



CANS & BOTTLES STRAPPING/WRAPPING

PACKAGING SOLUTIONS. SINCE 1949





AV1800

ROTATING ARM WRAPPING MACHINE

Technical data

Power supply

Voltage	400V 3Phases (50Hz)
Installed power	~ 7,0 kW

Air supply

Pressure	5,5 ÷ 6,5 bar
Consumption	~ 24 NL/cycle

Film coil size

Width	500 mm
Max external diameter	250 mm
Max weight	~ 20 kg

Production

Capacity	Up to 70 packs/h (no top sheet)
----------	---------------------------------

Pack size (standard machine)

Long side Min./Max.	500 / 1600 mm
Short side Min./Max.	410 / 1200 mm
Height Min./Max.	500 / up to 1600 mm

The rotating arm wrapping machine AV1800 is designed for applications with high production rates and allows the wrapping of unstable or light loads. The variable arm rotation (up to 32rpm) and film-carrier traverse speeds driven by belts allow the amount of film overlap on the pack to be adjusted to suit the wrapping needs.

The film-carrier incorporates a powered film pre-stretching unit up to 300% ratio. The results are a largely increased reliability and reduced maintenance as well as

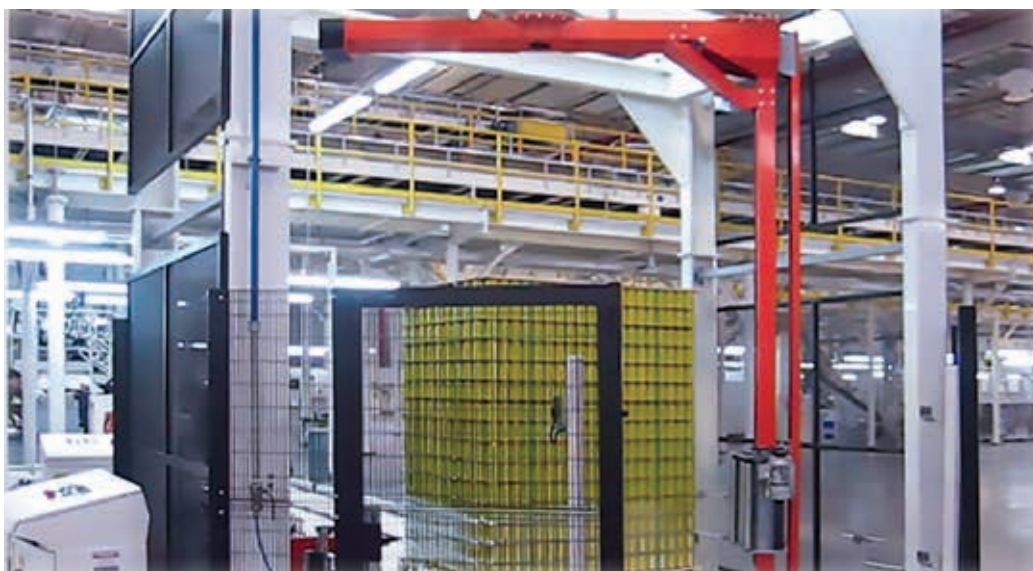
stable loads with minimal film consumption.

The AV1800 Premium model can be equipped (optionally) with the Top Sheet device which allows you to automatically obtain an integral wrapping on the five sides of the pack, ensuring excellent protection from water, dust and atmospheric agents.

At the end of the cycle, the film is held in a gripper assembly. Then film is cutted and welded (with a hot pad) using a special arm device.

