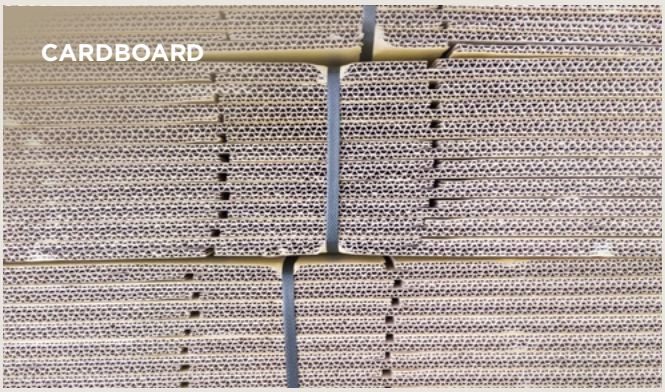
OMGM
EXTRUSIONTECHNIK

A JOINT VENTURE
LOHIA CORP LIMITED X OMGM SAS

STRAPTEC

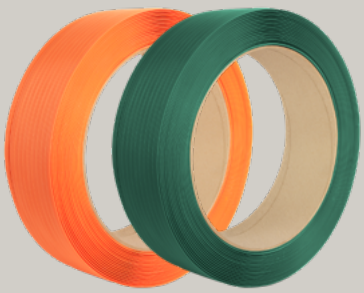
STRAPPING EXTRUSION LINES

SMART ENGINEERING.
SEAMLESS INTEGRATION.



ENGINEERED FOR EXCELLENCE

At OMGM Extrusiontechnik, we deliver a complete suite of strapping extrusion and winding systems engineered to set new standards in the packaging industry. Integrating precision extrusion with advanced winding technology ensures that every strap exhibits exceptional tensile strength, durability, and uniformity.

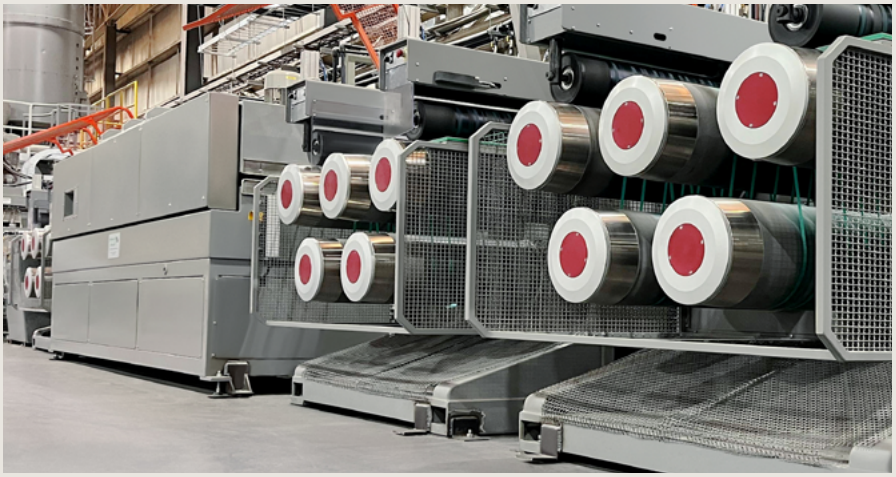


GREENER FUTURE

Our state-of-the-art strapping extrusion lines are engineered to process not only virgin polymers but also recycled plastics. By incorporating recycled inputs, our technology supports a circular economy, reduces waste, and lowers the carbon footprint associated with traditional packaging solutions. This sustainable approach empowers our customers to achieve their environmental targets without compromising on efficiency, ultimately paving the way for a greener, more responsible future in packaging.

04 - 32mm w

Packaging requirements can be unique, and our systems are fully customizable to produce strapping in a wide range of dimensions. Our modular design and precise process control ensure that every strap maintains consistent thickness, strength, and surface finish—delivering reliable performance every time.



ENERGY-EFFICIENT EXTRUDERS

The advanced extruder systems are engineered to precisely control polymer temperature and pressure, minimizing melt degradation while ensuring optimal flow. This not only reduces energy consumption but also maintains high output rates and consistent material quality, driving sustainable production with lower operational costs.

STATE-OF-THE-ART STRETCHING TECHNOLOGY

Our cutting-edge stretching units provide exact control over molecular orientation, which is critical for enhancing the tensile strength and elongation properties of the straps. By aligning polymer chains optimally, our technology ensures that every strap meets rigorous performance requirements for both lightweight and heavy-duty applications.

PRECISION WINDING & COILING

The fully automated winding systems are designed with sophisticated traverse and tension controls, guaranteeing uniform winding and consistent layering of straps. This precision in take-up not only prevents defects such as stretching or overlapping but also streamlines downstream operations, significantly reducing manual handling and boosting overall productivity.

