

High tension, 25 – 32 mm, friction welding



Technical data for strapping head MH610

| | | |
|--------------------------------|---|---------------------------------|
| Strap qualities | Polyester (PET) | |
| Strap dimensions: | widths | 25,0 – 32,0 mm / 1 – 1¼" |
| | thickness | 0,60 – 1,35 mm / 0.024 – 0.053" |
| 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 331,5 x H 450 mm / L 24.2 x W13.0 x 17.7" | |
| Weight | 118 kg / 260 lbs | |

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

Chart of types, strapping head MH610

| Item No. | Model | Strap widths | | Strap thicknesses | | Max. Tension | |
|----------|-------------------------------|--------------|------|-------------------|-----------|--------------|-------|
| | | mm | inch | mm | inch | N | lbs |
| 47.5611 | MH610/25-32/0.60-0.75/7.0/PET | 25-32 | 1-1¼ | 0,60-0,75 | .024-.030 | 7.000 | 1,570 |
| 47.5612 | MH610/25-32/0.80-1.35/7.0/PET | 25-32 | 1-1¼ | 0,80-1,35 | .031-.053 | 7.000 | 1,570 |
| 47.5614 | MH610/25-32/0.60-0.75/2.5/PET | 25-32 | 1-1¼ | 0,60-0,75 | .024-.030 | 2.500 | 560 |

Polyester (PET) strap

The MH610 strapping head has been designed for automatic, heavy duty industrial PET strapping applications. The head can process PET strapping from widths 25 to 32 mm, without any modifications. Very high strap tension settings of up to 7.000N (1,570lbs), allow the application of PET strapping with break strengths up to 18.000N (4,000lbs). It is the ideal system for transport securing of heavy, unitized goods in the Aluminium, Steel and Construction industry.

Features

- High strap tension. Adjustable up to 7.000N (1,570 lbs)
- One piece aluminium cast housing
- Compact and 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
- In particular HD Strapping in steel, aluminium and construction industry;