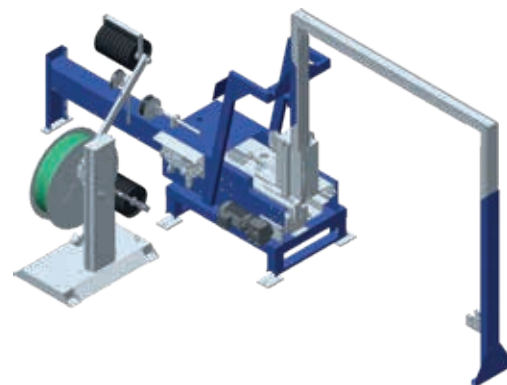
Options:

- > Top sheet device (Separated top sheet dispenser AT05 is available)
- > Motorized or Pneumatic top press, stabilizer for unstable loads
- > Roping device



875-AB

AUTOMATIC SIDE STRAPPING MACHINE



Technical data

Power supply	
Voltage	400 V (50Hz)
Installed power	~ 2 kW
Air supply	
Pressure	5,5 ÷ 6,5 bar
Consumption	~ 5 NL/cycle
Coil size	
Max internal diameter	390 ÷ 405 mm
Max external diameter	600 mm
Pack size (standard machine)	
Lenght	1200 mm
Width	800 / 1200 mm
Applicable strapping heads	
TR1400 / TR1400HD / VYBRO Plus / SONIC Plus (PET / PP) TR1800 (PET) / TR200 (PP)	
Strap	
Type of strap	Polyester (PET) Polypropylene (PP)

Options:

- > Top press up to 500 kg
- > Strap pre-feeding device



The Automatic Strapping Machines model 875 have been developed to strap palletized products vertically. These machine can be inserted in completely automatic lines where input and output signals are exchanged with devices installed upstream and downstream the line, or they can work separately in stand-alone mode. As all OMS strapping machines, the 875 can be equipped with a strapping head most suitable to production requirement.

