

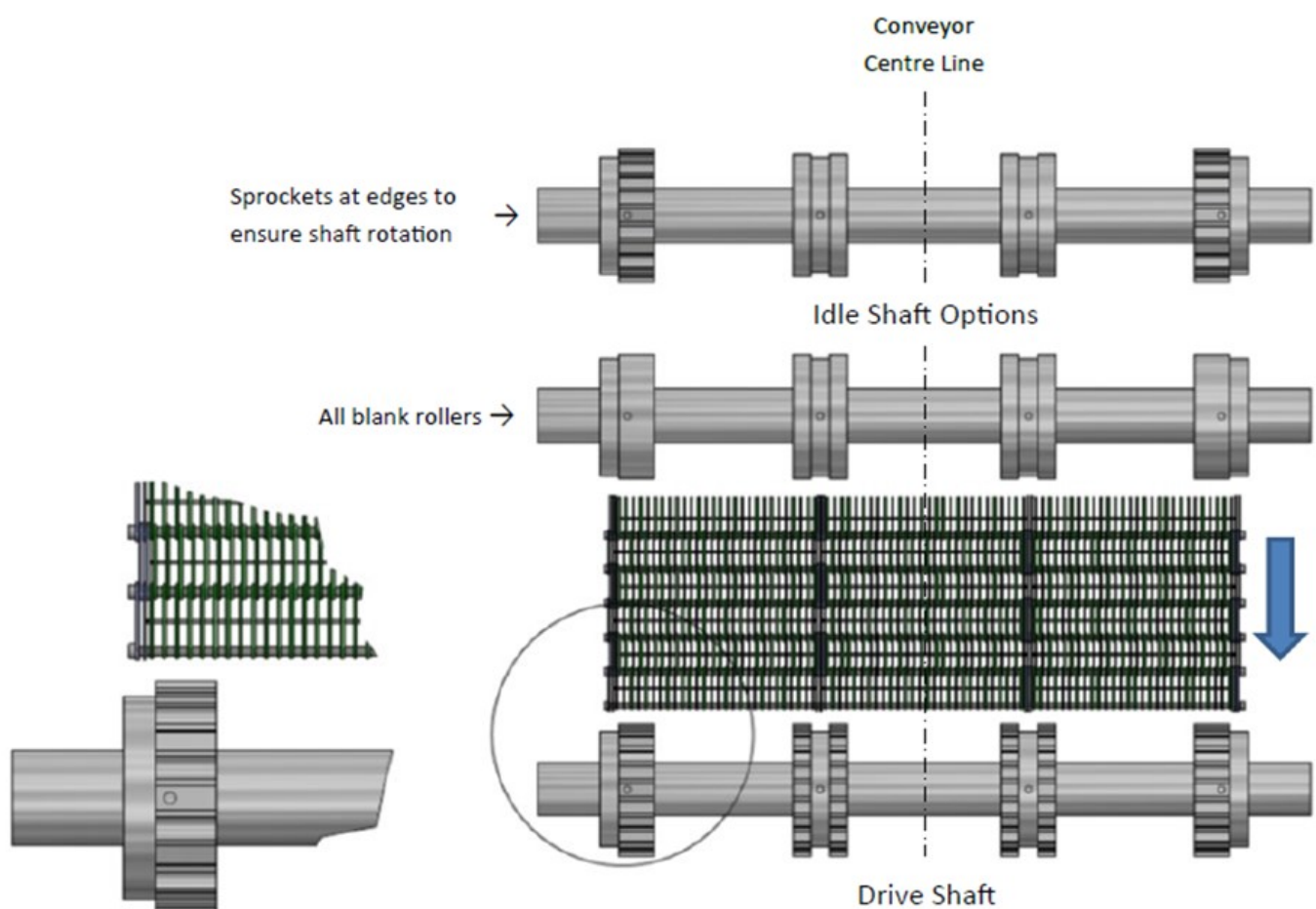
Eye-Flex[®] Conveyor Belting

Drive & Idle Shaft Set-up Instructions

All drive sprockets and blank rollers are supplied with a single tapped hole fixing and key slot.

The drive shaft sprockets are to be positioned as per the diagram below. Ensure that the sprockets are set centrally to any rows of reinforcing plates allowing equal sideways float of the belt between the reinforcing plates and the edge of the sprocket teeth. The edge sprockets must also have the same clearance between the reinforcing plates and the teeth edge.

Similarly the idle infeed shaft is set up in the same way but can comprise of all blanks or edge sprockets to ensure rotation of the shaft as shown below. If added drive & belt guidance of the idle shaft is required then more sprockets can be added.



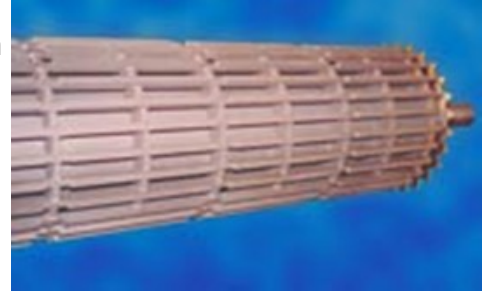
If the belt only has reinforcing plates and/or chain edge (without intermediate rows of reinforcing plates) then the drive sprockets within the width of the belt should be spaced out equally across its width. In this instance the intermediate sprockets and blank rollers will be full faced – without the reinforcing plate row clearance groove.

If the belt is supplied with a chain edge then sprockets to suit will also be provided and these should be aligned with the chain in a similar way.

All sprockets and blank rollers can be firmly fixed in position by drilling and dimpling the shaft key through the tapped hole position but before this first double check all alignments and clearances by offering up to each shaft a section of belt. Due to the general build and weight of the belt it may be easier to do this at the point of belt installation.

Due to the complexity of some process system layouts additional shaft rollers may be required and therefore the same rules apply.

If the Wire Belt supplies full width cage roller drive and idler arrangements then these require no special alignment, apart from centralising each cage drive and roller assembly to the conveyor centre line.



Please contact Wire Belt Technical Sales if you require further assistance or clarification of the details