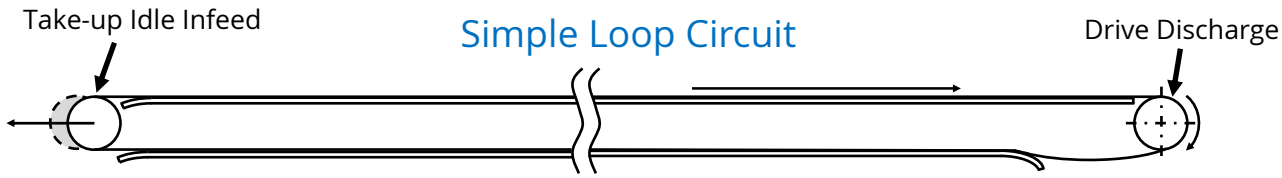
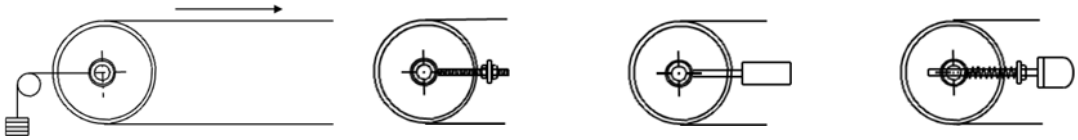
Ladder-Track™ conveyor belts

Conveyor Design Guidelines
Straight Running—Positively Sprocket Driven

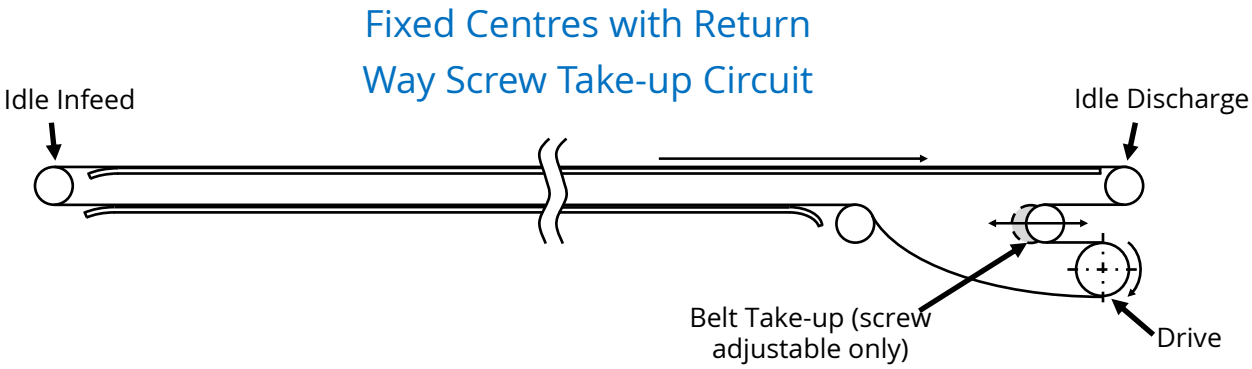
Typical Belt Circuits

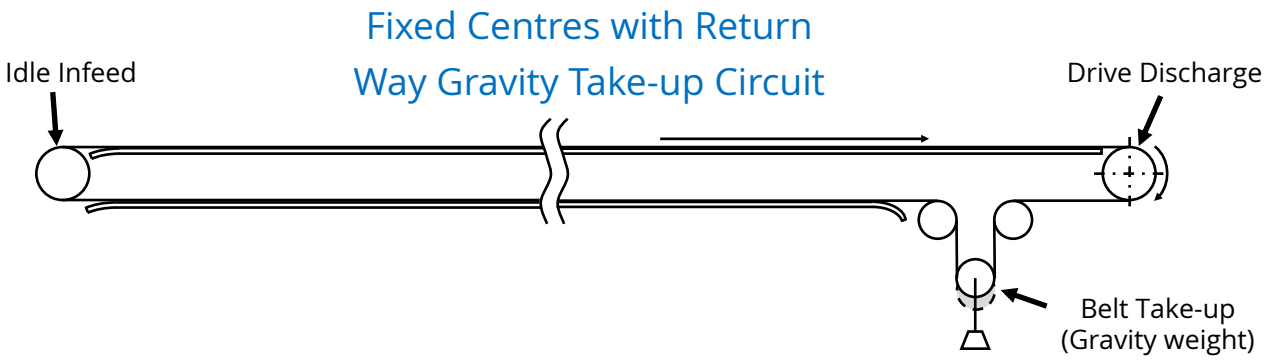


Idle Infeed Take-up Options:



Note: Ensure that belt take-up adjustment is the same on each side of the conveyor.





