

COLUMBIA

M. J. MAILLIS GROUP

GB



STRAPPING TOOLS

FOR PP/PET

PNEUMATIC STRAPPING TOOLS FOR PP/PET STRAP

POLI 25 HT



FLAT AND ROUND SURFACES PNEUMATIC STRAPPING TOOL FRICTION WELD SEAL

TECHNICAL DATA

Strap quality	PET
Joint type	friction weld seal
Package type	flat / round (min. diameter 700 mm. / 28")
Strap width	25 mm. / 1"
Strap thickness	from 0.8 up to 1.27 mm. / 0.031" - 0.05"
Max tension	5000 N - 1100 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 tension - 14 l/s welding /29 cuft/min
Weight	around 5,3 kgs / 11.6 lbs

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
POLI 25 HT	110.250.630	25 mm. 1"

POLI 16-19 HT



FLAT AND ROUND SURFACES PNEUMATIC STRAPPING TOOL FRICTION WELD SEAL

TECHNICAL DATA

Strap quality	PET
Joint type	friction weld seal
Package type	flat / round (min. diameter 700 mm / 28")
Strap width	16-19 mm / 5/8"- 3/4"
Strap thickness	from 0.8 up to 1.27 mm. / 0.031" - 0.05"
Max tension	5000 N - 1100 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 tension - 14 l/s welding /29 cuft/min
Weight	around 5,3 kgs / 11.6 lbs

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
POLI16HT	110.160.630	16 mm. 5/8"
POLI19HT	110.190.630	19 mm. 3/4"

PNEUMATIC STRAPPING TOOLS FOR PP/PET STRAP

POLI 10-19 LT

FLAT AND ROUND SURFACES PNEUMATIC STRAPPING TOOL FRICTION WELD SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
POLI10LT	109.100.310	10-11 mm. 3/8"
POLI13LT	109.130.310	12-13 mm. 1/2"
POLI16LT	109.160.310	16 mm. 5/8"
POLI19LT	109.190.310	19 mm. 3/4"

TECHNICAL DATA

Strap quality	PP/PET
Joint type	friction weld seal
Package type	flat / round (min. diameter 700 mm / 28") opt. round pack. base kit min. 500mm/20"
Strap width	10-13-16-19 mm / 3/8" - 1/2" - 5/8" - 3/4"
Strap thickness	from 0.4 up to 0.9 mm. / 0.016" - 0.4"
Max tension	2500 N - 555 lbs (adj. by clutch system)
Max tension speed	around 11 mt/min - 36 ft/min
Air pressure	from 5.5 upto 6.5 bar max / 78 - 92 PSI
Air consumption	12 l/s tension - 14 l/s welding /29 cuft/min
Weight	around 4,9 kgs / 10.8 lbs

POLI 13-19 MT

FLAT AND ROUND SURFACES PNEUMATIC STRAPPING TOOL FRICTION WELD SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
POLI13MT-clutch	115.130.710	12-13 mm. 1/2"
POLI16MT	115.160.710	16 mm. 5/8"
POLI19MT	115.190.710	19 mm. 3/4"

TECHNICAL DATA

Strap quality	PP/PET
Joint type	friction weld seal
Package type	flat / round (min. diameter 700 mm / 28") opt. round pack. base kit min. 500mm/20"
Strap width	13-16-19 mm / 1/2" - 5/8" - 3/4"
Strap thickness	from 0.6 up to 1.27 mm. / 0.024" - 0.05"
Max tension	3500 N - 770 lbs (adj. by clutch system-opt.)
Max tension speed	around 9 mt/min - 30 ft/min
Air pressure	from 5.5 upto 6.5 bar max / 78 - 92 PSI
Air consumption	12 l/s tension - 14 l/s welding /29 cuft/min
Weight	around 5,2 kgs / 11.4 lbs

POLI WELDING

FLAT AND ROUND SURFACES PNEUMATIC STRAPPING TOOL FRICTION WELD SEAL



CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
POLI WELDING	124.160.040	10-13-16-19 mm. / 3/8" - 1/2" - 5/8" - 3/4"

TECHNICAL DATA

Strap quality	PP/PET
Joint type	friction weld seal
Package type	flat / round suitable for strapping fibre bales using press sistem
Strap width	10-13-16-19 mm. / 3/8" - 1/2" - 5/8" - 3/4"
Strap thickness	from 0.4 up to 1.27 mm. / 0.016" - 0.05"
Max tension	only for welding strapping tool
Air pressure	from 5.5 upto 6.5 bar max / 78 - 92 PSI
Air consumption	14 l/s welding /29 cuft/min
Weight	around 2,3 kgs / 5.04 lbs

BATTERY STRAPPING TOOLS FOR PP/PET STRAP

DIGIT SMART LXT

FLAT AND ROUND SURFACES BATTERY STRAPPING TOOL
FRICTION WELD SEAL



TECHNICAL DATA

Strap quality	PP/PET
Joint type	friction weld seal
Package type	flat (min. 120 mm. - 5") round surface (min. diam. 700 mm. - 28")
Strap width	10-13-16 mm / 3/8" - 1/2" - 5/8"
Strap thickness	from 0.5 up to 1.0 mm. / 0.019" - 0.038"
Max tension	2300 N - 506 lbs
Max tension speed	around 12 mt/min - 39,33 ft/min
Battery	Makita 14.4 Vdc - 3.0 Ah Li-ion
Weight	around 3,8 kgs / 8.3 lbs (battery included)

