile strap up to .035" thick. Seals the strap without the additional cost of seals. The tool punches through the strap in an interlocking fashion to provide the seal. Pulls tension up to 900 lbs. Tool weighs approximately 15.5 lbs.

SP-7116, SP-7119 Sealless Steel Strapping Tools

DIE CUT JOINT SEAL (FLAT)	SP-7116	SP-7119
LENGTH	13 1/2"	13 1/2"
WIDTH	6"	6"
TOTAL HEIGHT	7 1/2"	7 1/2"
WEIGHT	15.5 lbs.	15.5 lbs.
PRESSURE CONSUMPTION	14 L/s - 29 cuft/min	14 L/s - 29 cuft/min
STRAP SIZE	5/8"	3/4"
THICKNESS	.025 - .035	.025 - .035



Sealless Seal

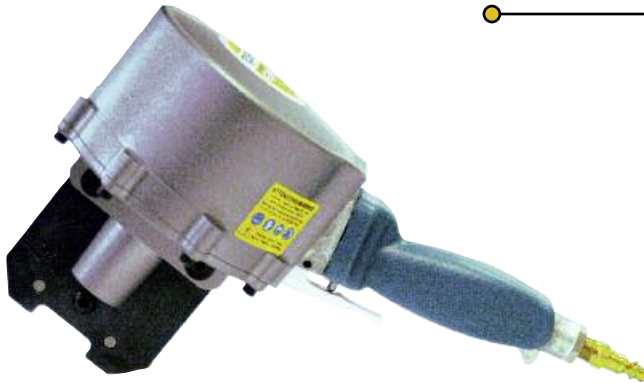
STEEL PNEUMATIC SEALER & TENSIONER MANUAL SEALLESS

SP PNEUMATIC AND SM MANUAL TOOLS

These Polychem SP pneumatic tools work together to pull tension up to 1575 lbs. and provide single notch seals for both 3/4" and 1 1/4" steel strapping. Polychem's SM-3000 tool is manually operated and generates a sealless seal.

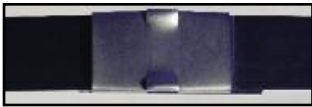


SP-6119 and SP-6132 are used for sealing steel strap seals of 3/4" and 1 1/4". Used in conjunction with SP-3100. Tool weighs approximately 6.5 lbs.



SP-6119, SP-6132 Pneumatic Sealer

FOR SINGLE NOTCH SEAL	SP-6119	SP-6132
LENGTH	12.6"	12.6"
WIDTH	5.5"	5.5"
TOTAL HEIGHT	7"	7"
WEIGHT	6.5 lbs.	6.5 lbs.
TYPE	Push	Push
PRESSURE CONSUMPTION	14 L/s - 29 cuft/min	14 L/s - 29 cuft/min
SEAL	Various	Various
STRAP SIZE	3/4"	1-1/4"
THICKNESS	RD .024 - .039 HT .025 - .031	RD .024 - .039 HT .025 - .031
NOTCH	Single	Single



Single Notch Seal

SP-3100 Pneumatic steel push type tensioning tool for use in conjunction with the SP-6119 and SP-6132. Can be used to tension 3/4", and 1-1/4" strap up to .043". Will pull tension of 1575 lbs. Tool weighs approximately 8.75 lbs.

SP-3100 Push Type - Tensioner

IRREGULAR OR ROUND SURFACES	
LENGTH	13.5"
WIDTH	4.5"
TOTAL HEIGHT	3.5"
WEIGHT	8.75 lbs.
PRESSURE RANGE	5.0 - 7 bar/70 - 99 psi
PRESSURE CONSUMPTION	14 L/s - 29 cuft/min
MAX. TENSION FORCE	1575 lbs.
TENSIONING SPEED	9 m/min
STRAP SIZE	3/4" - 1 1/4"
THICKNESS	.024" - .043"

SM-3000 provides a sealless seal for steel strapping 1/2", 5/8" and 3/4". Tool weighs approximately 9.7 lbs.