CUSTOM DIE HEADS & CALIBRATORS

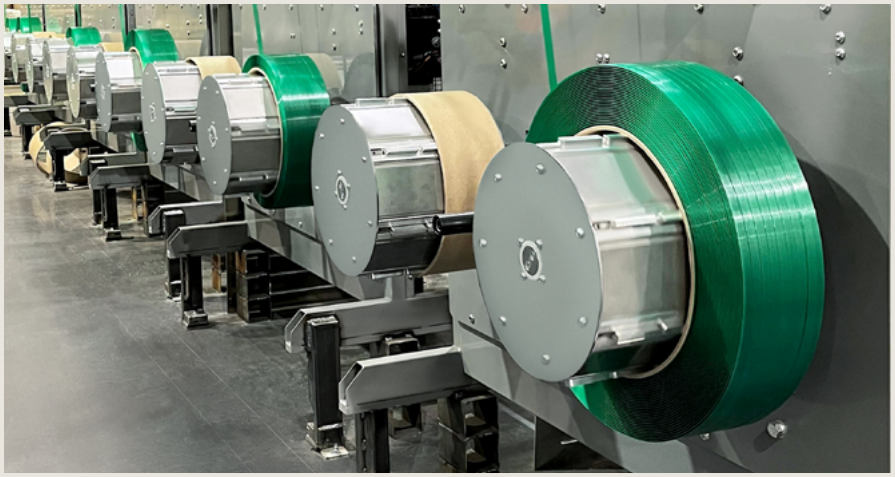
Leveraging innovative die design, the custom die heads and calibrators offer exact control over the extruded strap's geometry. They ensure consistent width, thickness, and smooth edge profiles by uniformly distributing the polymer melt across the die. This precision is essential for producing high-performance strapping that meets the most stringent quality standards.

INTEGRATED AUTOMATION & MONITORING

Our systems are equipped with advanced PLC controls that provide real-time monitoring and automated adjustments to critical process parameters. This smart integration minimizes downtime, maintains uniform product quality over extended production runs, and ensures a seamless, efficient manufacturing process.

0.32 - 1.5mm t

Our advanced extrusion lines for PP/PET strapping are designed to produce strappings that secure, bundle, compress, and hold any goods with absolute reliability. Built for efficiency and precision, our solutions ensure consistent quality, superior bonding, and optimal stretch properties—meeting the toughest demands of industrial and consumer packaging.



PP

The PP systems are designed for lightweight packaging applications such as bundling, carton packing, and securing goods during transport. Engineered for superior tensile strength and resilience, these lines consistently produce straps that protect and stabilize products under dynamic shipping conditions.

SCREW DIA (MM)
75 - 120

WORKING WIDTH (MM)
250 - 550

MAX MELT OUTPUT (KG/HR)
120 to 400

MAX MECHANICAL LINE SPEED (MPM)
Up to 200

PET

Optimized for heavy-duty packaging, our PET extrusion lines offer robust strapping solutions as a sustainable alternative to steel. These systems generate PET straps with high tensile strength and exceptional elongation properties, making them ideal for securing larger loads and industrial applications.

SCREW DIA (MM)
80 - 160

WORKING WIDTH (MM)
250 - 750

MAX MELT OUTPUT (KG/HR)
150 to 800

MAX MECHANICAL LINE SPEED (MPM)
Up to 200

The design/configuration of machines can be customised for specific applications/ output requirements.

For details refer to quotation.

Specifications are subject to change without prior notice, due to continuous developments. Anything appearing in brochure is indicative and not binding.

PRECISION x PERFORMANCE

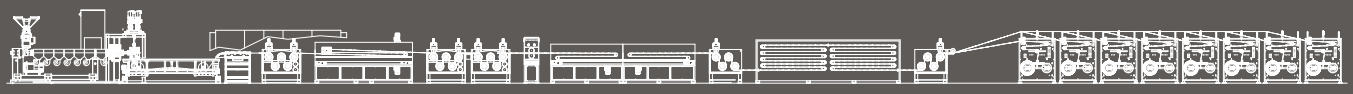
OMGM Extrusiontechnik is a strategic joint venture that brings together OMGM sas. (Italy), known for its Italian engineering excellence and decades of expertise in specialised extrusion lines for production of high-performance monofilament and strapping and Lohia Corp Limited (India) — a globally recognized leader in woven plastics machinery, with strong manufacturing capabilities and extensive international market presence.

This synergy combines European innovation with world-class manufacturing excellence, comprehensive support & service, helping customers achieve maximum productivity and return on investment.

OMGM Extrusiontechnik delivers a wide range of machinery for extrusion & winding of monofilament yarns and strapping. With a shared vision of advancing technology and enhancing customer success, we are ready to empower businesses with new benchmarks in performance, reliability, and efficiency.

OPTIONAL EQUIPMENT

- Dosing & Mixing
- Dryer & Crystalliser
- Embossing
- Chiller
- Printing (up to 3 colour)
- Semi-Automatic Winders



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