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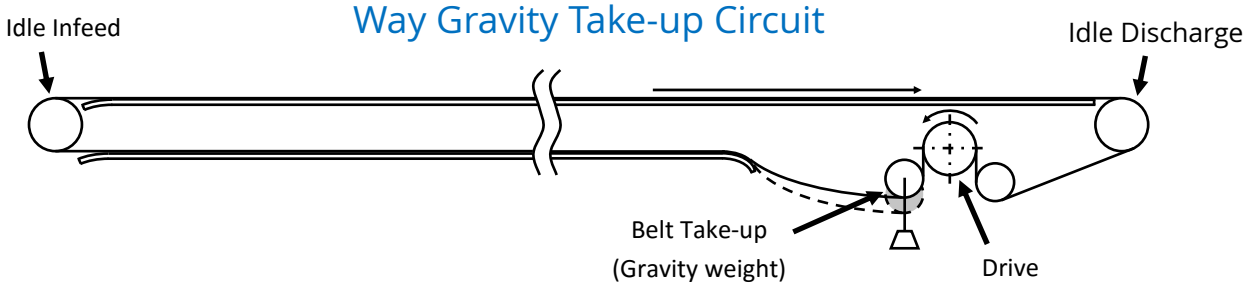
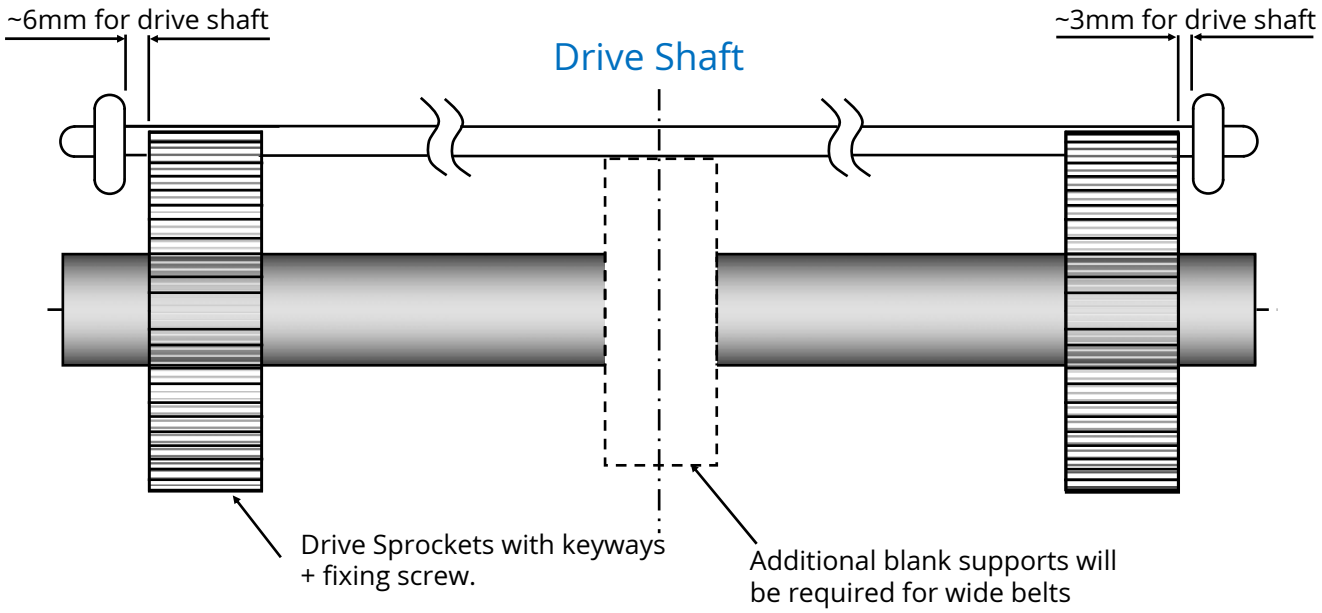
Website: www.wirebelt.com | Email: sales@wirebelt.com

