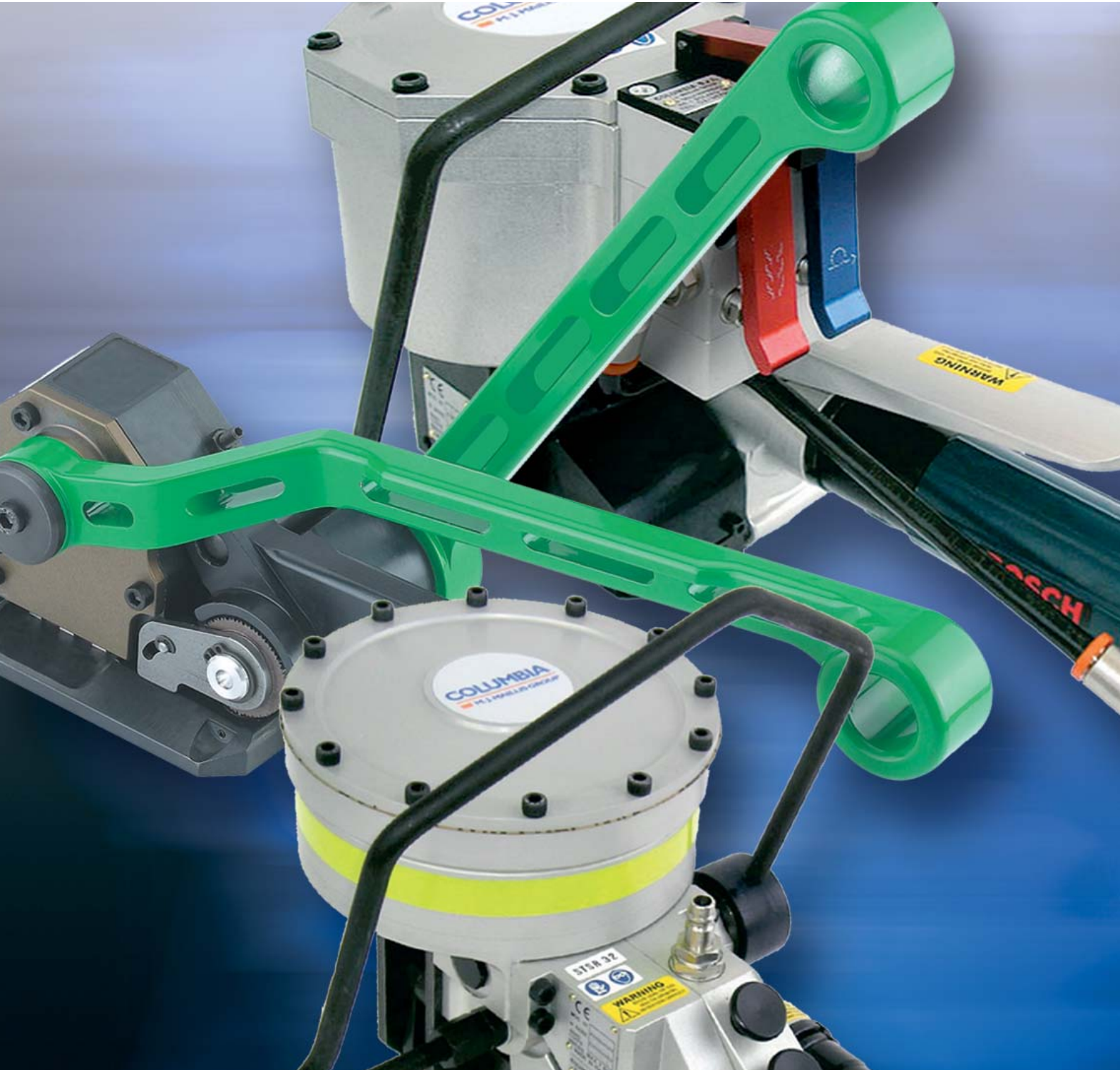


COLUMBIA

 M. J. MAILLIS GROUP

GB



STRAPPING TOOLS

FOR STEEL

PNEUMATIC STRAPPING TOOLS FOR STEEL STRAP WITH SEAL

STSR 19-25-32

FLAT AND ROUND SURFACES PNEUMATIC STRAPPING TOOL FOR STEEL STRAP WITH SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
STSR 19 3 BUTTONS	102.190.130	19 mm. 3/4"
STSR 25 3 BUTTONS	102.250.130	25 mm. 1"
STSR 32 3 BUTTONS	102.320.130	32 mm. 1 1/4"
STSR 19 2 BUTTONS	102.190.130	19 mm. 3/4"
STSR 25 2 BUTTONS	102.250.130	25 mm. 1"
STSR 32 2 BUTTONS	102.320.130	32 mm. 1 1/4"

TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Joint type	seal - double notches
Package type	flat / round
Seal type	overlap min. 45 mm lenght (1 - 3/4")
Strap width	19-25-32 mm / 3/4" - 1" - 1 1/4"
Bright / blue strap thickness	from 0.6 up to 1 mm. / 0.024" - 0.039"
High tensile strap thickness	from 0.63 up to 0.8 mm. / 0.025" - 0.031"
Max tension	9000 N/2000 lbs
Max tension speed	around 6 mt/min - 20 ft/min
Air pressure	from 5.5 upto 6.5 bar max / 78 - 92 psi
Air consumption	12 l/s - 25 cu ft / min
Weight	around 10 kgs / 22 lbs

STSR-32 HT

FLAT AND ROUND SURFACES TENSIONER FOR STEEL STRAP WITH SEAL



Low pressure air applications from 4,5 bar / 65 psi

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
STSR 32 HT 3 BUTTONS	123.320.130	32 mm. 1 1/4" ST.
STSR 32 HT 3 BUTTONS	123.320.030	32 mm. 1 1/4" ON REQ.

TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Joint type	seal - double notches
Package type	flat / round
Seal type	overlap min. 45 mm lenght (1 - 3/4")
Strap width	32 mm / 1 1/4"
Bright / blue strap thickness	from 0.6 up to 1 mm. / 0.024" - 0.039"
High tensile strap thickness	max 0.8 mm. (0.031") at 4,5 bar / max 0,9 mm (0,035") at 6,5 bar
Max tension	9000 N (at 6,3 bar standard motor) ***
Max tension speed	around 6 mt/min (6,3 bar)
Air pressure	from 4.5 upto 6.5 bar (65 to 92 psi)
Air consumption	12 l/s (6,3 bar)
Weight	around 10,8 kgs / 23,76 lbs

*** Only for low pressure air applications is also available a powerest motor tension version (on request) to increase the tensioning strap performances

PNEUMATIC STRAPPING TOOLS FOR STEEL STRAP WITH SEAL

ST 10-13-16-19

FLAT AND ROUND SURFACES PNEUMATIC STRAPPING TOOL FOR STEEL STRAP WITH SEAL



TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Joint type	seal - single notch
Seal type	overlap min. lenght 22 mm (7/8")
Package type	flat / round
Strap width	10-13-16-19 mm / 3/8" - 1/2" - 5/8" - 3/4"
Bright / blue strap thickness	from 0.4 up to 0.8 mm. / 0.016" - 0.031"
High tensile strap thickness	from 0.4 up to 0.63 mm. / 0.016" - 0.025"
Max tension	1500 N/330 lbs 3000 N/660 lbs 4500 N/990 lbs
Max tension speed	11 - 7 - 5 mt/min / 36 - 23 - 17 ft/min
Air pressure	from 5.5 upto 6.5 bar max / 78 - 92 psi
Air consumption	12 l/s - 25 cu ft / min
Weight	around 4 kgs / 8.8 lbs

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH	MAX.TENS.	TENS.SPEED
ST 10 BUTTON	101.100.310	10 mm. 3/8"	1500 N	11 mt/min
ST 10 CHOKE COLLAR	101.100.320	10 mm. 3/8"	1500 N	11 mt/min
ST 13 BUTTON	101.130.410	13 mm. 1/2"	3000 N	7 mt/min
ST 13 CHOKE COLLAR	101.130.420	13 mm. 1/2"	3000 N	7 mt/min
ST 16 BUTTON	101.160.410	16 mm. 5/8"	3000 N	7 mt/min
ST 16 CHOKE COLLAR	101.160.420	16 mm. 5/8"	3000 N	7 mt/min
ST 16 BUTTON	101.160.510	16 mm. 5/8"	4500 N	5 mt/min
ST 16 CHOKE COLLAR	101.160.520	16 mm. 5/8"	4500 N	5 mt/min
ST 19 BUTTON	101.190.410	19 mm. 3/4"	3000 N	7 mt/min
ST 19 CHOKE COLLAR	101.190.420	19 mm. 3/4"	3000 N	7 mt/min
ST 19 BUTTON	101.190.510	19 mm. 3/4"	4500 N	5 mt/min
ST 19 CHOKE COLLAR	101.190.520	19 mm. 3/4"	4500 N	5 mt/min