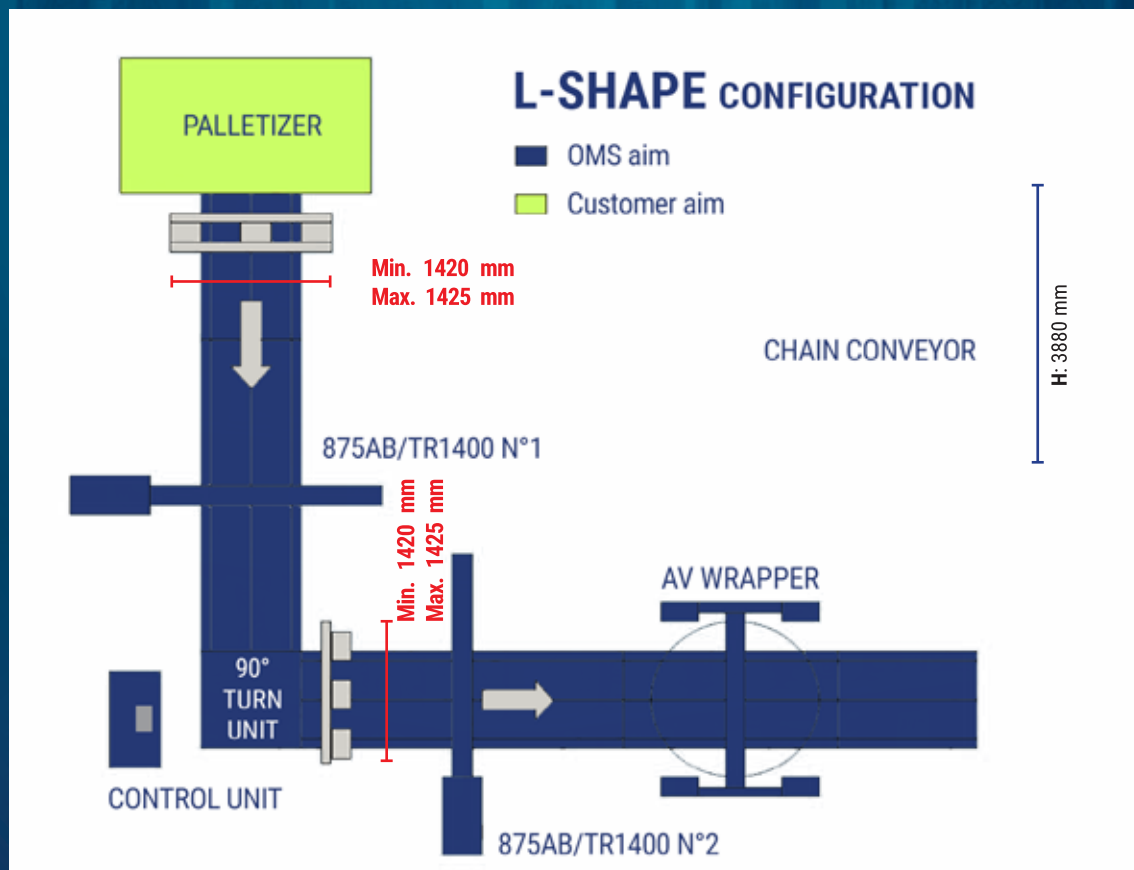
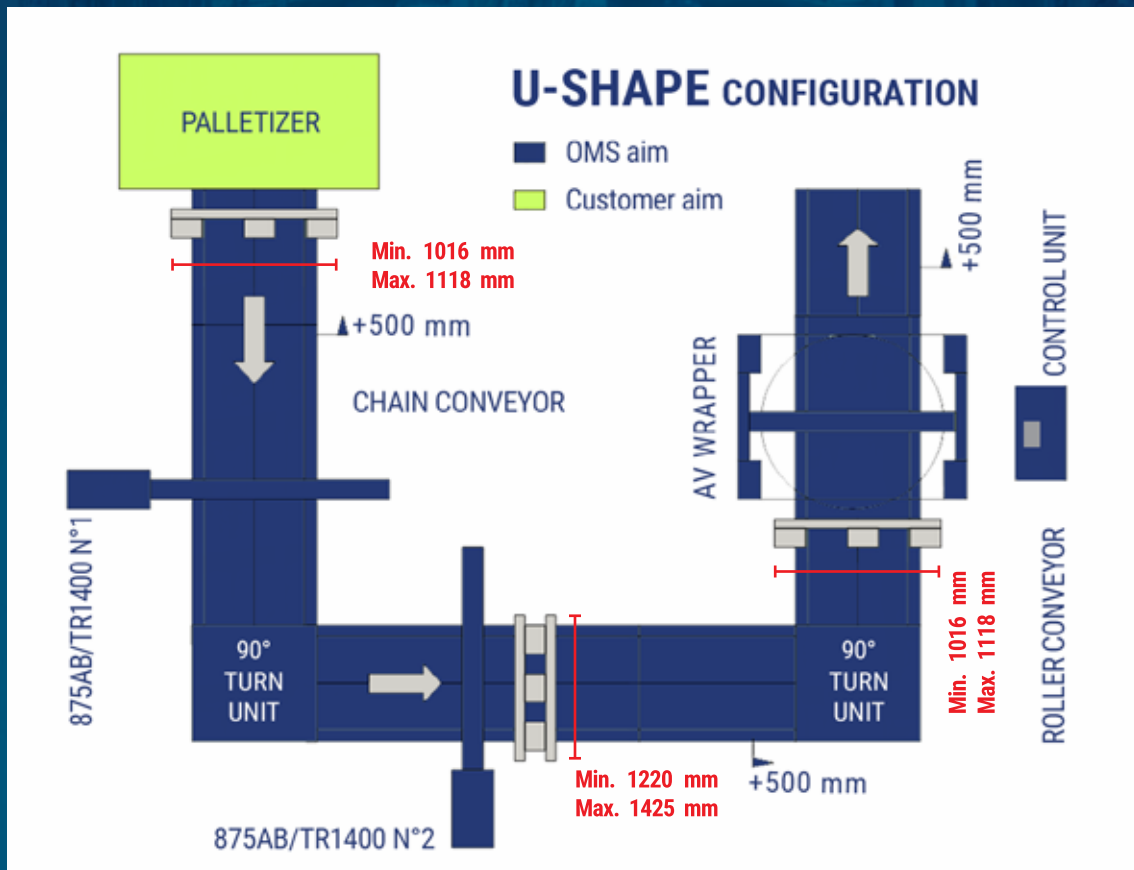
Typically the 875-AB Side Seal Strapping Machine for "Cans & Bottles" is equipped with a modular strapping head from the TR series and as "optional" the 500 kg press. The strapping head is designed to use polyester strap, tested to work in the toughest working environments. It can to apply a maximum tension (based on the head used). With the strapping head's heat seal technology full service is required only every 200.000 cycles.