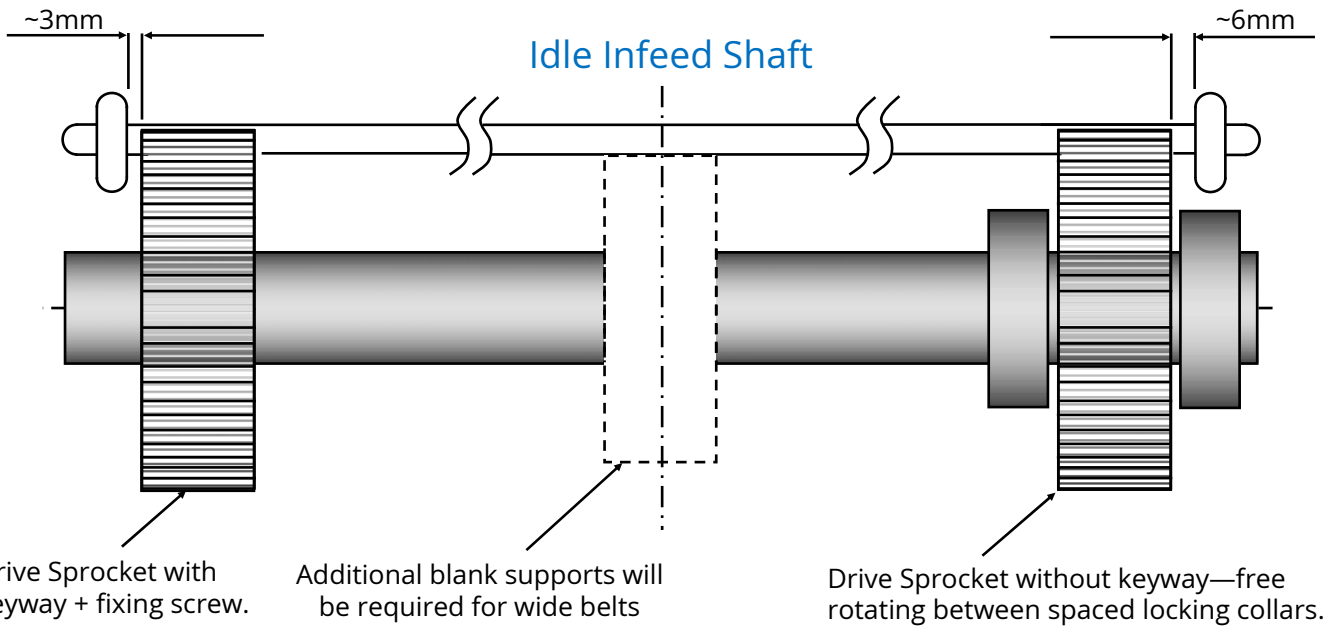
Fixed Centres with Return Way Gravity Take-up Circuit



NOTE: If you wish to use an alternative belt circuit then please contact Wire Belt Technical Sales to discuss your options.

