

# POLI MT 13-19

- Reggiatrice pneumatica per reggia in plastica saldata a vibrazione
- Pneumatic strapping tool for PP and PET strap with vibration sealing
- Cercleuse pneumatique avec soudure à vibration pour feillard plastique
- Pneumatische umreifungsgeräte für PP und PET bänder mit vibrationsverschweissung
- Flejadora neumática para fleje de polipropileno y poliéster soldadura de vibración



Codice ordinazione ■ Order code ■ Code article ■ Bestell-Nummer ■ Código pedido

- POLI MT clutch 13 mm 115.130.710
- POLI MT 16 mm 115.160.710
- POLI MT 19 mm 115.190.710



- Attacco aria verticale per POLI MT-HT
- Upper air connection for POLI MT-HT
- Attaque de l'air vertical pour POLI MT-HT
- Vertikale Luftangriff fuer POLI MT-HT
- Vertical ataque aéreo para POLI MT-HT

Codice ordinazione ■ Order code ■ Code article ■ Bestell-Nummer ■ Código pedido  
 ● cod. 290.931.400

## Dati Tecnici

● Tipo di Collo	Piano - tondo (diametro minimo 700mm) Optional: kit per colli tondi diametro 500mm
● Tipo di reggia utilizzabile	PP/PET
● Larghezza reggia	13 mm - 19 mm
● Spessore reggia	Da 0.6 mm a 1.27 mm
● Tensione reggia max.	3.500N
● Velocità tensionamento	Circa 7 m/min
● Tipo di chiusura	Saldatura a vibrazione
● Peso	Circa 5.2 Kg
● Pressione aria	6 - 7 bar max
● Consumo aria	12 l/s

## Technical Data

● Package type	Flat - round (min. diam.700mm) Opt: round package base kit ø 500mm
● Strap quality	PP/PET
● Strap width	13 mm - 19 mm
● Strap thickness	0.6 mm - 1.27 mm
● Max. tension	3.500N
● Max. tension speed	Around 7 m/min
● Joint type	Friction weld seal
● Weight	around 5.2 Kg
● Air pressure	6 - 7 bar max
● Air consumption	12 l/s

## Caracteristique Technique

● Type de colis	Plat - rond (diamètre minimum 700mm) En option: kit pour rond colis ø 500mm
● Matériau feillard	PP/PET
● Largeur feillard	13 mm - 19 mm
● Epaisseur feillard	0.6 mm - 1.27 mm
● Tension maximal	3.500N
● Vitesse tension	Près 7 m/min
● Type de soudure	Soudure à vibration
● Poids	5.2 Kg
● Pression d'air	6 - 7 bar max
● Consommation d'air	12 l/s

## Technische Merkmale

● Packstücke	Ebene - runde (ø min. 700mm) Opt: kit Runde Oberfläche ø 500mm
● Bandqualität	PP/PET
● Bandbreite	13 mm - 19 mm
● Bandstärke	0.6 mm - 1.27 mm
● Max. Umreifungsspannung	3.500N
● Max. Spanngeschwindigkeit	Around 7 m/min
● Verschlusstyp	Reibschweissung
● Gewicht mit Batterie	5.2 Kg
● Belastung	6 - 7 bar max
● Druckluftverbrauch	12 l/s

## Características Técnicas

● Tipo de paquete	Plano - redondo (ø min.700mm) Opc: kit para redondo paquete ø 500mm
● Tipo de fleje	PP/PET
● Anchos flejes	13 mm - 19 mm
● Grosor flejes	0.6 mm - 1.27 mm
● Tensión máx.	3.500N
● Velocidad máx. de tensión	7 m/min
● Tipo de cierre	Soldadura de vibración
● Peso	5.2 Kg
● Presion de trabajo	6 - 7 bar max
● Consumo de aire	12 l/s

## POLI 13, 16, 19 MT

1/2" - 5/8" - 3/4"

### PNEUMATIC STRAPPING TOOL WITH FRICTION WELD SEAL (PET / PP) — FLAT AND ROUND SURFACES

#### TECHNICAL DATA / APPLICATIONS :

Compact, easy to use and versatile strapping tool for use in medium / heavy duty industrial applications. Available standard in two strap sizes: 5/8"(16mm) and 3/4"(19mm). On request can be set up for 1/2"(13mm) strap size with clutch system. The clutch system allows adjustment of the strap tension and is also available, on request, for the other sizes. — write this option on the order —

Package type	Flat 28" minimum surface (700mm) Round 20" minimum diameter (500mm)
Strap type	PET / PP
Strap width	From 1/2" - 5/8" - 3/4" (13mm-16mm-19mm)
Strap thickness	From .024" - .050" (0.6mm-1.27mm)
Max. Tension	Around 786 lbf. (3500n)
Air pressure	From 80 psi - 95 psi (5.5 to 6.5 bar max)
Max. Tension speed	29.5' min. (9 mt/min)
Joint type	Friction Weld Seal
Weight	Around 11.5 lbs. (5.2 Kg)
Order Code: POLI MT 13	115.130.710 with clutch
Order Code: POLI MT 16	115.160.710
Order Code: POLI MT 19	115.190.710

