





"What is the Hop and Wobble Phenomena?"

Hollow bore shaft mounted reducers are subject to "Hop & Wobble" movement. "Hop" is the observed movement of a shaft mounted reducer in a direction perpendicular to the axis of the output shaft. "Wobble" is the observed side to side rocking motion of a shaft mounted reducer. To some extent, both of these phenomena are always present in straight bore shaft mounted reducers regardless of the reducer manufacturer. Attempts to rigidly restrain the driven shaft and the reducer could result in excessive wear, fatigue & premature failure of the driven shaft and/or reducer. Provided Hop & Wobble does not cause relative motion between the reducer and the driven shaft.

Proper installation of the shaft mounted reducer on your conveyor can reduce Hop & Wobble to accepted industry standards. Multi-Conveyor has minimized this phenomenon. Call us today.









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