

# Strapping Head

The strapping heads **GT41** and **GS41** are designed for fully automatic strapping machines with PP or PET plastic strap and vibro welding seals.

Our offering includes 2 different strapping heads (N or HT) for all needs.

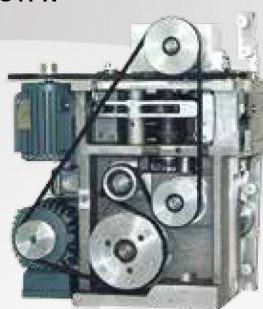
Constant sealing strength of different types of PP and PET plastic straps is therefore ensured.

The optimal gear ratio can be chosen according to the specific needs of the customers to maximize the performance of the strapping heads. This results in the optimization of the strap feed, the take-up and tensioning speed, ensuring the best strap tension level needed in each single application. A maximum strap tension reserve guarantees a high lifetime and reliability of strapping head. The accurate two-dimensional guidance of the oscillating crank unit in conjunction with the precision roller bearings guarantees a permanent low-noise operation with almost no wear.

**GT41 N**



**GS41 N**



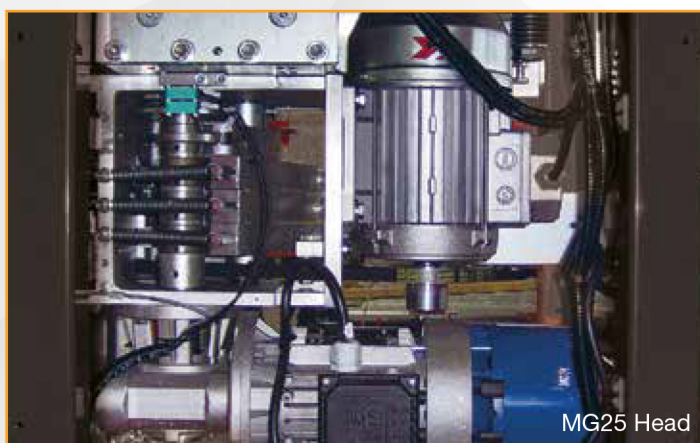
**GS41 HT**



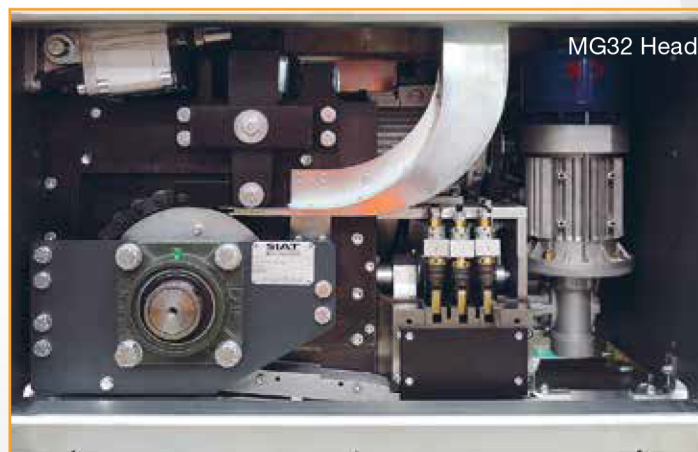
	<b>GT41 N</b>	<b>GS41 N</b>	<b>GS41 HT</b>
Dimension (LxWxH) mm	519 x 280 (290) x 462	519 x 280 (290) x 462	519 x 280 (290) x 462
Weight	78 Kg	78 Kg	78 Kg
Electrical supply	400 V / 3 Ph / 50 Hz	400 V / 3 Ph / 50 Hz	400 V / 3 Ph / 50 Hz
Control voltage	24 V DC	24 V DC	24 V DC
Power input	1.0 kW	1.0 kW	1.0 kW
Type of welding	Vibro (Friction) Welding	Vibro (Friction) Welding	Vibro (Friction) Welding
Friction time	approx. 0,5 bis 1,8 sec.	approx. 0,5 bis 1,8 sec.	approx. 0,5 bis 1,8 sec.
Tensioning time	approx. 0,5 sec. to max. unlimited adjustable	approx. 0,5 sec. to max. unlimited adjustable	approx. 0,5 sec. to max. unlimited adjustable
Strap types	PP / PET Strap (machine grade)	PP / PET Strap (machine grade)	PP / PET Strap (machine grade)
Strap width	10, 12 and 16 mm	10, 12 and 16 mm	10, 12, 16 and 19 mm
Strap thickness	0,5 - 1,0 mm	0,5 - 1,0 mm	0,5 - 1,27 mm
Strap feed/take-up speed	up to 7 m/sec. (adjustable via inverter)	up to 4 m/sec.	up to 3 m/sec.
Strap tensioning control	through inverter	through powder clutch	through powder clutch
Tensioning speed	0,04-0,14 m/sec	about 0,11 m/sec.	about 0,08 m/sec.
Strap tension	50 - 4400 N	50 - 4400 N	50 - 5500 N

## 25/32 mm VIBRATION STRAPPING HEAD

PET strap tensioning up to 8000 N.  
High levels of tension for PET straps.  
Strap dimensions: width of 25/32 mm & thickness of 1,2 mm.




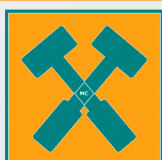
MG25 Head



MG32 Head

Electromechanical functioning.  
Strap tensioning 1000-8000 N.  
Strap feed speed 3 m/sec. Adjustable through inverter  
Power supply 400V triphase + n 50 Hz auxiliaries 24V

for more details: 



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