

All electric high tension plastic friction weld strapping head

The MH600 strapping head has been designed for automatic heavy duty industrial PET strapping installations. The head processes strapping from 13 – 19mm of various thicknesses and qualities. The high strap tension feature (up to 7000N) allows applications of PET strapping with break strength up to 15000N (3300 lbs).

**Technical data for strapping head MH600**

Suitable strapping qualities:	Polyester (PET)
Strapping dimensions:	widths 13.0 – 19.0 mm / 1/2 - 3/4"
	thicknesses 0.64 – 1.53 mm / 0.025 – 0.060"
Average seal strength:	up to 80% of strap breaking strength (dependent on strap quality)
Sealing method:	friction welding
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 307 x H 450 mm
Weight:	115 kg / 253 lbs

Chart of types strapping head MH600

Item No.	Model	Strap widths		Strap thicknesses		Max. Tension	
		mm	inch	mm	inch	N	lbs
47.5601	MH600/13-19/0.64-0.75/7.0/PET	13-19	1/2-3/4	0.64-0.75	.025-.030	7000	1545
47.5602	MH600/13-19/0.80-1.35/7.0/PET	13-19	1/2-3/4	0.80-1.35	.031-.053	7000	1545
47.5603	MH600/13-19/0.64-0.75/2.5/PET	13-19	1/2-3/4	0.64-0.75	.025-.030	2500	560
47.5605	MH600/19/1.53/7.0/PET	19	3/4	1.53	.060	7000	1545

Features

- Compact and modular design
- One piece of aluminium cast housing
- High strap tension up to 7000N (1545 lbs) adjustable
- Wide strap width range 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