

**High tension plastic friction weld strapping head for small and round applications****Technical data for strapping head MH550**

Suitable strapping qualities:	Polyester (PET) and Polypropylene (PP)
Strapping dimensions:	widths 8.0 – 19.0 mm / 1/3 – 3/4"
	thicknesses 0.40 – 1.0 mm / 0.016 – 0.040"
Average seal strength:	up to 80% of strap breaking strength (dependent on strap quality)
Sealing method:	friction welding
Strap tension:	500 - 3500N / 110 - 790 lbs adjustable
Feed/retract speed:	5.3 m/s / 17.3 ft/s
Tension speed:	90 mm/s / 0.3 ft/s
Min. package size:	□ 100 mm Ø 250 mm
Power supply:	230V – 3PE/50Hz
Control Voltage:	24V DC
Dimension:	L 500 x W 300 x H 398 mm
Weight:	78.5 kg / 173 lbs

**Chart of types strapping head MH550**

Item No.	Model	Strap widths		Strap thicknesses		Max. Tension	
		mm	inch	mm	inch	N	lbs
47.5702	MH550/8.0/0.40-0.80	8	1/3	0.40-0.80	.016-.031	3500	790
47.5706	MH550/9.0-10.0/0.40-0.80	9-10	3/8	0.40-0.80	.016-.031	3500	790
47.5710	MH550/11.1/0.40-1.0	11.1	7/16	0.40-1.00	.016-.040	3500	790
47.5714	MH550/12.0-12.7/0.40-1.0	12-12.7	1/2	0.40-1.00	.016-.040	3500	790
47.5718	MH550/15.5-16.0/0.40-1.0	15.5-16	5/8	0.40-1.00	.016-.040	3500	790
47.5722	MH550/19.0/0.40-1.0	19	3/4	0.40-1.00	.016-.040	3500	790

**Features**

- Compact and modular design
- One piece of aluminium cast housing
- Strap tension up to 3500N (790 lbs) adjustable
- 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 PET strapping coils
- Sword
- Telescopic arch
- Movable machine
- Top/side/bottom 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 detecting sensor
- Thinner or rubber coated base protection plate
- Strap guide arch systems
- Control system
- Cycle counter inside the head
- Dust cleaning system