



Seamless combination of roll wrapping and roll handling



Roll handling solutions

Saimatec wrapline is completed with our complete range of roll handling equipment to a fully functional roll finishing system. Saimatec's complete delivery includes all roll handling operations from winders through wrapping line to warehouse. Standard roll handling components such as slat conveyors, turning conveyors and turntables, stoppers and receivers, vertical conveyors, upenders, sorting ramps and storage conveyors are accompanied with customised models for special purposes, for example when space usage is critical. All controls with roll data management and roll tracking functions are included in Saimatec's delivery, and controls are carefully integrated with roll wrapping functions. This comprehensive approach provides ease of operation and maintenance, yielding low operating cost and best return for investment.



Top Quality Wrapping with Top Productivity



ROBOWRAP™

Maximun return out of your production line - ROBOWRAP™



Winning techonology for capacities from 30 to 200 rolls per hour

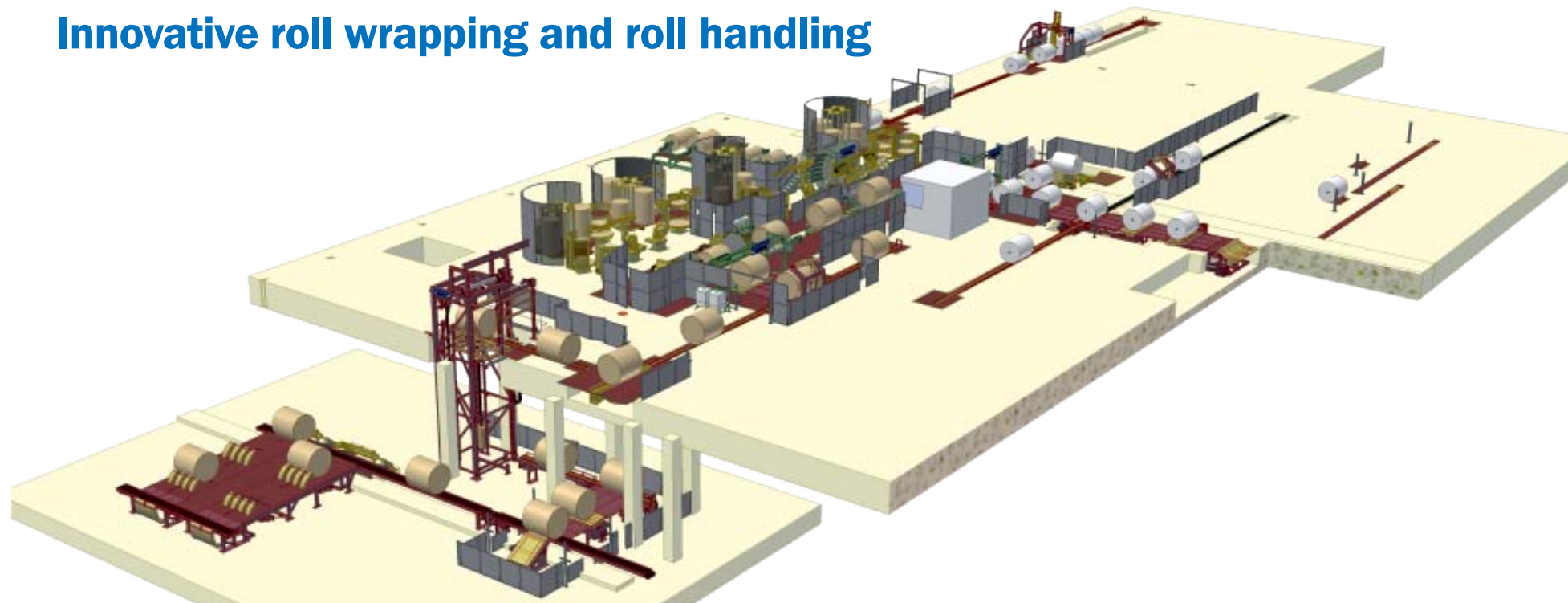
RoboWrap Single concept makes full automation of smaller scale wrapping systems affordable. It uses an ingenious combination of a single robot and a manipulator for handling of both inner and outer heads. In addition to the low investment cost, operation of RoboWrap Single becomes very economical, as it does not need a dedicated operator. Operational safety is another key benefit of full automatic operation.

RoboWrap Shuttle is another innovative solution for full automatic wrapping at medium capacity range. Operational safety, ergonomics and ease of operation are the key benefits of this concept which makes ingenious use of Saimatec's renowned Optima wrapping technology. Shuttle concept is especially suited for modernization projects in limited time frame, as the system often may be built parallel to an existing wrapping line, requiring only a short shutdown.

RoboWrap Standard is the proven full-automatic wrapline for high-output paper mill. The system is operated with one operator and designed in a robust way resulting in low maintenance cost despite high production figures. RoboWrap Standard is available in two layout alternatives, either with indexing wagon or slat conveyor. Standard uses heavy-duty industrial robots for automatic inner and outer head handling, designed for years of continuous operation.

RoboWrap Twin is the flagship of RoboWrap fleet, for the most demanding capacity and uptime requirements. On-the-fly refilling of materials and consumables, double robots for inner and outer heads, highest level of automation; all these contribute to minimizing shutdown time due to housekeeping and maintenance. Operated by a single operator, RoboWrap Twin holds the world record of wrapping capacity, 4000 rolls per day.

Innovative roll wrapping and roll handling

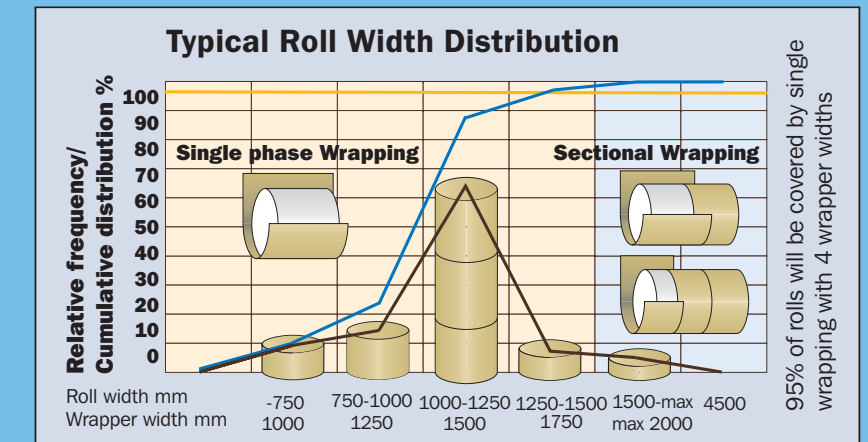


RoboWrap key benefits

- Low operation cost
- Steady performance with top quality
- Operational safety and ergonomics
- State-of-the-art patented features
- For modernization and upgrades as well

Optima or Classic wrapping method

All RoboWrap systems are available for both Optima and Classic wrapping styles. Classic style uses single wrapping with a number of different wrapper widths covering all roll widths. The patented Optima system combines the benefits of single wrapping for the majority of rolls, and overlap wrapping for bigger rolls.



Semi-automatic CombiWrap systems



For mills not preferring full automation, the CombiWrap range of semi-automatic wraplines is a proven solution. In a semi-automatic system wrapping sequence itself operates automatically, just like in the RoboWrap system. Placing of inner and outer heads as well as shipping labels is operator's task. In cases where the production figures are not that high, CombiWrap system is the economical solution with ease of operation. Jumbo rolls up to 5000 mm in width and 10 tons in weight are wrapped with CombiWrap Optima System.