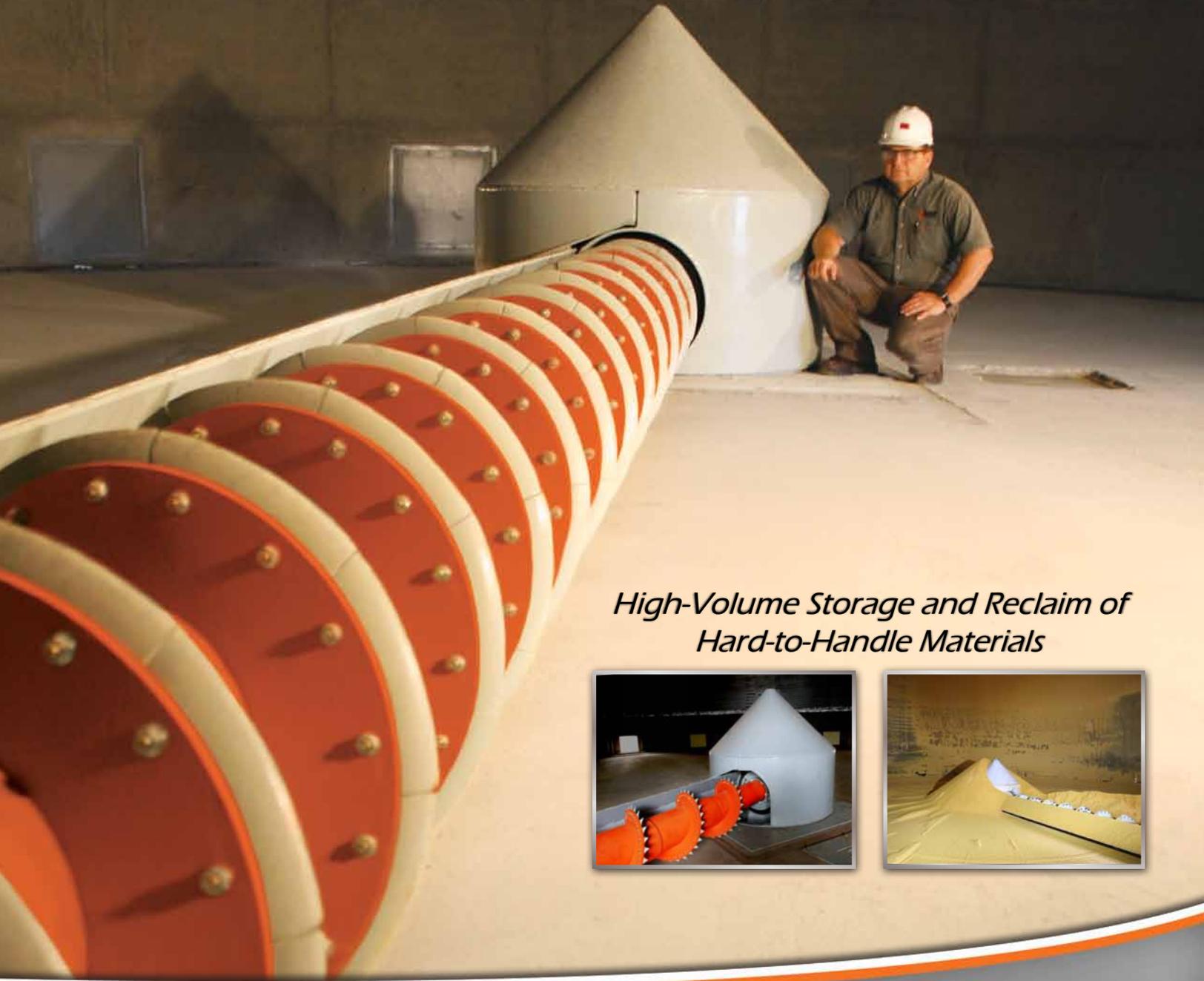


TRACK-DRIVE

Models 298, 698, 1098



*High-Volume Storage and Reclaim of
Hard-to-Handle Materials*



THE RUGGED SOLUTION FOR TOUGH MATERIAL CHALLENGES

LAIDIG'S TRACK-DRIVE FEATURES

- State-of-the-art engineering to meet your toughest material challenges
- Technology to solve silo-bridging problems
- Fully-automated, dependable, push-button operation
- Controlled delivery for first-in-first-out material distribution
- Accessibility of maintenance components
- Diameters of up to 70' (21 m) with Laidig's **Track-Drive** system
- Free access to Laidig's lifetime technical support



