

High tension, 8 – 19 mm, friction welding, for small and round applications



Technical data for strapping head MH550

Strap qualities	Polyester (PET) and Polypropylene (PP)	
Strap dimensions:	widths	8,0 – 19,0 mm / 5/16 – 3/4"
	thickness	0,50 – 1,0 mm / 0.020 – 0.040"
Strapping head type	Electric	
Sealing method	friction welding	
Seal strength	up to 80% (depending on the strap quality)	
Strap tension, adjustable	500 – 3.500 N / 110 - 790 lbs	
Feed/retract speed, adjustable	5,3 m/s / 17.3 ft/s	
Tension speed	105 mm/s / 0.34 ft/s	
Min. pack face*	100 mm / 4" Ø 250 mm / 10"	
Power supply	230V / 400V Δ / Y – 3PE/50Hz	
Power	0,55 kW	
Dimensions (over all)	L 500 x W 300 x H 398 mm / L 19.7 x W11.8 x 15.7"	
Weight	78,5 kg / 173 lbs	

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

Chart of types, strapping head MH550

Item No.	Model	Strap widths		Strap thicknesses		Max. Tension	
		mm	inch	mm	inch	N	lbs
47.5702	MH550/8.0/0.50-0.80	8	5/16	0,50-0,80	.020-.031	3.500	790
47.5706	MH550/9.0-10.0/0.50-0.80	9-10	3/8	0,50-0,80	.020-.031	3.500	790
47.5710	MH550/11.1/0.50-1.0	11,1	7/16	0,50-1,00	.020-.040	3.500	790
47.5714	MH550/12.0-12.7/0.50-1.0	12-12,7	1/2	0,50-1,00	.020-.040	3.500	790
47.5718	MH550/15.5-16.0/0.50-1.0	15,5-16	5/8	0,50-1,00	.020-.040	3.500	790
47.5722	MH550/19.0/0.50-1.0	19	3/4	0,50-1,00	.020-.040	3.500	790

Features

- Compact, light weight modular design
- One piece of aluminium cast housing
- Strap tension up to 3.500 N (790 lbs) adjustable
- Strap guide open feature
- Well proven separate feeding, tensioning and friction weld sealing systems
- Environment temperature monitoring for consistent seal efficiency (option)
- 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 a high availability
- Head suspension with power floating system / tension compensation (option)
- Thin or rubber coated base protection plate (option)
- Strap cycle counter, inside the head (option)
- Dust cleaning system (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, small/narrow, irregular and round products