

All electric high tension plastic friction weld strapping head

The MH610 strapping head has been designed for automatic, heavy duty industrial PET 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 7000N allow the application of PET strapping with break strengths up to 18000N (4000lbs). It is the ideal system for transport securing of heavy, unitized goods in the Aluminium and Steel industry.



Technical data for strapping head MH610

Suitable strapping qualities:	Polyester (PET)
Strapping dimensions:	widths 25.0 – 32.0 mm / 1 – 1 ¼"
	thicknesses 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:	0.55KW
Control Voltage:	24V DC
Dimension:	L 615 x W 332 x H 450 mm
Weight:	118 kg / 260 lbs

Chart of types strapping head MH610

Item No.	Model	Strap widths		Strap thicknesses		Max. Tension	
		mm	inch	mm	inch	N	lbs
47.5610	MH610/25-32/0.40-0.59/7.0/PET	25-32	1-1¼	0.40-0.59	.016-.023	7000	1545
47.5611	MH610/25-32/0.60-0.75/7.0/PET	25-32	1-1¼	0.60-0.75	.024-.030	7000	1545
47.5612	MH610/25-32/0.80-1.35/7.0/PET	25-32	1-1¼	0.80-1.35	.031-.053	7000	1545
47.5613	MH610/25-32/0.40-0.59/2.5/PET	25-32	1-1¼	0.40-0.59	.016-.023	2500	560
47.5614	MH610/25-32/0.60-0.75/2.5/PET	25-32	1-1¼	0.60-0.75	.024-.030	2500	560

Features

- Compact and modular design
- One piece of aluminium cast housing
- High strap tension up to 7000N (1545 lbs) adjustable
- 25mm or 32mm strap width usable, adjustable without changing parts
- Strap guide open feature
- 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
- Sword
- Telescopic arch
- 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
- Strap guide arch systems
- Control
- Cycle counter inside the head
- Dust cleaning system
- Counter