

Applications

Powerguide Eliminates Downtime

■ PROBLEM

Keebler Corporation is a major U.S. food processing company in the consumer products market.

Packaging of portion-controlled crackers designed for the restaurant and food service markets was suffering from continued downtime. The combination of loading, and the required production speeds and cycles, caused the gradual misalignment of the separate rodless cylinder and linear bearing units employed in the application. In turn, this led to complete system failure and a costly re-alignment procedure.

■ SOLUTION

The single unit Powerslide from Hoerbiger-Origa replaced the separate cylinder and guide previously supplied by Tol-O-Matic. Installed as an integral actuation-guidance system, the Powerslide is pre-aligned and never goes out of alignment, even under the repetitive, high duty-cycle conditions at Keebler.

■ KEY BENEFITS

Powerslide delivers very high reliability levels: there has been no downtime in the linear motion system at Keebler in the 12 month operating period following the fitment of Hoerbiger-Origa equipment.

As a one-piece unit, Powerslide cuts down engineering and installation time and costs, and has been easily retrofitted to the existing machines.



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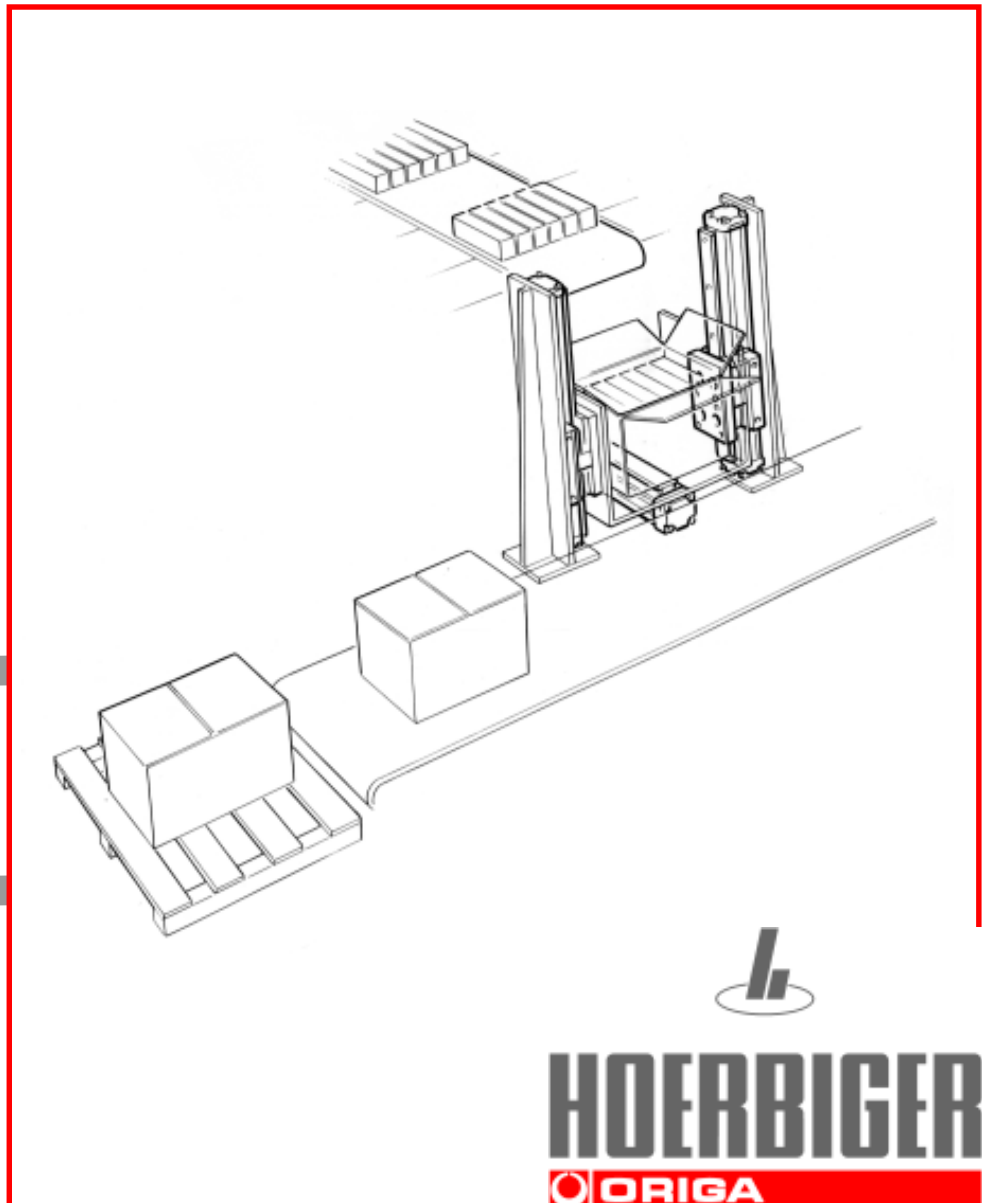
■ TECHNICAL SUMMARY

Keebler have initially installed nine 25mm Ø Powerslide units with a 27 inch stroke. Supplied as a special product for this food handling environment, the guide rail is corrosion protected using nodular thin dense chrome plate which is ideal for corrosive conditions.

■ CUSTOMER ENDORSEMENT

"This is now a fit-and-forget installation. By specifying the robust Powerslide unit, we have cut dramatically both operator and production downtime."

Larry Prues,
Installation Engineer,
Keebler Corp.



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