Cantilevered Injection Screw Conveyors & Feeders

KWS cantilevered injection screw conveyors and feeders deliver reliable, precise performance in the most demanding rotary kiln, rotary dryer, and calciner applications. The KWS exclusive cantilevered design eliminates tail end bearings, which are highly susceptible to failure in extreme heat and abrasive environments. By supporting the screw only from the inlet end, KWS removes a common maintenance issue and significantly improves equipment reliability and uptime. Additionally, isolating the drive components and bearings from high temperature extends service life and reduces total cost of ownership.

KWS custom designs each system to match the specific material characteristics and interface requirements of the kiln, dryer, or calciner, ensuring seamless integration. Heavy-duty construction and abrasion-resistant materials further enhance durability. The result is a dependable, low-maintenance solution that improves operational efficiency while minimizing downtime in critical process applications.

Features

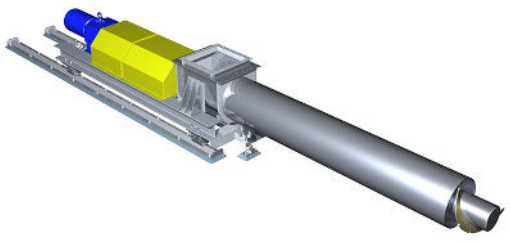
Isolate Drive Components – Specifically engineered to operate in high-temperature environments with drive assembly and bearings located away from heat source.

Cantilevered Screw Design – Eliminates need for internal or tail end bearings that are typically exposed to harsh process conditions.

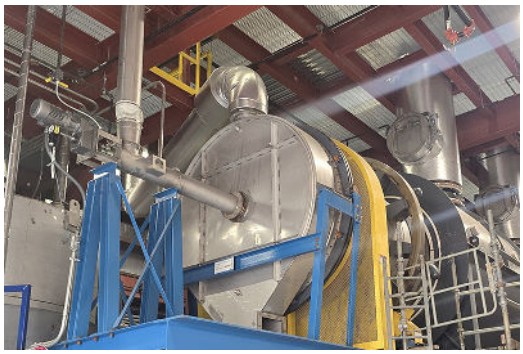
Benefits

Ease of Maintenance – Critical drive components are easily accessible and located outside of high temperature areas. Maintenance personnel can safely inspect and provide service without exposure to extreme heat.

Maximum Uptime – Elimination of tail end bearings removes maintenance issues and significantly improves reliability and operating time.



KWS Injection Screw Conveyors Deliver Bulk Materials to Rotary Kilns, Rotary Dryers, and Calciners



KWS Cantilevered Design Eliminates Tail End Bearings

KWS Manufacturing
3041 Conveyor Drive
Burleson, Texas 76028

Toll Free: (800) 543-6558
Phone: (817) 295-2247
Fax: (817) 447-8528

www.kwsmfg.com