Drive, Idle Infeed & Other Circuit Shafts Setup





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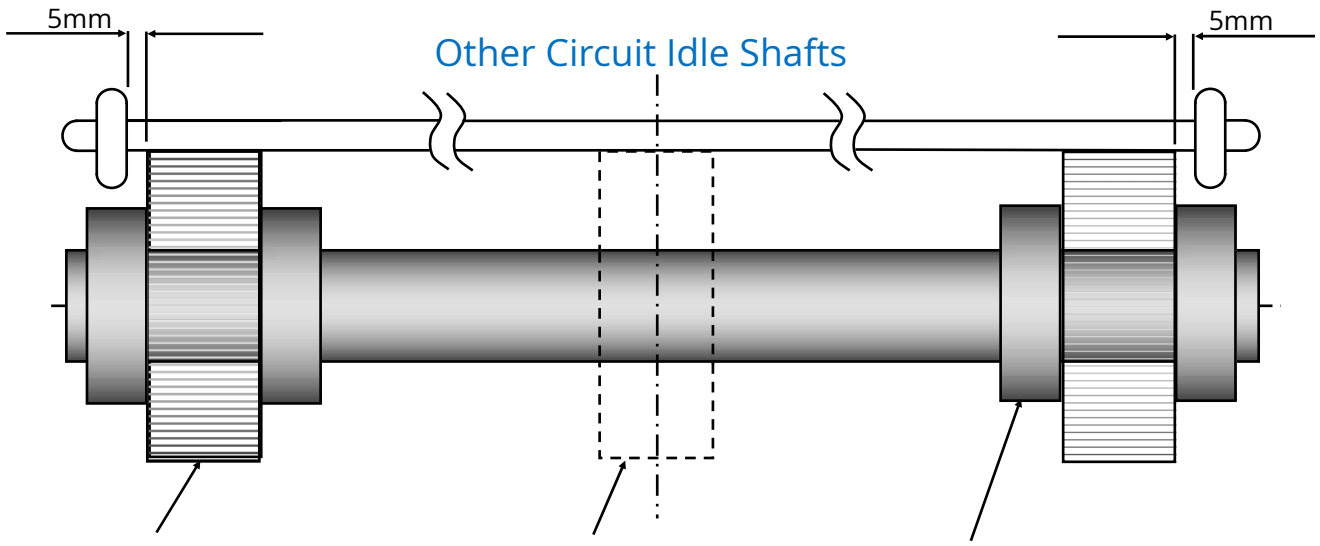
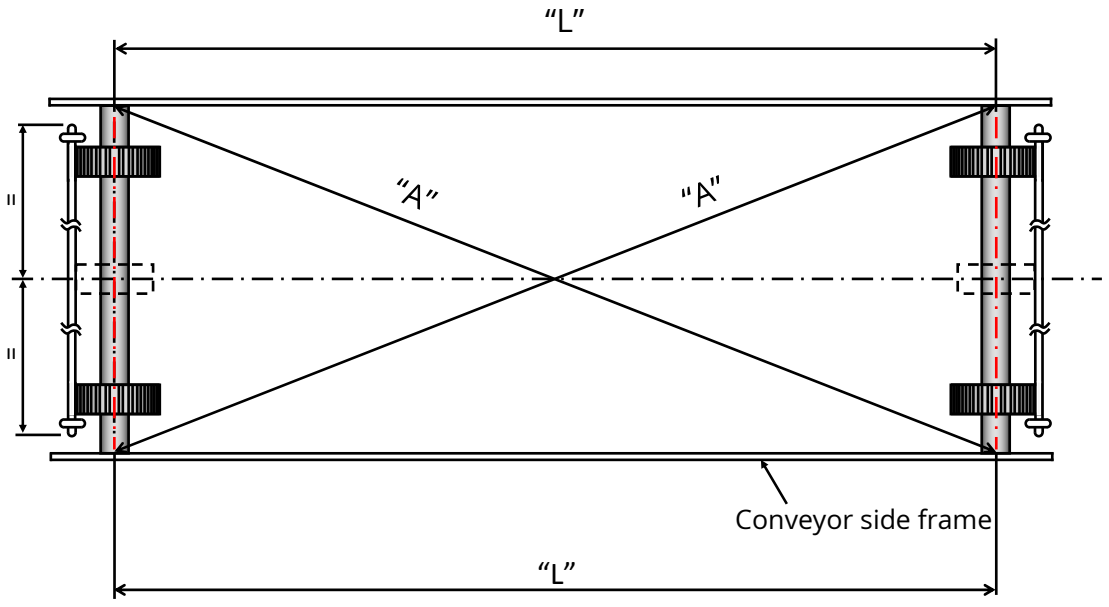