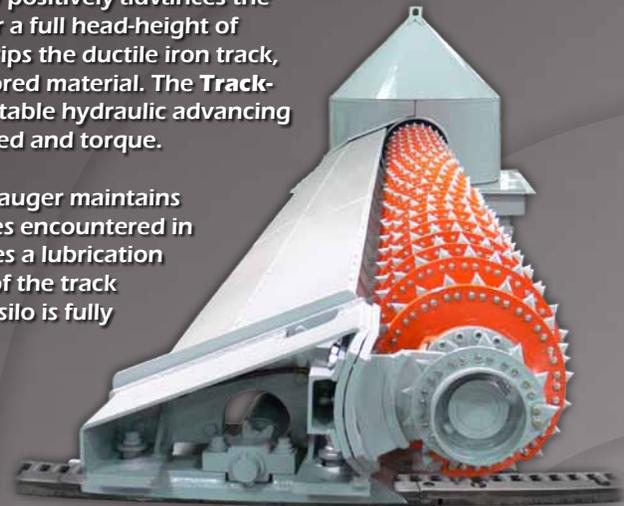
Since 1961, Laidig's reclaim systems have provided reliable and cost-effective solutions for bulk material storage and reclaiming. Their rugged designs and commitment to engineering and manufacturing quality have made Laidig the worldwide leader in bulk storage & material handling solutions.

Laidig's **Track-Drive** series offers superior performance and dependability for a wide range of hard-to-handle materials, such as meals, feeds, hogged bark, wood chips, biomass, recycled materials, mined products, chemicals, and powders. The Laidig **Track-Drive** system is engineered to provide a fully-automated, near-total clean out while promoting first-in-first-out material distribution.

TRACK-DRIVE TECHNOLOGY

Laidig's proprietary track and drivetrain technology positively advances the reclaim auger efficiently and effectively, even under a full head-height of material. The unique self-cleaning shoe assembly grips the ductile iron track, keeping the auger firmly in place as it undercuts stored material. The **Track-Drive** series reclaimer is equipped with a fully-adjustable hydraulic advancing system, allowing for the optimized matching of speed and torque.

Laidig's reinforced shield on the trailing side of the auger maintains proper auger alignment despite the extreme stresses encountered in many industrial applications. The shield also features a lubrication system which allows for the routine maintenance of the track bearing from inside the hopper, even when the silo is fully filled with material.



RUGGED TRACK-DRIVE RECLAIMER

Laidig offers advanced-design gearboxes to accommodate the high torque needed by the reclaim auger. The rugged drivetrain has been engineered specifically to excel in the toughest environments and applications. The reclaim auger is equipped with replaceable, wear-resistant cups or knives.

Laidig's **Track-Drive** reclaim systems can be configured with a variety of options to provide consistent, controlled delivery of material. In installations where the stored material has free flowing tendencies, the **Track-Drive** reclaimer can be equipped with a dome, creating mass flow and minimizing the effects of material segregation. The dome includes a hydraulically controlled door which allows for secure, material-free maintenance access inside the dome.

The large hopper increases accessibility and maximizes material capacity. The access door on the side of the hopper simplifies routine inspections and preventative-maintenance procedures.