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
DIGIT SMART LXT	127.990.810	10-16 mm. 3/8"-5/8"



Recharger for Li-ion Battery



New digital adjustment system for tension and sealing time



ITEM NO. 291.336.400

Inox base plate protection for Digit LXT, SMART, POWER



Li-ion Battery

- High capacity
- No memory effect
- Light and compact
- Built-in memory chip

BATTERY STRAPPING TOOLS FOR PP/PET STRAP

DIGIT SMART

FLAT AND ROUND SURFACES BATTERY STRAPPING TOOL FRICTION WELD SEAL



TECHNICAL DATA

Strap quality	PP/PET
Joint type	friction weld seal
Package type	flat (min. 120 mm. - 5") round surface (min. diam. 700 mm. - 28")
Strap width	10-13-16 mm / 3/8" - 1/2" - 5/8"
Strap thickness	from 0.5 up to 1.0 mm. / 0.019" - 0.038"
Max tension	2000 N - 440 lbs
Max tension speed	around 9 mt/min - 29,5 ft/min
Battery	Makita 12 Vdc - 2.0 Ah - Ni-Cd
Weight	around 3,9 kgs / 8.5 lbs (battery included)

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
DIGIT SMART	125.990.810	10-16 mm. 3/8"-5/8"

ACCESSORIES FOR DIGIT TOOLS

BATTERIES-RECHARGERS POWER SUPPLY



REF	MODEL	ITEM CODE
A	BATTERY NiCd 2.0 Ah 12V	521.002.600
B	BATTERY NiMh 2.6 Ah 12V	521.002.620
C	BATTERY Li-ion 3.0 Ah 14.4V	521.009.920

REF	MODEL	ITEM CODE
D	RECHARGER FOR NiCd and NiMh Battery	521.002.610
E	RECHARGER FOR Li-ion Battery	521.009.930
F	DIGIT SMART POWER SUPPLY	521.005.000

MANUAL STRAPPING TOOLS FOR PP/PET STRAP WITH SEAL

IMPA 13

FLAT SURFACES MANUAL STRAPPING TOOL FOR PP/PET STRAP WITH SEAL



TECHNICAL DATA

Strap quality	PP/PET
Joint type	seal
Seal type	ORP type
Package type	flat (min. lenght 200 mm. / 8")
Strap width	from 11 mm. up to 13 mm. / 0.43" - 1/2"
Strap thickness	from 0.4 up to 0.9 mm. / 0.016" - 0.035"
Max tension / gear ratio	around 3000 N - 660 lbs / around 1:15
Weight	around 2,7 kgs / 5.9 lbs

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
IMPA 13	111.130.040	13 mm. 1/2"

IMPA 16

FLAT SURFACES MANUAL STRAPPING TOOL FOR PP/PET STRAP WITH SEAL



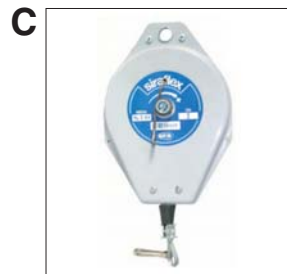
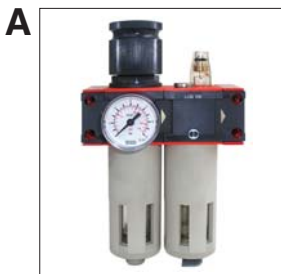
TECHNICAL DATA

Strap quality	PP/PET
Joint type	seal
Seal type	ORP type
Package type	flat (min. lenght 200 mm. / 8")
Strap width	from 15 mm. up to 16 mm. / 0.59" - 5/8"
Strap thickness	from 0.4 up to 0.9 mm. / 0.016" - 0.035"
Max tension / gear ratio	around 3000 N - 660 lbs / around 1:15
Weight	around 3,9 kgs / 8.6 lbs

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
IMPA 16	112.160.040	16 mm. 5/8"

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
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



BATTERY STRAPPING TOOLS FOR PP/PET STRAP

DIGIT POWER

FLAT AND ROUND SURFACES BATTERY STRAPPING TOOL FRICTION WELD SEAL



TECHNICAL DATA

Strap quality	PP/PET
Joint type	friction weld seal
Package type	flat (min. 120 mm. - 5") round surface (min. diam. 700 mm. - 28")
Strap width	from 16 mm up 19 mm (5/8" - 3/4")
Strap thickness	from 0.8 up to 1.3 mm. PET - from 0.8 up to 1.0 mm PP
Max tension	3400 N - 748 lbs
Max tension speed	around 13 mt/min - 42,6 ft/min
Battery	Makita 14.4 Vdc - 3.0 Ah Li-ion
Weight	around 3,9 kgs / 8.5 lbs (battery included)

CHART OF TYPES

MODEL	ITEM.NO.	STRAP WIDTH
DIGIT POWER	126.990.810	16-19 mm. 5/8"-3/4"



Ergonomic handle - New sealing and opening lever

NEW
Li-ion
Battery



New digital adjustment system for tension and sealing time



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