- **ERGONOMIC**
- **MODERN DESIGN**
- **COMPACT AND LIGHT**
- **BOSCH WELDING MOTOR**
- **INSERT BOTH STRAPS TOGETHER**
- **EASY TO REMOVE THE TOOL**



Manufactured by the M.J. Maillis Group

- **AN OPTIONAL CLUTCH SYSTEM IS AVAILABLE FOR VARIABLE STRAP TENSION**
- **NEW LOCK TENSION STRAP**
- **ON REQUEST UPPER AIR CONNECTION CONFIGURATION**

## POLI 16, 19 HT

5/8" - 3/4"

### PNEUMATIC STRAPPING TOOL WITH FRICTION WELD SEAL FOR (PET) STRAP — FLAT AND ROUND SURFACES

#### TECHNICAL DATA / APPLICATIONS :

Powerfull, compact and easy to use strapping tool to use in heavy duty industrial applications especially with high quality PET Polyester strapping. Available standard in two strap sizes: 5/8"(16mm) and 3/4"(19mm).

Package type	Flat 28" minimum surface (700mm) Round 20" minimum diameter (500mm)
Strap type	PET
Strap width	From 5/8" - 3/4" (16mm up to 19mm)
Strap thickness	From .031" - .050" (0,8mm up to 1.27mm)
Max. Tension	Around 900 lbf. 5/8" (4000n) (16mm) Around 1125 lbf. 3/4" (5000n) (19mm)
Air pressure and consumption	From 80 psi - 95 psi (5.5 to 6.5 bar max)
Max. Tension speed	Around 4 inches / second (6 mt/min)
Joint type	Friction weld seal
Weight	Around 11.9 lbs. (5.3 Kg)
Order code POLI HT16	110.160.630
Order code POLI HT19	110.190.630

- ERGONOMIC
- COMPACT SIZE
- BOSCH MOTORS
- INSERT BOTH STRAPS TOGETHER
- EASY TO REMOVE THE TOOL



- HIGH TENSION ON STRAP
- NEW LOCK TENSION STRAP
- ON REQUEST UPPER AIR CONNECTION CONFIGURATION

**POLI 13, 16, 19 MT/HT**  
1/2" - 5/8" - 3/4"

**- EASY AND FAST ADJUSTMENTS -**

**WELDING TIMER  
ADJUSTMENT SCREW**

**LEVER 2— WELDING AND CUTTING (RED):  
PUSH TO START WELDING AND CUTTING  
CYCLE**

**LEVER 1— TENSION (BLUE):  
HOLD IT PUSHED UNTIL THE  
RIGHT TENSION VALUE**

**LEVER 3- RELEASE (BLACK):  
HOLD IT PUSHED UNTIL THE  
STRAP IS RELEASED**

**UNIVERSAL  
SIZES REAR  
GUIDE STRAP**



**TURN THIS SCREW TO ADJUST THE GAP BETWEEN  
THE FEEDWHEEL AND LOCK STRAP PLATES**

**TURN THIS SCREW TO ADJUST THE MOTOR  
POWER**



**POLI 13, 16, 19 MT/HT**  
1/2" - 5/8" - 3/4"

**- CONFIGURATIONS ON REQUEST -**



**AN UPPER AIR CONNECTION IS AVAILABLE ON REQUEST. THIS IS PARTICULARLY USEFUL WHEN USED WITH SPRING BALANCER – FOR POLI MT AND HT MODELS – INDICATE THIS OPTION ON THE ORDER -**



**THE POLI MT CAN ALSO BE ORDERED WITH AN ADJUSTABLE CLUTCH SYSTEM CONFIGURATION - THIS IS PARTICULARLY USEFUL TO HAVE UNIFORM TENSION ON STRAPS – INDICATE THIS OPTION ON THE ORDER -**

**TURN THIS NUT TO ADJUST THE TENSION ON THE STRAP BY MECHANICAL CLUTCH**

**POLI 13, 16, 19 MT/HT**  
 1/2" - 5/8" - 3/4"

**- TYPICAL APPLICATIONS -**



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- MECHANICAL INDUSTRIES
- PROFILES, PIPES, EXTRUDED SHAPES
- PAPER AND CARTON INDUSTRIES
- BRICKS
- WOOD
- STRAPPING FIBER, HAY, PAPER BALES USING PRESS SYSTEM
- FOUNDRY



**SEAL SAMPLE**

TECH DATA

**POLI 13, 16, 19 MT/HT**  
**1/2" - 5/8" - 3/4"**

**ACCESSORIES**

- *FILTER + LUBRICATOR + PRESSURE ADJ GROUP* CODE 601.010.830
- *SPIRAL 45' LONG AIR HOSE (15MT) WITH CONNECTORS* CODE 281.218.300
- *SPRING BALANCER 10-013 lbs. (3-6KG)* CODE 605.080.080

**OPTIONS**

- *SUSPENSION BRACKET KIT 3 POSITIONS* CODE 291.030.500



**KIT SHORT BASE FOR ROUND PACKAGES:**  
**(MINIMUM DIAMETER 20" (500mm))**

**1/2" (13mm) CODE 280.017.400 - 5/8" (16mm) CODE 280.017.500 - 3/4" (19mm) CODE 280.017.600**

