

Steel Strapping Tools Catalogue





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Steel Battery tools

Portable battery powered tools for tensioning and sealing operations for heavy and extremely heavy loads. Easy to use and powerful they are the reliable option for your business.




	ELECTRA™ M Series Tensioner	ELECTRA™ M Series Sealer	ELECTRA™ STT Tensioner (for EN 13247)*	ELECTRA™ STDC Sealer (for EN 13247)*
Machine code	C104.990.160Z	C143.190.050Z (19 mm) C143.250.050Z (25 mm) C143.320.020Z (32 mm)	C104.990.150Z	C142.320.080Z
Steel strapping type	Low Tensile / Medium Tensile / High tensile strength strap		Tensional Steel Strap as per EN13247	
Strap width	19 mm - 25 mm - 32 mm (3/4" - 1" - 1" 1/4)	19 mm - 25 mm - 32 mm (3/4" - 1" - 1" 1/4)	32 mm (1" 1/4)	32 mm (1" 1/4)
Strap thickness	0.60 mm - 1 mm (0.02" - 0.03")	1.0 mm (0.040") Standard 0.8 mm (0.031") High Tensile	1.12 - 1.27 mm (0.044 - 0.05")	1.12 - 1.27 mm (0.044 - 0.05")
Strapping tension	Up to 7500 N	-	Adjustable from 1000 to 12000 N	-
Max. tension speed	3 mt/min (10 ft/min)	-	5.7 mt/min (18.7 ft/min)	-
Weight around	~ 5 Kg. (11 lb) with battery installed	~ 5,3 Kg. (11.6 lb) with battery installed	~ 5,5 Kg. (12 lb) with battery installed	~ 9,3 Kg. (20.5 lb) with battery installed
Join type	-	Notching, double notch 	-	Crimping, double crimp 
Seal type	-	Overlap	-	Open
Dimension (L x H x W)	490x134x165 mm 19.2x5.03x6.5"	515x85x320 mm 20.3x3.3x12.6"	450x134x159 mm 17.7x5.3x6.3"	515x85x320 mm 20.3x3.3x12.6"
Tensioning/Sealing button	Progressive button	Progressive button	Progressive button	Progressive button
Strap release	By reverse motion	-	By reverse motion	-
Battery charger	C521009930Z	C521009930Z	C521013120Z	C521013120Z
Additional battery	C52101370Z Lithium-ion battery	C521012470Z Lithium-ion battery	C521013110Z Lithium-ion battery	C521013110Z Lithium-ion battery
N. of cycles per charge	200	200	200	200

*For lashing applications (lifting, anchoring and securing extremely heavy loads)

Steel Pneumatic tools (combined cycle)

Combined tools for tensioning and sealing operations. Powered by compressed air are easy to adjust and operate.



	STS 25&32 PLUS 4 (2 buttons) With seal Double notch	STSR 19-25-32 (3 buttons) With seal Double notch	ST 10-13-16-19 With seal Single notch	INCA 16-19 HT Sealless
Machine code	C133.190.130Z (19 mm) C133.250.130Z (25 mm) C133.320.130Z (32 mm)	C102.190.130Z (19 mm) C102.250.130Z (25 mm) C102.320.130Z (32 mm)	C101.130.410Z (13mm 3.000N) C101.160.510Z (16mm 4.500N) C101.190.510Z (19mm 4.500N)	C113.160.510Z(16mm 5.500N) C113.190.510Z (19mm 5.500N)
Strap width	25 mm - 32 mm (1" - 1 1/4")	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")	10 - 13 - 16 - 19 mm (3/8" - 1/2" - 5/8" - 3/4")	13 - 16 - 19 mm (1/2" - 5/8" - 3/4")
Strap thickness & Breaking load	0.6 mm - 1 mm (Rmax. 800 N/mm ²) max. 0.8 mm at 4.5 bar - 0.6 mm - 1 mm (Rmax. 950 N/mm ²) max 0.9 mm at 6.3 bar	0.6 mm - 1 mm (Rmax. 800 N/mm ²) - 0.63 mm a 0.8 mm (Rmax. 950 N/mm ²)	0.4 mm - 0.8 mm (Rmax. 800 N/mm ²) - 0.4 mm - 0.63 mm (Rmax. 950 N/mm ²)	0.4 mm - 0.63 mm (Rmax. 950N/mm ²)
Strapping tension	9000N	9.000N	3.000N - 4.500N	5.500N
Max. tension speed	6 mt/min.	6 mt/min.	7 - 5 mt/min	5 mt/min
Weight around	~ 10.8 Kg. (23 lb)	~ 10 Kg. (22 lb)	~ 4 Kg. (8.8 lb)	~ 9 Kg. (19.8 lb)
Join type	Notching, double notch (L. min: 45 mm) 	Notching, double notch (L. min: 45 mm) 	Notching, single notch (L. min: 22 mm) 	Notching, sealless 
Seal type	Overlap	Overlap	Overlap	-
Dimension (L x H x W)	185x305x435 mm 7.3x12x17"	180x430x305mm 7.0x16.9x12"	130x370x160 mm 5.1x14.5x6.2"	185x360x270 mm 7.3x14.1x10.6"
Air pressure	4.5 - 7 bar max	6 - 7 bar max	6 - 7 bar max	6 - 7 bar max
Air consumption	12 l/s	12 l/s	12 l/s	12 l/s
Strap release	Button	Button	Lever	Lever

