

# COLUMBIA

 M.J. MAILLIS GROUP

GB

SEAL



## STRAPPING TOOLS

**FOR STEEL**

# PNEUMATIC STRAPPING TOOLS FOR STEEL STRAP WITH SEAL

## STP-DN 19-25-32

### FLAT AND ROUND SURFACES PNEUMATIC SEALER FOR STEEL STRAP WITH SEAL

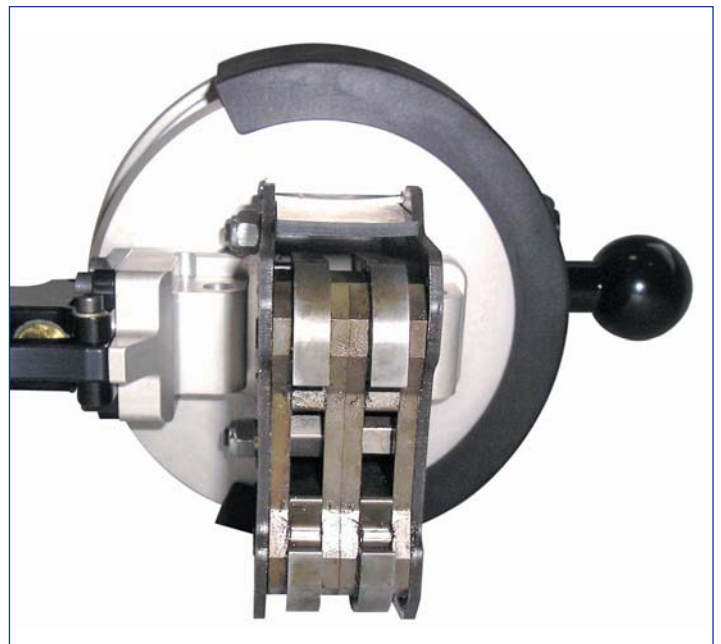


#### TECHNICAL DATA

<b>Strap quality</b>	standard & high tensile
<b>Joint type</b>	seal double notch
<b>Seal type</b>	overlap min. 45 mm length (1.75")
<b>Package type</b>	flat and round surfaces
<b>Strap width</b>	19-25-32 mm (3/4" - 1" - 1 1/4")
<b>Strap thickness R850N/mm<sup>2</sup></b>	from 0.6 up to 1.1 mm / 0.024" - 0.043"
<b>Strap thickness R1100N/mm<sup>2</sup></b>	from 0.63 up to 0.9 mm / 0.025" - 0.035"
<b>Weight</b>	4,7 kgs (+ 0,4 Knob and rubber)

#### CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
STP-DN 19	140.190.050	19-32 mm 3/4"-1 1/4"
STP-DN 25	140.250.050	19-32 mm 3/4"-1 1/4"
STP-DN 32	140.320.050	19-32 mm 3/4"-1 1/4"



Double notch

## STPM 19-25-32



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"

### FLAT AND ROUND SURFACES MANUAL SEALER FOR STEEL STRAP WITH SEAL

#### TECHNICAL DATA

Strap quality	standard Rmax. 850N/mm <sup>2</sup>
Joint type	seal - single notch
Seal type	overlap min. 45 mm length (1 - 3/4")
Package type	flat and round surfaces
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

## STTMR 19-25-32



CHART OF TYPES

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

### FLAT AND ROUND SURFACES MANUAL TENSIONER FOR STEEL STRAP WITH SEAL

#### TECHNICAL DATA

Strap quality	standard & high tensile Rmax. 1100N/mm <sup>2</sup>
Package type	flat and round surfaces
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

## STP 19-25-32



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"

### FLAT AND ROUND SURFACES PNEUMATIC SEALER FOR STEEL STRAP WITH SEAL

#### TECHNICAL DATA

Strap quality	standard high tensile Rmax. 1100N/mm <sup>2</sup>
Joint type	seal - single notch
Seal type	overlap min. 45 mm length (1 - 3/4")
Package type	flat and round surfaces
Strap width	19-25-32 mm / 3/4" - 1" - 1 1/4"
Strap thickness R850N/mm <sup>2</sup>	from 0.6 up to 1.1 mm / 0.024" - 0.043"
Strap thickness R1100N/mm <sup>2</sup>	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	standard high tensile Rmax. 1100N/mm <sup>2</sup>
Package type	flat and round surfaces
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