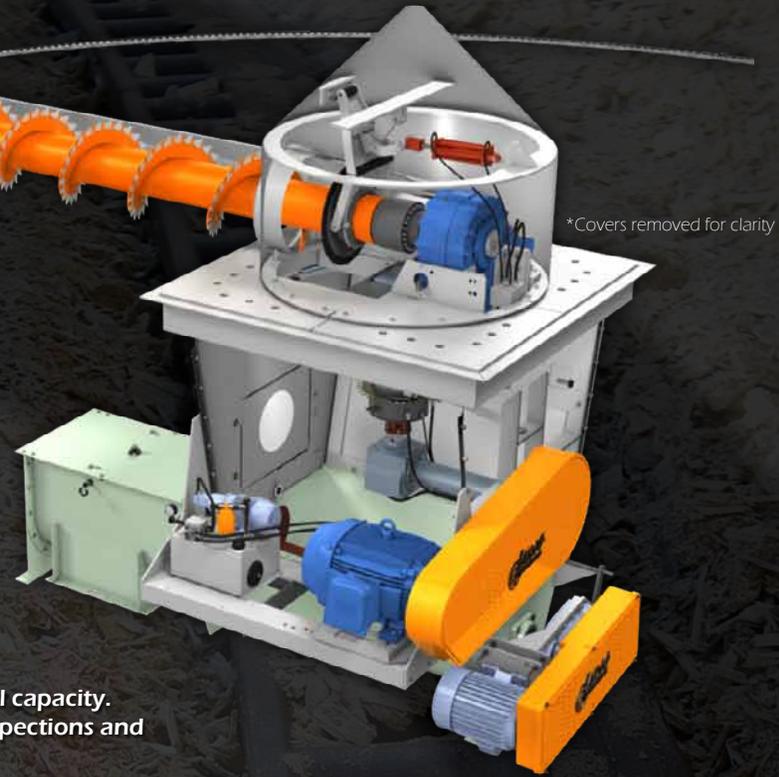


APPLICATION-SPECIFIC DESIGN

Laidig's **Track-Drive** reclaim system provides fully-automated storage and handling of hard-to-handle materials in silos and domes up to 70' (21m) in diameter. The **Track-Drive** reclaim solution is also ideal for open pile reclaiming. Each reclaim system is custom-engineered and designed to meet application-specific requirements and specifications.

CUSTOM CONTROLS

The Laidig **Track-Drive** system offers fully-automated, push-button operation utilizing Laidig's LMI™ (Laidig Machine Interface). The LMI provides unprecedented control and monitoring, with a graphic-rich display. The LMI control system allows full operation of the Laidig reclaim system via Ethernet interface, and can include remote-access capability for monitoring or troubleshooting the system from an off-site location.



*Covers removed for clarity



AGGRESSIVE STORAGE AND RECLAIM SOLUTIONS

Providing TOTAL Automation to High-Volume Storage

Laidig's **Track-Drive** reclaim systems are designed specifically for heavy-duty, industrial applications requiring automated reclamation of materials with poor flow characteristics or other properties which make the material difficult to handle. Laidig provides turnkey installations including domes, silos, open piles with service discharge tunnels, conveyors and other peripheral material-handling equipment.



Laidig Track-Drive System Specifications

Specifications*	Model 298	Model 698	Model 698H All Hydraulic	Model 1098	Model 1098H All Hydraulic
Storage Diameter	20'-30' (6-9 m)	21'-60' (6.5-18 m)	21'-60' (6.5-18 m)	30'-70' (9-21 m)	30'-70' (9-21 m)
Auger Cutting Diameter	13" (33 cm)	21" (53 cm)	21" (53 cm)	26" (66 cm)	26" (66 cm)
Auger Delivery Rate†	54.8 cfm (1.6 m ³ /min)	249 cfm (7.0 m ³ /min)	231 cfm (6.5 m ³ /min)	290 cfm (8.2 m ³ /min)	290 cfm (8.2 m ³ /min)
Expected Delivery Rate	200 cfm (5.6 m ³ /min)	250 cfm (7.1 m ³ /min)	250 cfm (7.1 m ³ /min)	400 cfm (11 m ³ /min)	400 cfm (11 m ³ /min)
Auger Rotation	75 RPM	70 RPM	65 RPM	50 RPM	50 RPM
Discharge Opening	2.5 ft ² (0.23 m ²)	3.3 ft ² (0.30 m ²)	5.5 ft ² (0.51 m ²)	5.2 ft ² (0.48 m ²)	4.6 ft ² (0.43 m ²)
Reclaim Torque	1x (Base)	9.8x	9.2x	13x	13.7x
Reclaim Drive HP	15 HP	125 HP	-	150 HP	-
Hydraulic Power Unit	1.5 HP	1.5 HP	100 HP	1.5 HP	125 HP

* All specifications are approximate. Systems are customized according to application specific requirements and the flow characteristics of the stored material.

Consult a Laidig applications engineer for design parameters appropriate to your application.

† Based on 100% auger efficiency. Actual delivery rate depends upon material and conditions.

WITH LAIDIG YOU GET MORE THAN STEEL

The Storage Structure

Designed specifically for the dynamic-load requirements of bottom-reclaim systems.

The Reclaim System

Custom engineered for high delivery rates with a wide range of material applications.

The Laidig Guarantee

If we design and install your storage and reclaim system, we guarantee it will work.

WE DON'T JUST SELL EQUIPMENT, WE PROVIDE SOLUTIONS

ADDITIONAL OPTIONS:

- Customized Cone Angle
- Baked Epoxy Coatings Available With Steel Tanks
- Hydraulic Fluid Immersion Heater
- Multi-System Hydraulic Power Unit
- Remote Pressure Display
- Fill & Discharge Conveyor Systems
- LMI Control Package
- Hazardous-Environment / ATEX Designs
- Stainless-Steel Fabrication
- Abrasion-Resistant Designs
- Retrofits to Existing Bins Possible



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