

# VORTOK<sup>®</sup>

## DE-STRESSING ROLLERS



The Vortok<sup>®</sup> Rail De-Stressing Roller system brings new levels of accuracy, performance, safety and efficiency to the de-stressing process. During the de-stressing process the rollers minimize friction and allow stress distribution along the entire length of the rail. This very low friction vastly improves the quality of the de-stressing operation. It replaces old techniques that required 3 different pieces of equipment. It acts as an under-roller, side roller and lifting device all in one. It reduces the time needed to complete the work, reduces the number of people required, operates in a much safer way and results in higher quality track.

 **PANDROL**

TRACK SYSTEMS

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# VORTOK® DE-STRESSING ROLLERS

## Improving the Process

Until the introduction of the Vortok De-Stressing Roller system an operator had to use a jack to lift the rail from an unclipped tie. A second operator would then insert under rollers before the rail is allowed to drop back down. This process requires that the operator's hands go under the rail increasing the risk of injury. With the new system there is no need for the operator's hand to go under the rail.

The de-stressing rollers drop into place and lock securely on the shoulder used by the PANDROL rail fastening. The operator then puts the roller in the raised position; all within a maximum of 15 seconds. The removal process is also fast and easy.

## Cost Reduction

The life expectancy of the rollers is at least 10 times that of conventional rollers. Therefore, over the life of the equipment, significant savings can be achieved.

## Safety

Current rail de-stressing processes require that the operator's hands go under the rail, increasing the risk of injury. With the Vortok rail de-stressing roller system there is no need for the operator's hand to go under the rail.

The fact that the rail is supported over its entire length and that the system is self locking adds to the overall safety of the system.



*The Vortok De-Stressing Roller system is available for use with PANDROL 'e' clips, PANDROL FASTCLIPs and PANDROL SAFELOK I fastenings.*

**PANDROL**  
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