MANUAL SEALLESS STRAPPING TOOLS FOR STEEL STRAP

ST-IMA (13-16-19)

FLAT SURFACES MANUAL SEALLESS STRAPPING TOOL FOR STEEL STRAP



TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Joint type	sealless
Package type	flat (min. length 150 mm - 6") round (min. diameter 1000 mm / 40")
Strap width	13-16-19 mm / 1/2"- 5/8"- 3/4"
Brigh / blue strap thickness	from 0.45 up to 0.7 mm. / 0.018" - 0.028"
High tensile strap thickness	from 0.45 up to 0.60 mm. / 0.018" - 0.0024"
Max tension / gear ratio	around 5000N - 1100 lbs / around 1:17
Weight	around 4 kgs IMA / 8.8 lbs

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
ST-IMA	116.160.040	13-19 mm. 1/2"-3/4"

ST-IMA G (13-16-19)

FLAT SURFACES MANUAL SEALLES STRAPPING TOOL FOR STEEL STRAP



TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Joint type	sealless
Package type	flat (min. length 150 mm - 6") round (min. diameter 1000 mm / 40")
Strap width	13-16-19 mm / 1/2"- 5/8"- 3/4"
Brigh / blue strap thickness	from 0.45 up to 0.7 mm. / 0.018" - 0.028"
High tensile strap thickness	from 0.45 up to 0.63 mm. / 0.018" - 0.025"
Max tension / gear ratio	around 5000N - 1100 lbs / around 1:17
Weight	around 4,5 kgs IMA G / 9,9 lbs

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
ST-IMA G (steel tens. lever)	117.160.040	13-19 mm. 1/2"-3/4"

PNEUMATIC SEALLESS STRAPPING TOOLS FOR STEEL STRAP

ST-INCA 13-16-19 STD

FLAT SURFACES PNEUMATIC SEALLESS STRAPPING TOOL FOR STEEL STRAP



TECHNICAL DATA

Strap quality	bright/blue Rmax. 850N/mm ²
Joint type	sealless
Package type	flat (min. length 200 mm / 8")
Strap width	13-16-19 mm / 1/2" - 5/8" - 3/4"
Strap thickness	from 0.4 up to 0.6 mm. / 0.016" - 0.024"
Max tension	2000 N/440 lbs 3500 N/770 lbs 5500 N/1200 lbs
Max tension speed	11 - 7 - 5 mt/min / 36 - 23 - 17 ft/min
Air pressure	from 5.5 upto 6.5 bar max / 78 - 92 PSI
Air consumption	12 l/s - 25 cu ft/min
Weight	around 7 kgs / 15.4 lbs

CHART OF TYPES

MODEL	ITEM.NO.	WIDTH	SPEED
ST-INCA 13 STD 2000 N	106.130.310	13 mm. 1/2"	11 mt/m
ST-INCA 13 STD 3500 N	106.130.410	13 mm. 1/2"	7 mt/m
ST-INCA 16 STD 3500 N	106.160.410	16 mm. 5/8"	7 mt/m
ST-INCA 16 STD 5500 N	106.160.510	16 mm. 5/8"	5 mt/m
ST-INCA 19 STD 3500 N	106.190.410	19 mm. 3/4"	7 mt/m
ST-INCA 19 STD 5500 N	106.190.510	19 mm. 3/4"	5 mt/m

ST-INCA 13-16-19 HT

FLAT SURFACES PNEUMATIC SEALLES STRAPPING TOOL FOR STEEL STRAP



TECHNICAL DATA

Strap quality	blue/high tensile Rmax. 1100N/mm ²
Joint type	sealless
Package type	flat (min. length 200 mm / 8")
Strap width	13-16-19 mm / 1/2" - 5/8" - 3/4"
Strap thickness	from 0.4 up to 0.63 mm. / 0.016" - 0.025"
Max tension	2000 N/440 lbs 3500 N/770 lbs 5500 N/1200 lbs
Max tension speed	11 - 7 - 5 mt/min / 36 - 23 - 17 ft/min
Air pressure	from 5.5 upto 6.5 bar max / 78 - 92 PSI
Air consumption	12 l/s - 25 cu ft/min
Weight	around 9 kgs / 19.8 lbs

CHART OF TYPES

MODEL	ITEM.NO.	WIDTH	SPEED
ST-INCA 13 HT 3500 N	113.130.410	13 mm. 1/2"	7 mt/m
ST-INCA 13 HT 5500 N	113.130.510	13 mm. 1/2"	5 mt/m
ST-INCA 16 HT 5500 N	113.160.510	16 mm. 1/2"	5 mt/m
ST-INCA 19 HT 5500 N	113.190.510	19 mm. 3/4"	5 mt/m

