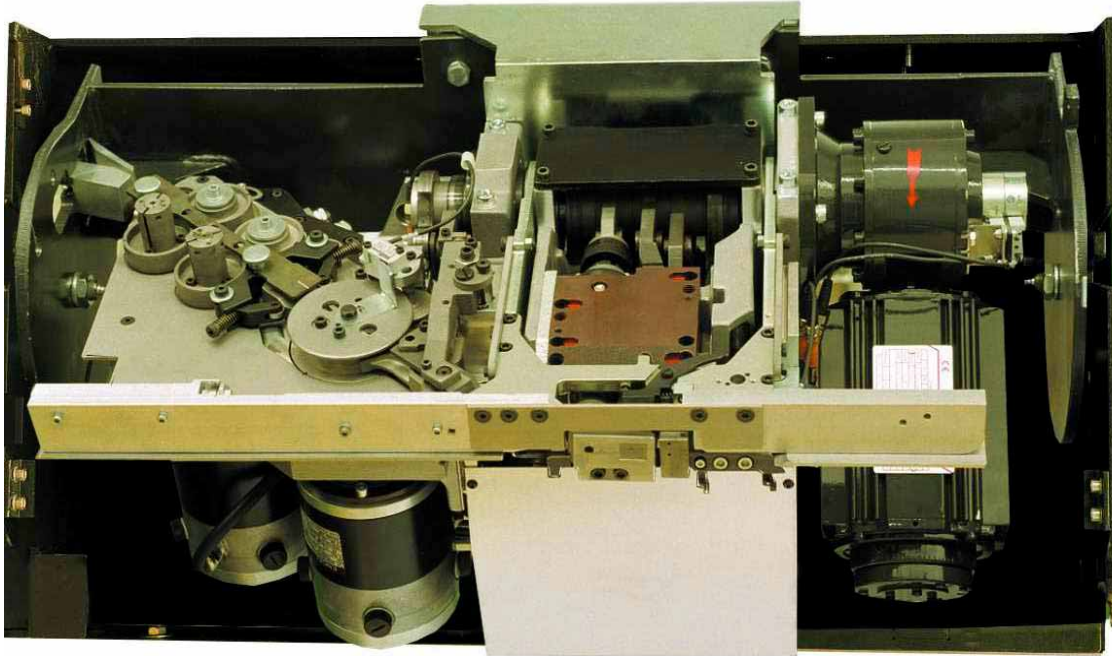


SIGNODE – MD strapping head

Modular strapping head – for 9 to 16 mm PP and Polyester strapping

Maximum productivity

Modular System



Reduced Maintenance

Modular Innovation

Features and benefits

Reliable – Clutchless multi-motor technique in combination with cam driven functions provide highest reliability levels for all industry applications.

Long Operational Life – High quality parts which were designed for heavy duty application guarantee consistency, durability and low spare parts consumption.

No Adjustments – All factory settings are fixed eliminating the need for time consuming adjustments.

Easy service – A quick-release exchangeable welding module plus easy access to strap path and all main parts of strapping head allows for easy servicing.

High Joint Strength – The patented “SwingWELD” vibration-weld technology provides high joint strength levels at high repeat accuracy - for polyester and polypropylene strapping.

High Strap Tension – The patented winder system provides outstanding accuracy and repeatability (at a max. variation of +/- 3%) from 80 to 2000 Newtons (alternatively 80 to 2400 N).

High system flexibility – two versions of strapping head suit polypropylene or polyester strap in either 9 – 13 or 12 – 16mm widths.

Sealing module



Take-up & Feed Wheels



Exchangeable Welding Module



SIGNODE – MD Strapping Head

Modular strapping head – for 9 to 16 mm PP and Polyester strapping

Design, function and operation

The **MD** head is designed to be used in strapping equipment serving applications in industries such as corrugated, construction, timber, graphics, furniture, appliances, etc..

The multi-motor-technique, combined with a reliable cam shaft operation for all major functions, offers the highest reliability currently available in industry. Cast parts throughout as well as surface treated parts ensure a long life operation for each head.

The unique „SwingWELD“ sealing technology allows the processing of polypropylene and polyester strapping with the same head and ensures high joint strength levels.

Consistent and reliable tension levels from 80 to 2000 N (alternatively 80 to 2400) can be achieved with the patented high tension winder making the head suitable to strap a wide variety of products such as roof tiles, concrete blocks and slabs, palletised corrugated sheets, wooden bundles, signature bundles, dishwashers, and many more medium duty applications.

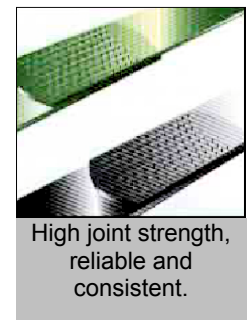
The **MD** offers unique serviceability. All major parts are easily accessible. Being a key component, the sealing module is exchangeable for maintenance purposes, allowing production to continue operation with a spare module.

Technical Data

Sealing method	‘SWINGWELD’ vibration weld
Sealing time	between 0.4 and 0.8 seconds
Vibration frequency	150 Hz
Tensioning method	High Tension Winder
Tension range	80 to 2400 Newtons
Feeding speed	1,6 to 4,2 m/s
Controls	PLC Siemens
Power supply	400/440 V, 50/60 Hz , 3 Ph
Control voltage	24 V DC
Power consumption	2.15 kW
Noise level	79 dB(A)
Strap centre line pos.	70 mm from side of strapping head
Strap type	Polypropylene and Polyester
Strap dimensions	from 9 to 13mm or 12 to 16mm
Weight total	106 kg

Strapping Materials

Signode Dylastic® Polypropylene 9 to 13 mm	Signode Tenax® Polyester 9 to 16 mm
654, 714, 716, 718, 816, 818	1616, 1716, 1718, 1818, 1822, 2030, 2040, 2080



Standard Features

- SwingWELD Sealing Technology
- Cam Drive Technology
- High Tension Winder
- No adjustments
- Clutchless Multi-Motor-Technique
- Exchangeable Sealing Module
- Minimized parts wear
- PLC Control
- Autofeed capable
- Processes Polypropylene and Polyester