SM-3000 Sealless Steel Manual Tool

MUST SPECIFY STRAP SIZE (1/2", 5/8", OR 3/4")	
LENGTH	13.8"
WIDTH	5.5"
TOTAL HEIGHT	10.2"
WEIGHT	9.7 lbs.
PRESSURE RANGE	N/A
PRESSURE CONSUMPTION	N/A
MAX. TENSION FORCE	1200 lbs.
GEAR RATIO	1:18
SEALING	SEALLESS
THICKNESS	RD: .018" - .028" • HT: .018" - .025"



Sealless Seal

PLASTIC TOOLS B SERIES

BATTERY POWERED FRICTION WELD TOOLS



B SERIES

BATTERY OPERATED FRICTION WELD TOOLS

The Polychem B Series battery operated friction weld tools are "state-of-the-art", ergonomically designed. The new B Series are shorter in length, lighter in weight, and better balanced for easier operation. The Polychem B Series tools can pull up to 800 pounds of tension and operate with both polypropylene and polyester plastic strapping 7/16" to 3/4" wide up to .040 thick.



B-400 Friction Weld Tool

LENGTH	11.4"
WIDTH	5.5"
TOTAL HEIGHT	6.5"
WEIGHT	7.9 lbs.
BATTERY	14.8V-2 A/H LI-PO
MAX. TENSION FORCE	450 lbs.
TENSIONING SPEED	9m/min
SEALING	VIBRATION
JOINT STRENGTH	80% OF BREAKING
STRAP	7/16" - 5/8"
THICKNESS	.020" - .040"

B-800 Friction Weld Tool

LENGTH	11.4"
WIDTH	5.5"
TOTAL HEIGHT	6.5"
WEIGHT	9 lbs.
BATTERY	14.8V-2 A/H LI-PO
MAX. TENSION FORCE	800 lbs.
TENSIONING SPEED	9m/min
SEALING	VIBRATION
JOINT STRENGTH	80% OF BREAKING
STRAP	1/2" - 3/4"
THICKNESS	.020" - .040"

ACCESSORIES

for Plastic Tools



POLYESTER STRAPPING

- FOR HEAVY DUTY USE
- NON-CORROSIVE
- SAFER TO USE THAN STEEL



POLYPROPYLENE STRAPPING

- SPLIT RESISTANT
- FLEXIBLE—LOW COST
- VARIETY OF BREAK STRENGTHS

FILTER LUBRICATOR



B



LUBRICATORS

PRODUCT DESCRIPTION	CODE	WEIGHT
A FILTER REGULATOR	200-0007	6 lbs.
B FILTER REGULATOR LUBRICATOR	200-0025	8 lbs.

BATTERY OPERATED TOOL POWER SUPPLIES



BATTERY CHARGER

PRODUCT CODE

400 CHG

POWER SUPPLY

60 Hz 80W

OUTPUT

16V 5A



BATTERY

PRODUCT CODE

B400BAT

TYPE

LITHIUM

OUTPUT

14.8V 2AH

CUTTER



MANUAL CUTTER

PRODUCT CODE

SC-100

STRAP SIZE

3/8" - 3/4"

COUNTERBALANCER



PRODUCT CODE: 400-0105
WEIGHT: 7 LBS.

This counterbalancer will support the weight of heavier tools at the preferred working level, therefore making the tool lighter to handle and operate. The counterbalancer should be suspended from a safe overhead structure.

* For tools up to 13 lbs.

DISPENSERS



SD-15

DS-100

SD-15

HEAVY DUTY POLYESTER DISPENSER

- PORTABLE
- CORE ID (16" ONLY)
- CORE WIDTH RANGE UP TO 6"
- BIG 8" WHEELS
- TOP BIN STORES SEALS AND TOOLS
- REEL BRAKE