Optional equipments Cans & Bottles machine/lines:

- > Pedestal or desk type control panel
- > Driven conveyors
- > Centering device
- > Pack rotation device for cross strapping



The OMS solutions for **Cans & Bottles** sector



Typical layouts of the sector. **Customized solutions are available.**

APPLICABLE STRAPPING HEADS

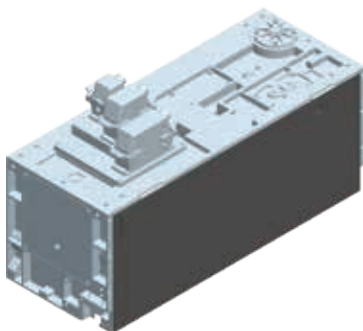
Photo: VYBRO Plus



VYBRO Plus | Friction Sealing Technology

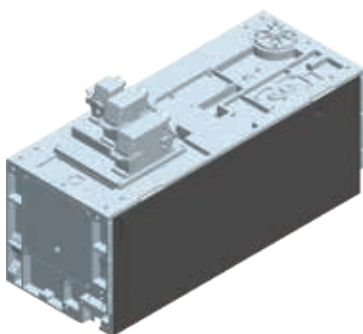


Strap type	PET - PP
Strap width	9 ÷ 12 mm
Strap thickness	0,4 ÷ 0,6 mm
Max feeding and recovery speed	5,5 m/s
Strap tensioning	Up to 1500 N
Utilization temperature	+5° ÷ 50° C
Noise level	< 70 dB
Options	Strap refeeding device



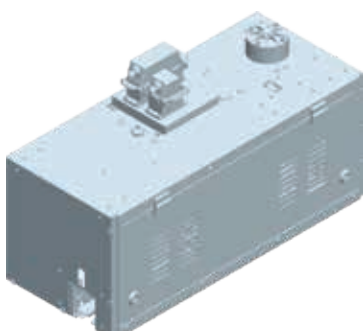
TR1400-1400HD

Strap type	PET
Strap width	9 ÷ 16 mm
Strap thickness	0,6 ÷ 1 mm
Max feeding and recovery speed	5,5 m/s
Strap tensioning	2300 N
Utilization temperature	-10° ÷ 50° C
Noise level	< 70 dB
Optionals	Strap refeeding device



