

SIGNODE RETURNABLE TRANSIT PACKAGING SYSTEMS

RTP products and services for reducing total cost of operations

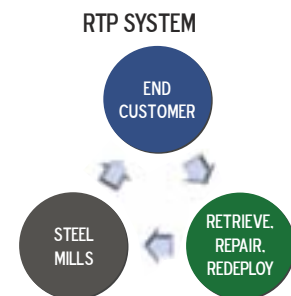


Building green supply chains - reduce, reuse, recycle

Indian Steel Industry consumes a substantial volume of wood for packaging and lashing. Wood accounts for 60% of packaging cost in steel service centers. While the monetary value is not significant, availability and environmental impact have begun to play a large role in the Industry wanting to move away from the current practice of using wood as an expendable resource.

Over the years, Signode has quietly implemented a major wood saving initiative - wagon lashing, saving millions of cubic meters of wood. Through packaging services, Signode has redesigned skids, facilitated strap recycling and introduced lighter and stronger materials to reduce packaging bulk and improve fuel efficiency.




To provide greater impetus to 'Green' movement, Signode is now introducing Returnable Transit Packaging (RTP) products for Steel Industry.



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RTP products and services for reducing total cost of operations

Three major focus areas for RTP systems implementation are

Focus Area	Signode RTP System	
<p>Lashing and bracing Large quantities of wood are used for wagon, truck and container lashing. Hence, there is every need to retrieve and reuse the wood and where possible replace with wood alternatives.</p>	 <p>Wooden skid redesigned by Signode with 20% wood reduction</p>	
<p>Coil Dispatch Downstream and cold rolled coils also consumes large amount of wood for skids and packaging.</p>	 <p>Engineered plastic reusable Signode Skids. Bar coded, web based track and trace</p>	
<p>Service Centers Consume an average one CFT of wood per ton for pallets and skids for sheet bundles and coils on a one way basis.</p>	 <p>Metallic adjustable reusable Signode Pallets. Bar coded, web based track and trace</p>	

Signode RTP System scope:

- Study and scope opportunities for RTP System
- Short term - establish returnable management process
- Medium/long term - replace wood
- Signode Pallet track and trace for visibility across supply chain
- Standardization and common pallet /skid pool for the industry

Benefits:

- Reduced wood consumption
- Reduced packaging cost
- Green logistics



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