

Setting The Gold Standard

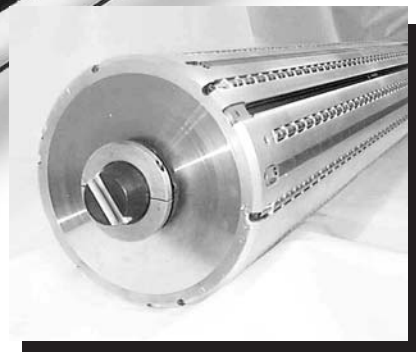
Differential Shaft Model 1250-DFX

The Model 1250-DFX differential shaft can wind multiple cores or different width cores at very low web tensions. Each individual core can slip at a controlled speed when the proper air pressure is maintained. Winding of all cores is done at the same tension rate.

The segments expand outward when inflated, generating resistance against the inside of the cores. This resistance is proportional to the area that is contacted and permits cores with different widths to be wound on the same shaft.

As the core stop ledge expands outward, it locks the cores in predetermined positions along the entire shaft.

The core stops will rotate alongside the core wall during the run to eliminate any dusting. When deflated, the core stop ledges retract with springs below the diameter of the shaft body and permits the cores to be easily removed.



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The 1250-DFB differential shaft (or adapter) has additional rows of roller bearings on the shaft surface. The cores rotate around the shaft on the roller bearings, allowing the rewinding of larger diameter cores and heavier roll weights at very low web tensions.

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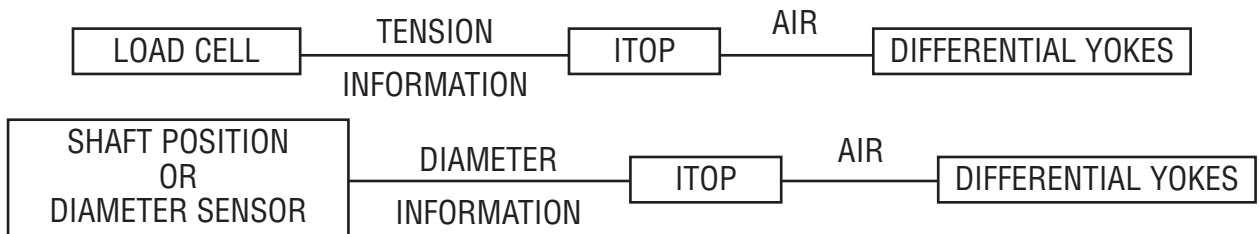
1250-DFX Technical Specs

Most "Standard" Systems - Locked Core



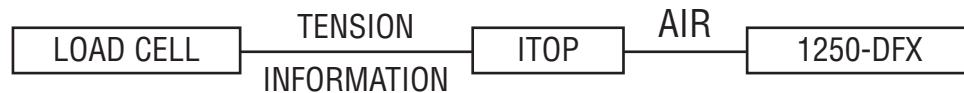
- No rewind shaft overspeed provision - locked core

Many "Standard" Systems - Differential Yoke

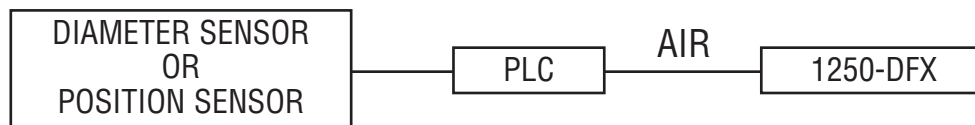


- All systems have overspeed. Many are adjustable.
- Some systems have diameter controlled overspeed.

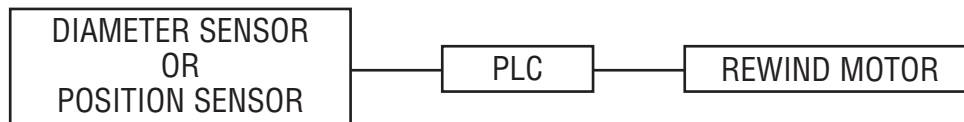
Goldenrod 1250 Differential Shafts Require:



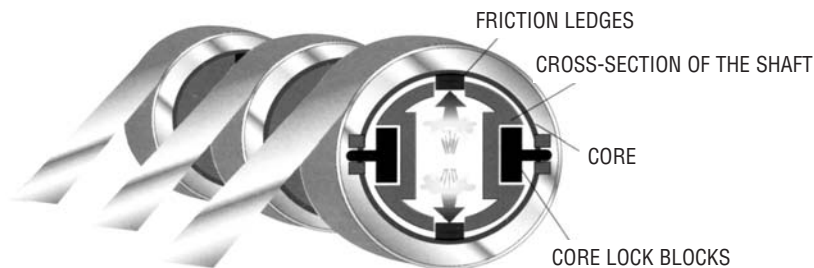
OR



AND



- Goldenrod 1250 Differential Shafts often "plug into" the systems that utilize overspeed control.



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