



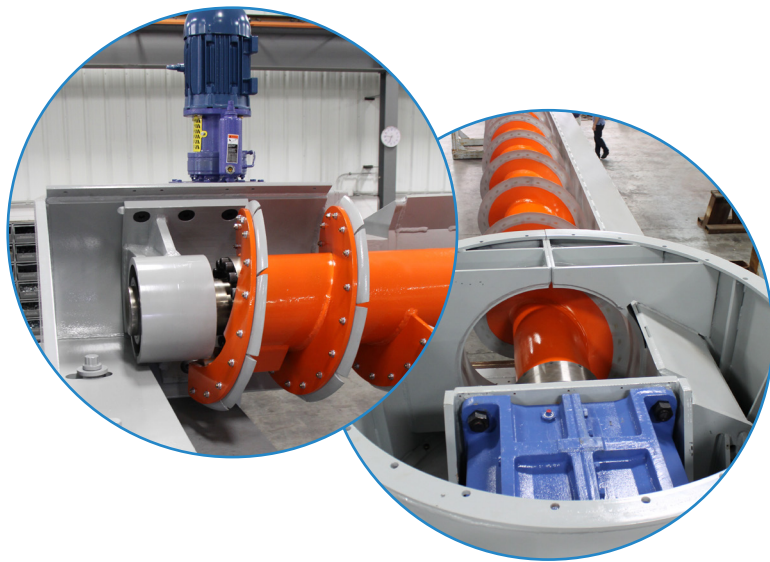
Bulk Storage &  
Automated Reclaiming Solutions

# DOMinator™

Models 2098, 2098H



DESIGNED FOR EXTREME CHALLENGES IN LARGE APPLICATIONS



## HEAVY-DUTY APPLICATIONS

Laidig's DOMinator reclaim systems are designed specifically for heavy-duty, industrial applications of difficult to handle materials. The DOMinator integrates state-of-the-art vertical storage technology with the latest innovations in track-driven reclaim design, to set a new standard for high-volume storage and reclaim systems.

Laidig's DOMinator provides the highest level of operator safety by avoiding many of the health and safety risks of silo entry. Laidig is committed to providing the safest, fully-automated heavy-duty storage system that is guaranteed to work!

## ABRASION RESISTANCE

Consistent exposure to rugged and abrasive materials can lead to premature wear and the reduction in the life expectancy of critical equipment components.

Laidig has done extensive research and development to provide the very best abrasion resistance options specifically to ensure your equipment will hold up even in the harshest of conditions. These Laidig options include: hardened flight, carburized auger knives and blades, and a total hard-facing of the auger flighting and tube.



## RUGGED RECLAIM DRIVETRAIN

The rugged drivetrain has been engineered specifically to excel in the toughest environments and applications. Laidig offers advanced-design gearboxes to accommodate the high torque needed by the reclaim auger. The reclaim auger is equipped with replaceable, wear-resistant cups or knives. In addition, DOMinator systems can be configured with either an electric reclaim drive (Model 2098) or a hydraulic reclaim drive (Model 2098H), depending on the application needs and client preference.

Laidig's DOMinator reclaim systems can be configured with a variety of options to provide consistent and controlled delivery of material. In installations where the stored material has free flowing tendencies, the DOMinator 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.



# DOMinator FEATURES

- Engineered to meet the toughest material challenges
- High-volume, high-delivery with up to 800,000 ft<sup>3</sup> of storage
- Improved safety with drive systems and serviceable components outside the storage area
- Simultaneous loading and reclaiming to save time and increase process efficiency
- Consistent delivery allows easy integration with continuous-process applications
- Inventory control with First-In-First-Out (FIFO) material management
- Access to Laidig's lifetime technical support



## TRACK-DRIVE TECHNOLOGY

Based on Laidig's decades of unequalled experience in track-driven reclaim systems, the 2098 and 2098H are the next generation of automated high-delivery reclaim combined with high-volume vertical storage.

Laidig's proprietary track and drivetrain technology positively advances the DOMinator reclaim auger, even under a full load 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 electronic advance drive on the DOMinator, combined with the unique eyebrow shield keeping the auger end clear, enables easy access to all advance components – even in a full silo.

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 routine maintenance of the track bearing from the inside of the hopper. Maintenance and service have never been easier.



## LAIDIG SMART CONTROLS & LAIDIG MACHINE INTERFACE

The Laidig DOMinator offers intelligent, fully-automated, push-button operation utilizing Laidig's LMI™ (Laidig Machine Interface). The LMI provides the operator with maximum control and flexibility while ensuring the reclaim is running in a safe and efficient manner. It allows the operation and monitoring of the reclaim's status in a graphic-rich display. The LMI provides an interface to safely control the DOMinator reclaim system, which can be integrated with various types of customer control systems. It can also include remote access capability for monitoring or troubleshooting the system off-site.



\*All Laidig LMI's are custom engineered to each reclaim system. UL has tested representative samples and determined they meet the specific, defined requirements based on UL's published and nationally recognized standards for safety.

# TOTAL AUTOMATION FOR HIGH-VOLUME STORAGE

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 and material handling solutions.

Laidig's DOMinator system offers superior performance and dependability for a wide range of materials including meals, feeds, hogged bark, wood chips, biomass, recycled materials, mined products, chemicals and powders. The Laidig DOMinator system is engineered to provide a fully-automated reclaim process while promoting first-in-first-out (FIFO) material distribution.



## Laidig DOMinator Specifications

Specifications*	Model 2098	Model 2098H All Hydraulic
Storage Diameter	110' (33 m)	110' (33 m)
Auger Cutting Diameter	32" (81 cm)	36" (91 cm)
Auger Capacity	340 cfm (9.6 m <sup>3</sup> /min)	340 cfm (9.6 m <sup>3</sup> /min)
Auger Rotation	50 RPM	40 RPM
Discharge Opening	5.70 ft <sup>2</sup> (0.52 m <sup>2</sup> )	5.70 ft <sup>2</sup> (0.52 m <sup>2</sup> )
Reclaim Drive HP	150 HP	-
Reclaim Torque	1x (Base)	1.5x
Hydraulic Power Unit	-	300 HP
Depth From Floor (min)	6.52' (1.98 m)	6.43' (1.95 m)

\* Data shown conveys generalized specifications of the referenced Laidig reclaimers. Material characteristics and other application-specific parameters can significantly alter reclaim specifications. Please contact a Laidig technical sales representative regarding capabilities for specific applications.



## At Laidig, YOUR success is OUR success.

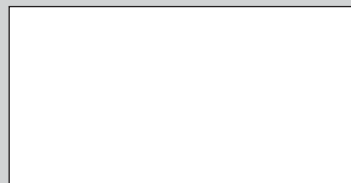
### WHAT WE OFFER:

- Custom Engineering and Design
- In-House Manufacturing
- Construction Services and Support
- Multilingual Customer Service

### ADDITIONAL OPTIONS:

- Automatic Variable-Speed Drives
- Discharge Conveyor Systems
- Hydraulic Fluid Immersion Heater
- Ultra-Wear AR Design
- Stainless Steel Fabrication
- Hazardous-Environment Design

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



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