PNEUMATIC AND MANUAL STRAPPING TOOLS FOR STEEL STRAP WITH SEAL

STTMR 19-25-32

FLAT AND ROUND SURFACES MANUAL TENSIONER FOR STEEL STRAP WITH SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
STTMR	108.990.040	19-32 mm. 3/4" - 1 1/4"

TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Package type	flat / round
Strap width	19-25-32 mm / 3/4" - 1" - 1 1/4"
Strap thickness	from 0.6 up to 1 mm. / 0.024" - 0.04"
Max tension / gear ratio	around 8500N - 1900 lbs / around 1:28
Weight	around 4,9 kgs / 10.8 lbs

STPM 19-25-32

FLAT AND ROUND SURFACES MANUAL SEALER FOR STEEL STRAP WITH SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
STPM 19	107.190.040	19 mm. 3/4"
STPM 25	107.250.040	25 mm. 1"
STPM 32	107.320.040	32 mm. 1 1/4"

TECHNICAL DATA

Strap quality	bright/blue Rmax. 850N/mm ²
Joint type	seal - single notch
Seal type	overlap min. 45 mm length (1 - 3/4")
Package type	flat / round
Strap width	19-25-32 mm / 3/4" - 1" - 1 1/4"
Strap thickness	from 0.6 up to 0.8 mm. / 0.024" - 0.031"
Weight	around 2,8 kgs / 6.1 lbs

STP 19-25-32

FLAT AND ROUND SURFACES PNEUMATIC SEALER FOR STEEL STRAP WITH SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
STP 19	103.190.050	19 mm. 3/4"
STP 25	103.250.050	25 mm. 1"
STP 32	103.320.050	32 mm. 1 1/4"

TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Joint type	seal - single notch
Seal type	overlap min. 45 mm length (1 - 3/4")
Package type	flat / round
Strap width	19-25-32 mm / 3/4" - 1" - 1 1/4"
Strap thickness R850N/mm ²	from 0.6 up to 1.1 mm. / 0.024" - 0.043"
Strap thickness R1100N/mm ²	from 0.63 up to 0.9 mm. / 0.025" - 0.035"
Air pressure	from 5 upto 6.5 bar max / 72 - 92 psi
Air consumption	3 l/s - 6.4 cu ft / min
Weight	around 3,8 kgs / 8.3 lbs

PNEUMATIC STRAPPING TOOLS FOR STEEL STRAP WITH SEAL

STTR 19-25-32

FLAT AND ROUND SURFACES PNEUMATIC TENSIONER FOR STEEL STRAP WITH SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
STTR BUTTON	104.990.110	19-32 mm. 3/4" - 1 1/4"
STTR CHOKE COLLAR	104.990.120	19-32 mm. 3/4" - 1 1/4"

TECHNICAL DATA

Strap quality	bright/blue/high tensile Rmax. 1100N/mm ²
Package type	flat / round
Strap width	19-25-32 mm / 3/4" - 1" - 1 1/4"
Strap thickness	from 0.6 up to 1.1 mm. / 0.024" - 0.043"
Max tension	around 9000N - 2000 lbs
Max tension speed	around 6 mt/min - 20 ft/min
Air pressure	from 5 upto 6.5 bar max / 72 - 92 psi
Air consumption	12 l/s - 25 cu ft / min
Weight	around 4,2 kgs / 9.2 lbs

STRAPPING TOOLS ACCESSORIES



REF	MODEL	ITEM CODE
A	AIR TREATMENT (filter + lubrif. + regulator)	610.010.830
B	SPIRAL AIR PIPES 15 MT LENGHT SIZE 8x10	281.218.300
	SPIRAL AIR PIPES 15 MT LENGHT SIZE 6x8	281.218.400
C	BALANCER RANGE 3-6 KGS (6.6-13.2 lbs)	605.080.080
	BALANCER RANGE 5-8.5 KGS (11-18.7 lbs)	605.080.090
	BALANCER RANGE 8-11 KGS (17.6-24.2 lbs)	605.080.070
D	BALANCER POWER 9-15 KGS (19.8-33 lbs)	605.080.900



COLUMBIA

M. J. MAILLIS GROUP

COLUMBIA s.r.l.
via Della Repubblica, 44 - 20020 Solaro (MI) Italy
phone No. +39 02.96.79.03.81 - fax No. +39 02.96.79.03.97
www.maillis.gr - www.columbiatools.it
e-mail: **columbia@siat.com**

