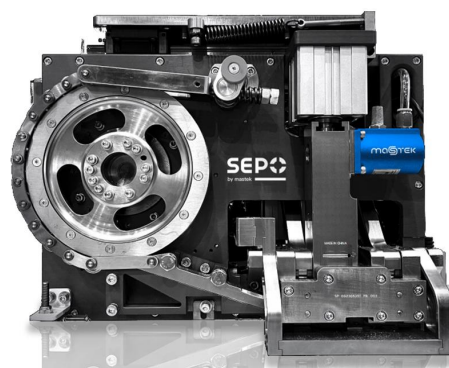




maSTeK



Mastek ultrasonic sealing heads feature an advanced strapping system that offers major advantages over traditional sealing techniques such as thermal welding. Using ultrasonic sealing, low amplitude high frequency vibrations are transmitted to the ends of the plastic strapping material creating a solid sealing. A custom Ultrasonic of the new sealing unit, joins the strap ends at high speed for superior and consistent strapping seals. Unlike heat seal systems, SEPO II Ultrasonic strap seals are made without the use of high temperature components, improving safety and generating lower emissions. The "less is more" design concept is operator friendly, requiring minimal maintenance and reduced parts usage.



Less Is More Durable Design

- ★ Less Wear Parts
- ★ Less Preventative Maintenance
- ★ Less Complicated inner design (each parts by module design)

3 Years Warranty on any part of the Ultrasonic strapping head



Ultrasonic & Servo Technology High Performance

- ★ Ultrasonic Sealing Both for PP & PET
- ★ Smokeless, Dustfree, Low Noise Level
- ★ >90% of the strap breaking load
- ★ The servo system precisely controls each belt tension, ensuring a consistent seal in any environment.

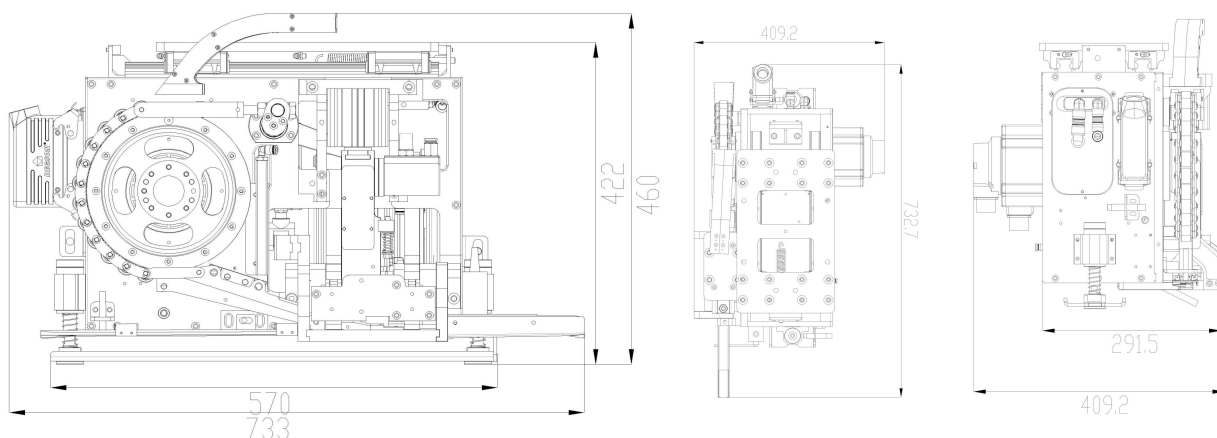


Smart Function Safer Operation

- ★ Intelligent self-cleaning system, reduce manual cleaning actions.
- ★ Smart End of Strap Position Detection, through the sensor to ensure that the band end is always in the correct position, reducing manual inspection.
- ★ Smart Tension Electric is adjusted via HMI, which is safer and more intuitive.

TECHNICAL DATA		Strap/Joint	
Kind of drive	Servo Motor Drive & Cylinder	Type of strap	PP PET
Tension force	500 - 3,000 N (adjustable) Standard	Strap Size	1208 (12mm wide/0.8mm thickness) 1508 (15mm wide/0.8mm thickness) 1908 (15mm wide/1.0mm thickness) 1510 (15mm wide/1.0mm thickness)
Mains voltage	380V/220 V AC / 50 Hz/60HZ 3P/1P		
Connected load	2.5 kW		
Current consumption	4 A		
Strap conveying speed (depending on strap thickness)	approx. 2 m/s approx. 6.6 ft/s	Kind of seal	Ultrasonic Seal
Pneumatic Data		Sealing strength (depending on strap quality, strap dimensions)	up to 90% of the strap breaking load
Air consumption	2-3CFM @ 60-80 PSI	Optional	
Screws Quantity for installation	8 screws		
Weight	ca. 80 kg approx. 176 lb	① strapping head	Friction type (Only PET)
Electric Drawing /Program Logic /Machine frame drawing /Accessories	Available	② anti-explosion strapping head	Dust Proof level SEPOII (anti)
Warranty	3 Years		

Drawing by rmm





Packing Materials & Tool



Mastek Tool Box



Mastek Knife for film & strap



1508 PET Strap



14mic Super Nano Film