



**HANDLING**  
CONCEPTS

# Roll Handling Systems



Your handling problems solved.

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Handling Concepts has substantial experience in systems engineering for users of roll handling equipment. Whether it be single stand-alone machines or whether it be larger-scale integrated production lines, we have the capability to make a valid input to new project implementation. We supply not just the equipment but also the intellectual input to ensure the right choices are made and then correctly engineered and implemented to meet customer objectives.

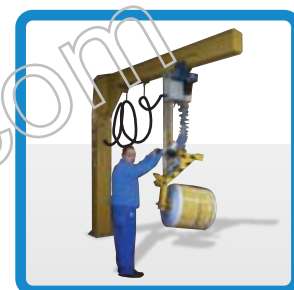
## Small Roll Turners

Small roll turners operating from overhead air hoists can be provided for weights up to 100kg – normally these use manual power to turn the roll through a carefully balanced design.



## Large Roll Turners

Similar roll turners scaled up for larger rolls (typically 300kg), can be suspended below heavy duty chain hoists and use electric power to rotate the roll from vertical to horizontal.



## External Gripping

As well as internal gripping of the core tube, external gripping can be brought to bear when the presence of a shaft in the core dictates. This photo shows a particularly heavy roll at 500kg with external gripping and powered rotation.



## Bulk Rolls

Bulk rolls requiring to be handled ahead of slitting operations can also be lifted and tipped between horizontal and vertical orientations



## Ancillary Equipment

In addition to roll manipulators, we can provide various pieces of ancillary equipment. Up-enders (as shown), shaft extractors and handlers, conveyor systems, transporters etc. can all be engineered to suit project requirements

