

# Datasheet MH610 Plastic friction weld strapping head

## All electric high tension plastic friction weld strapping head

The MH610 strapping head has been designed for automatic, heavy duty industrial PE T strapping applications. The head can process PET strapping from widths 25.0 to 32.0 mm without any modifications. Very high strap tension settings of up to 7000 N allow the application of PET strapping with break strengths up to 18000 N (4000 lbs). It is the ideal system for transport securing of heavy, unitized goods in the Aluminium and Steel industry.



### Technical data for strapping head MH610

S uitable strapping qualities:		Polyester (PET)				
S trapping dimensions: w	vidths nicknesses	25.0 - 32.0 mm / 1 - 1 ¼" 0.60 - 1.35 mm / 0.024 - 0.053"				
Average seal strength:		up to 80% of strap breaking strength (dependent on strap quality)				
Sealing method:		friction welding				
Max. strap tension:		7000N / 1545 lbs adjustable 2500N / 560 lbs adjustable				
Feed/retract speed:		5.3 m/s / 17.3 ft/s				
Tension speed:		105 mm/s / 0.34 ft/s				
Package size:		min. W250 x H180 mm max. W3000 x H3000 mm				
Power supply:		230V – 3PE /60Hz				
Consumption:		1.1KW				
Control Voltage:		24V DC				
Dimension:		L 615 x W 332 x H 450 mm				
Weight:		118 kg / 260 lbs				



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### Chart of types strapping head MH610

Item No.	Model	S trap widths		S trap thicknesses		Max. Tension	
		mm	inch	mm	inch	N	lbs
47.5610	MH610/25-32/0.40-0.59/7.0/PET	25-32	1-11/4	0.40-0.59	.016023	7000	1545
47.5611	MH610/25-32/0.60-0.75/7.0/PET	25-32	1-11/4	0. 60-0.75	.024030	7000	1545
47.5612	MH610/25-32/0.80-1.35/7.0/PET	25-32	1-11/4	0.80-1.35	.031053	7000	1545
47.5613	MH610/25-32/0.40-0.59/2.5/PET	25-32	1-11/4	0. 400.59	.016023	2500	560
47.5614	MH610/25-32/0.60-0.75/2.5/PET	25-32	1-11/4	0.60-0.75	.024030	2500	560

#### **Features**

- Compact and modular design
- One piece of a luminium cast housing
- High strap tension up to 7000 N (1545 lbs) adjustable
- 25mm or 32mm strap width usable, a djustable without changing parts
- S trap gu ide open feat ure
- Well proven separate feeding, tensioning and friction weld sealing systems
- High consistent seal efficiency because of environment temperature monitoring
- Use of state-of-the-art manufacturing, controlling and material technology
- Three side suspension points and plug connections for easy integration
- Long life and maintenance friendly, resulting in high availability

#### **Options**

- Dispenser for jumbo-coils
- S word
- Teles copic a rch
- Movable machine
- Side sealing machine
- Head suspension with power floating system
- Edge protection feed systems top and bottom
- Bunk feed system with various magazines
- Vertical and lateral press systems up to 80 KN
- Conveying systems
- Turntable for cross strapping
- Mechanical pack detectin sensor
- Thinner or rubber coated base protection plate
- S trap guide a rch systems
- Control
- Cycle counter inside the head
- Dust cleaning system
- Counter



مؤسسة فصول الخليج لمعدات وأدوات التغليف GULF SEASON STRAPPING & PACKAGING SYSTEMS