Steel Pneumatic tools (single cycle)

Single operation tools for tensioning and sealing operations. Powered by compressed air are easy to operate and ergonomic for a comfortable use.






	STTR 19-25-32 Tensioner With seal	STTR-R 19-25-32 Tensioner With seal Reverse function	STP-DN 19-25-32 Sealer With seal Double notch	STP 19-25-32 Sealer, With seal Single notch
Machine code	C104.990.110Z (button) C104.990.120Z (choke collar)	C104.990.130Z	C140.190.050Z (19 mm) C140.250.050Z (25 mm) C140.320.050Z (32 mm)	C103.190.050Z (19mm) C103.250.050Z (25mm) C103.320.050Z (32mm)
Strap width	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")
Strap thickness & Breaking load	0.6 mm - 1.1 mm	0.8 - 1.0 mm	0.6 mm - 1 mm (Rmax. 800 N/mm ²) - 0.63 mm a 0.8 mm (Rmax. 950 N/mm ²)	0.6 mm - 1 mm (Rmax. 800 N/mm ²) - 0.63 mm a 0.8 mm (Rmax. 950N/mm ²)
Strapping tension	9000N	9000N	-	-
Max. tension speed	6 mt/min.	4 mt/min.	-	-
Weight around	~ 4.2 Kg. (9.2 lb)	~ 3.6 Kg. (7.9 lb)	~ 5 Kg. (11 lb)	~ 3.8 Kg. (8.3 lb)
Join type	-	-	Notching, double notch (L. min: 45 mm) 	Notching, Single notch (L. min: 45 mm) 
Seal type	Overlap	Overlap	Overlap	Overlap
Dimension (L x H x W)	115x340x120 mm 4.5x13.3x4.7"	420x150x120 mm 16.5x5.9x4.7"	195x420x230 mm 7.6x16.5x9.0"	105x240x90 mm 4.1x9.4x3.5"
Air pressure	6 - 7 bar max	6 - 7 bar max	6 - 7 bar max	6 - 7 bar max
Air consumption	12 l/s	12 l/s	6 l/s	3 l/s
Tensioning/Sealing button	To be used with STP/STP-DN/STPM/SDN	To be used with STP/STP-DN/STPM/SDN	-	-
Strap release	-	By reverse motion	-	-

Steel Manual tools

Combined tools for tensioning and sealing operations without seal. Compact, light and easy to use; for an efficient seal with a low force to operate.