DS-100

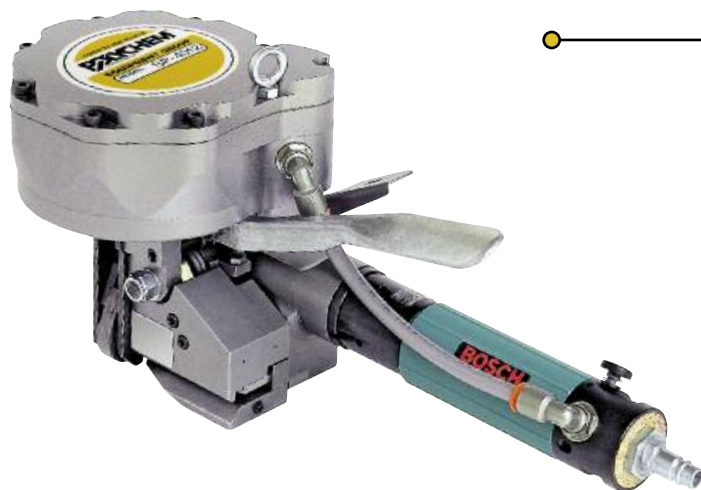
ADJUSTABLE PLASTIC STRAPPING DISPENSER

- PORTABLE
- ACCEPTS 8" OR 16" DIAMETER CORES
- ACCEPTS 3", 6" OR 8" FACE WIDTHS
- STORES SEALS AND TOOLS
- REEL BRAKE

STEEL PNEUMATIC COMBINATION TOOLS

SP PNEUMATIC POWER TOOLS (UTILIZING METAL SEALS)

Polychem offers two models of pneumatic combination steel strapping tools. The Polychem SP pneumatic tools pull up to 2000 lbs. of tension, work with steel strap from 1/2" to 1 1/4", and operate with push type metal seals. The SP-4000 series produces a single notch seal and the SP-4100 series produces a double notch seal.



SP-4000 SERIES Pneumatic Strapping Tool

FOR STEEL STRAP WITH SEAL (FLAT OR ROUND SURFACES)

LENGTH	13.8"
WIDTH	5.5"
TOTAL HEIGHT	6.7"
WEIGHT	8.8 lbs.
PRESSURE RANGE	5.5 - 7 bar/78 - 99 psi
PRESSURE CONSUMPTION	12 L/s - 25 cuft/min
MAX. TENSION FORCE	670 - 1000 lbs.
TENSIONING SPEED	7 m/min
SEALING	SEAL SINGLE NOTCH
THICKNESS	RD: .016" - .031" • HD: .016" - .025"



PRODUCT	SIZE	SEAL	TYPE	LENGTH	GAUGE	NOTCH
SP4012	1/2"	SS12P	PUSH	1.00	.025	SINGLE
SP4016	5/8"	SS58P	PUSH	1.00	.025	SINGLE
SP4019	3/4"	SS34P	PUSH	1.00	.025	SINGLE



SP-4100 SERIES Pneumatic Strapping Tool

FOR STEEL STRAP WITH SEAL (FLAT OR ROUND SURFACES)

LENGTH	16.9"
WIDTH	10.2"
TOTAL HEIGHT	12.2"
WEIGHT	22.6 lbs.
PRESSURE RANGE	5.5 - 7 bar/78 - 99 psi
PRESSURE CONSUMPTION	12 L/s - 25 cuft/min
MAX. TENSION FORCE	1200 - 2000 lbs.
TENSIONING SPEED	6 m/min
SEALING	SEAL DOUBLE NOTCH
THICKNESS	RD: .024" - .039" • HT: .025" - .031"



PRODUCT	SIZE	SEAL	TYPE	LENGTH	GAUGE	NOTCH
SP4119	3/4"	SS34SPHGD	PUSH	1.75	.035	DOUBLE
SP4132	1 1/4"	SS114P	PUSH	2.187	.035	DOUBLE

SEAL/TOOL GRID

TOOL	PRODUCT #	SIZE	SEAL	TYPE	LENGTH	GAUGE	NOTCH
	SP4012	1/2"	SS12P	PUSH	1.00	.025	SINGLE
	SP4016	5/8"	SS58P	PUSH	1.00	.025	SINGLE
	SP4019	3/4"	SS34P	PUSH	1.00	.025	SINGLE
	SP4119	3/4"	SS34SPHGD	PUSH	1.75	.035	DOUBLE
	SP4132	1-1/4"	SS114P	PUSH	2.187	.035	DOUBLE
	SP6119	3/4"	Various	PUSH	1" +	.025 - .035	SINGLE
	SP6132	1-1/4"	Various	PUSH	1" +	.025 - .035	SINGLE
	SP3100	3/4" - 1-1/4"	3/4" - 1-1/4"	PUSH	Various	Various	-