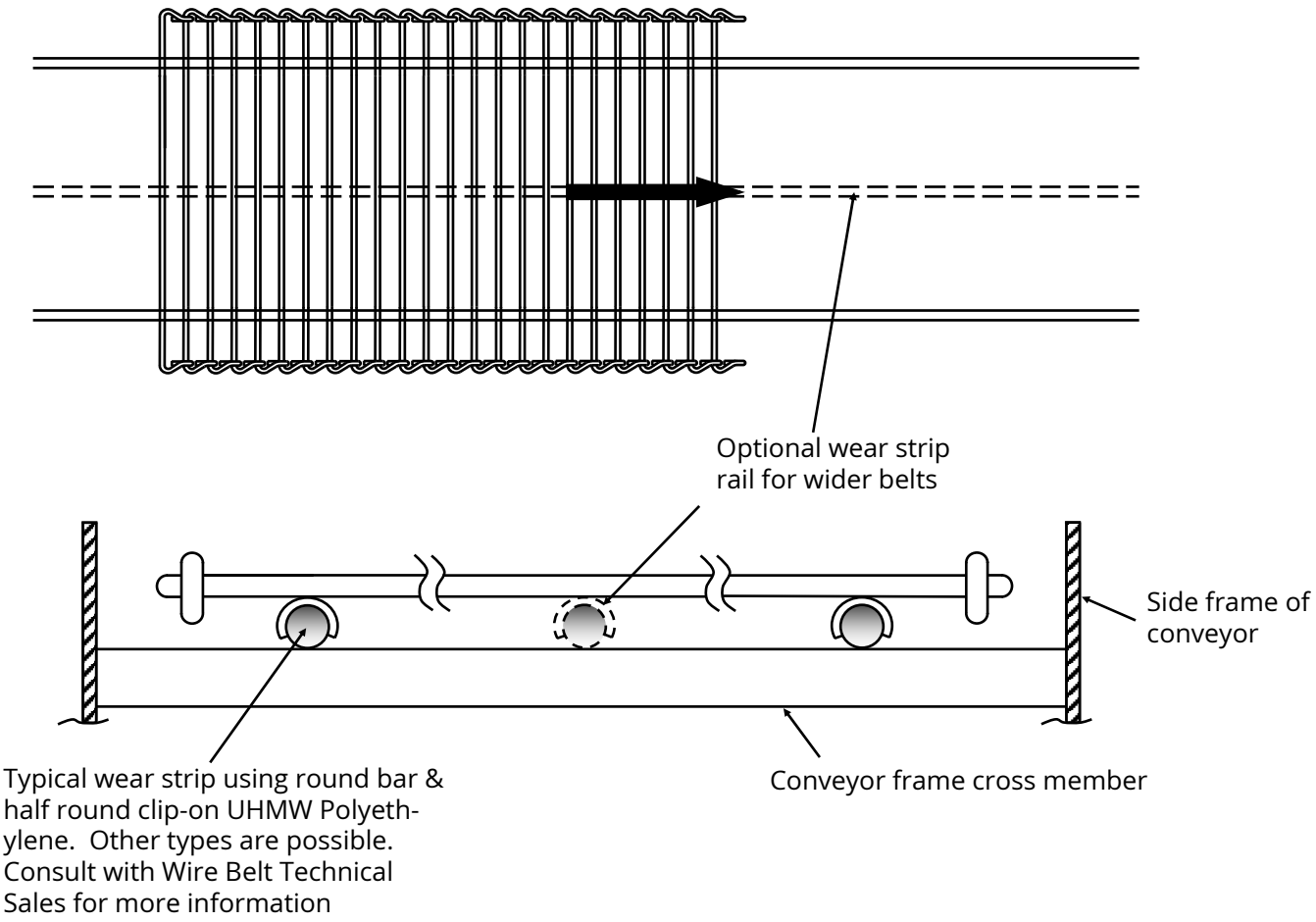
Conveyor Alignment

The conveyor should be set up to run with all shafts parallel and level to each other.

- Make sure all support beds are level and align with the sprocket tooth root dia.
- Ensure that the conveyor framework runs straight between the idle infeed and the discharge (drive) shaft and that the belt take-up mechanism operates in parallel motion.
- Ensure belt support surfaces are free from obstructions (e.g. protruding framework)



Belt Supports (Typical Arrangement)



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