	IMA HT 13-16-19 Interlocking Strapping tool Sealless	IMA 13-16-19 Interlocking Strapping tool Sealless	ECO 13-16-19 Interlocking Strapping tool Sealless
Machine code	C128.160.040Z	C116.160.040Z	C114.160.040Z
Strap width	13 - 16 - 19 mm (1/2" - 5/8" - 3/4")	13 - 16 - 19 mm (1/2" - 5/8" - 3/4")	13 - 16 - 19 mm (1/2" - 5/8" - 3/4")
Strap thickness & Breaking load	0.4 mm - 0.8* mm (Rmax. 800 N/mm ²) (*opt.) - 0.4 mm - 0.63 mm (Rmax. 950 N/mm ²)	0.45 mm - 0.7 mm (Rmax. 800 N/mm ²) - 0.45 mm a 0.6 mm (Rmax. 950 N/mm ²)	0.45 mm - 0.6 mm
Strapping tension	Manual	Manual	Manual
Max. tension speed	-	-	-
Weight around	~ 4.6 Kg. (10 lb)	~ 4 Kg. (8.8 lb)	~ 3.5 Kg. (7.7 lb)
Join type	Notching	Notching	Notching
Seal type	Sealless 	Sealless 	Sealless 
Dimension (L x H x W)	110x375x180 mm 4.3x14.7x7"	110x375x180 mm 4.3x14.7x7"	125x350x250 mm 4.9x13.7x9.8"
Strap release	Lever	Lever	Lever







Steel Manual tools

Single operation tools for tensioning and sealing operations with seal. Strong and reliable tools designed to use in industrial applications.



	SDN 19-25-32 Sealer With seal Double notch	STPM 19-25-32 Sealer With seal Single notch	STTMR 19-25-32 Tensioner With seal
Machine code	C130.190.040Z (19mm) C130.250.040Z (25mm) C130.320.040Z (32mm)	C107.190.040Z (19mm) C107.250.040Z (25mm) C107.320.040Z (32mm)	C108.990.040Z
Strap width	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")	19 mm - 25 mm - 32 mm (3/4" - 1" - 1 1/4")
Strap thickness & Breaking load	0.6 mm - 1 mm Rmax. 800 N/mm ²	0.6 mm - 1 mm Rmax. 800 N/mm ²	0.6 mm - 1 mm Rmax. 950 N/mm ²
Weight around	~ 2.8 Kg. (6,1 lb)	~ 2.8 Kg. (6,1 lb)	~ 4.9 Kg. (54.8 lb)
Join type	Notching, double notch (L. min: 45 mm) 	Notching, single notch (L. min: 45 mm) 	- (To be used with STP/STP-DN/STPM/SDN)
Seal type	Overlap	Overlap	Overlap
Dimension (L x H x W)	43x635x635 mm 1.6x25x25"	50x635x635 mm 1.9x25x25"	130x510x510 mm 5.11x20x20"
Strap release	-	-	Lever

Accessories

	Item code	
Air treatment group Composed by filter, pressure adjustment and lubricator	C601.010.830Z	
Spiral air pipes Length 15 MT	C281.218.300Z	
Balancer Range 3-6 Kg - range 5-8.5 Kg	C605.080.080Z (3-6 Kg) C605.080.090Z (5-8.5 Kg)	
Balancer Range 9-15 Kg	C605.080.900Z	
Safety cutter for strap - MJC 01 Light application	C610.100.430Z	
Safety cutter for strap - MJC 02 Heavy application	C610.100.420Z	

The SIAT Group



Headquartered in Northern Italy, SIAT is established as a quality leader in end-of-line industrial packaging solutions, specializing in taping, strapping and wrapping machines, as well as flexographic printing machines.

Based in Ohio (USA), Combi is a Northern American provider of industrial packaging systems, engineering and manufacturing case erectors, tray formers, case sealers, case packers, robotic packaging systems, and ergonomic monoblock hand-packing stations.



Located in Northern Italy, Tam has been producing small metal parts and providing precision machining services for over 30 years

For over 50 years, we have been manufacturing high-tech equipment and are proud to be recognized by our customers as among the leading brands in packaging machinery and components. Our solutions are utilized across various industries, including food and beverage, e-commerce, logistics, packaging, and consumer products.

Our machines are designed to:



Increase customer productivity

Our machines boast an average life of 25 years, while our customers pay off their investment in only 4 to 5 months.



Lower the cost of ownership

Our machines are designed for easy maintenance and simple installation. They are developed to be user-friendly and durable, while also being easy to integrate and manage.



Reduce environmental impact

We strongly believe in pursuing this goal through our environmental approach, envisioning the future of packaging as a collaborative effort with our customers to find the most sustainable and secure solutions. Each machine is designed to consume less energy, minimize material usage, and reduce waste.



Be connected

Thanks to Optirun, the SIAT Group's IoT solutions brand, we can calculate tape and box consumption, monitor film usage, and track all machine parameters to prevent downtime.



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