TR1800

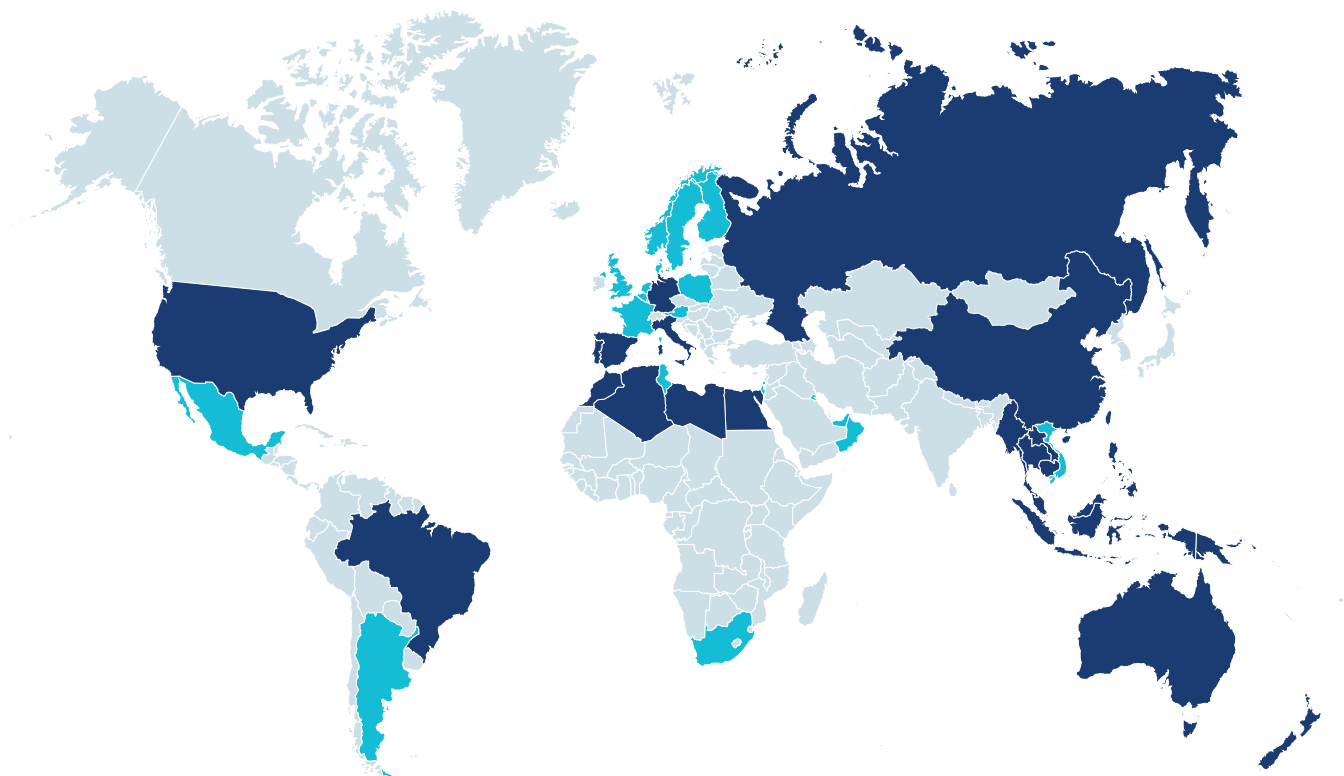
Strap type	PET
Strap width	12 ÷ 19 mm
Strap thickness	0,6 ÷ 1 mm
Max feeding and recovery speed	2,7 m/s
Strap tensioning	4000 N
Utilization temperature	-10° ÷ 50° C
Noise level	< 70 dB
Options	Strap refeeding device



TR200

Strap type	PP
Strap width	8 ÷ 12 mm
Strap thickness	0,5 ÷ 0,8 mm
Max feeding and recovery speed	4,4 or 8,8 m/s
Strap tensioning	Up to 1500 N
Utilization temperature	-10° ÷ 50° C
Noise level	< 70 dB
Options	Strap refeeding device

OMS in the World



● Subsidiaries ● Distributors

ITALY www.omsspa.com www.omstrap.it www.marpak.it	GERMANY www.oms-ips.com	SPAIN www.omsespana.com	PORTUGAL www.embalcer.pt	RUSSIA www.omssystems.ru
MAGHREB contact@omsmaghreb.com	SINGAPORE www.omssin.com.sg	BRASIL www.omsbr.com.br	USA www.greenbridge.com	AUSTRALASIA www.omsaus.com.au
THAILAND www.omsthai.com	UK www.gordianstrapping.co.uk	AUSTRIA www.riegler-verpackungstechnik.com	BENELUX www.certis.be	FRANCE www.getra.fr
UAE / OMAN / KUWAIT www.consentplastic.ae	DENMARK www.walpak.dk	FINLAND www.telpak.fi	MEXICO enrico@italcer.net	ARGENTINA www.exim-consult.com
ISRAEL www.mmts.co.il	TUNISIA www.toupackgroup.com	VIETNAM sales_advance@hcm.fpt.vn	SOUTH AFRICA www.futurepack.co.za	

For additional details, visit: www.omsspa.com/en/the-group



Officina Meccanica Sestese S.p.A.

📍 Via Borgomanero, 44 - 28040 Paruzzaro (NO)

☎ Tel.+39 0322 541411 - Fax +39 0322 53157

💻 www.omsspa.com ✉ info@omsspa.com