## ST 10-13-16-19

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



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

#### TECHNICAL DATA

Strap quality	standard high tensile Rmax. 1100N/mm <sup>2</sup>
Joint type	seal - single notch
Seal type	overlap min. lenght 22 mm (7/8")
Package type	flat and round surfaces
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

# PNEUMATIC STRAPPING TOOLS FOR STEEL STRAP WITH SEAL

## STSR 19-25-32



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	120.190.130	19 mm 3/4"
STSR 25 2 BUTTONS	120.250.130	25 mm 1"
STSR 32 2 BUTTONS	120.320.130	32 mm 1 1/4"

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

### TECHNICAL DATA - ALL 2 BUTTON AND 1" TOOLS ARE SPECIAL ORDER

Strap quality	standard high tensile Rmax. 1100N/mm <sup>2</sup>
Joint type	seal - double notches
Package type	flat and round surfaces
Seal type	overlap min. 45 mm lenght (1.75")
Strap width	19-25-32 mm / 3/4" - 1" - 1 1/4"
Standard 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



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.

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

### TECHNICAL DATA - SPECIAL ORDER

Strap quality	standard high tensile Rmax. 1100N/mm <sup>2</sup>
Joint type	seal - double notches
Package type	flat and round surfaces
Seal type	overlap min. 45 mm lenght (1.75")
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) *** 2000 lbs
Max tension speed	around 6 mt/min (6,3 bar) - 90 psi
Air pressure	from 4.5 upto 6.5 bar (65 to 92 psi)
Air consumption	12 l/s (6,3 bar) - 90 psi
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

## STRAPPING TOOLS ACCESSORIES



REF	MODEL	ITEM CODE
A	AIR TREATMENT (filter + lubrif. + regulator)	601.010.830
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
D	BALANCER POWER 9-15 KGS (19.8-33 lbs)	605.080.900
E	SAFETY CUTTER FOR STRAP (LIGHT APPLICATION) MJC 01	610.100.430
F	SAFETY CUTTER FOR STRAP (HARD APPLICATION) MJC 02	610.100.420

## SDN 25-32

### FLAT AND ROUND SURFACES MANUAL SEALER FOR STEEL STRAP WITH SEAL

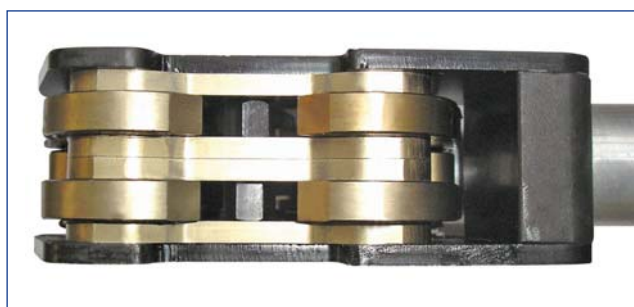


#### TECHNICAL DATA

<b>Strap quality</b>	standard Rmax. 850N/mm <sup>2</sup>
<b>Joint type</b>	seal - double notch
<b>Seal type</b>	overlap min. 45 mm length (1.75")
<b>Package type</b>	flat and round surfaces
<b>Strap width</b>	from 25 mm to 32 mm (1" - 1 1/4")
<b>Strap thickness</b>	from 0.6 up to 1.1 mm (0.024" - 0.044")
<b>Weight</b>	2,8 kgs

#### CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
SDN 25	130.250.040	25 mm 1"
SDN 32	130.320.040	32 mm 1 1/4"



Double notch



**COLUMBIA**

**M. J. MAILLIS GROUP**

**SIAT Spa - COLUMBIA**

via Puecher, 22 - 22078 Turate (CO) Italy  
phone No. +39 02.96.49.51 - fax No. +39 02.96.89.727

**[www.maillis.gr](http://www.maillis.gr) - [www.columbiatools.it](http://www.columbiatools.it)**

**e-mail: [columbia@siat.com](mailto:columbia@siat.com)**

