

High tension, 13 – 19 mm, friction welding



Technical data for strapping head MH600

Strap qualities	Polyester (PET)	
Strap dimensions:	widths	13,0 – 19,0 mm / ½ – ¾"
	thickness	0,64 – 1,53 mm / 0.025 – 0.060"
Strapping head type	Electric	
Sealing method	friction welding	
Seal strength	up to 80% (depending on the strap quality)	
Strap tension, adjustable	7.000N / 1,570 lbs 2.500N / 560 lbs	
Feed/retract speed, adjustable	5,3 m/s / 17.3 ft/s	
Tension speed	105 mm/s / 0.34 ft/s	
Package size, min.*	W250 x H180 mm / W 9.84 x H 7.08"	
Power supply	230V / 400V Δ / Y – 3PE/50Hz	
Power	0,55 kW	
Dimensions (over all)	L 615 x W 307 x H 450 mm / L 24.2 x W12.1 x 17.7"	
Weight	115 kg / 254 lbs	

* Min. package size depends on many factors. For critical dimensions please get in touch with your FROMM dealer.

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	7.000	1,570
47.5602	MH600/13-19/0.80-1.35/7.0/PET	13-19	1/2-3/4	0,80-1,35	.031-.053	7.000	1,570
47.5603	MH600/13-19/0.64-0.75/2.5/PET	13-19	1/2-3/4	0,64-0,75	.025-.030	2.500	560
47.5605	MH600/19/1.53/7.0/PET	19	3/4	1,53	.060	7.000	1,570

Polyester (PET) strap

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 7.000N) allows applications of PET strapping with break strength up to 15.000N (3,300 lbs).

Features

- High strap tension. Adjustable up to 7.000N (1,570 lbs)
- One piece aluminium cast housing
- Compact modular design
- Well proven separate feeding, tensioning and friction weld sealing systems
- No parts needed, when adjusting the strap width
- Strap guide open feature
- Use of state-of-the-art manufacturing, controlling and material technology
- Three side suspension attachment points and quick connectors, for easy integration
- Long life and maintenance friendly, resulting in high availability
- Mechanical pack detecting sensor (option)
- Thinner or rubber coated base protection plate (option)
- Cycle counter inside the head (option)
- Dust cleaning system (option)
- Head suspension with power floating system/ tension compensation (option)
- Environment temperature monitoring for consistent seal efficiency (option)

Perfect fit for

- Horizontal and vertical stand-alone strapping machines or installation in integrated packaging lines
- Static or moving machines
- Top, side or bottom seal positions
- Strapping of flat and irregular packages