

Reclaimer Comparison

Rugged Equipment for Tough Materials



LAI DIG
www.Laidig.com





CONE-BOTTOM

Series 3445, 4300, 5300, 8300, 9300, 9600

UP TO **60'** (18M)

Laidig's **Cone-Bottom** systems provide fully-automated reclaim of materials with moderate-to-poor flow characteristics, such as dry meals, chemicals, powders, plastics, and small wood waste. The **Cone-Bottom** reclaim system offers unique access to all serviceable equipment allowing for zero-entry maintenance, even in a full silo. Standard systems are typically available with 30° or 45° hoppers in bolted-steel, welded-steel silos or corrugated bins.

CANTILEVER

Models 243, 533, 543, 633, 643

UP TO **45'** (14M)

The **Cantilever** storage and reclaim systems are designed to accommodate a wide range of material applications in flat-bottom vertical storage structures. Laidig's **Cantilevers** are either hydraulically or electrically driven and may be designed with single or dual augers, depending upon the application. **Cantilever** systems are engineered for hard-to-handle materials, such as wood waste, biomass and meals. Typical systems are designed with bolted-steel, concrete or welded-steel silos.



TRACK-DRIVE

Models 298, 698, 1098

UP TO **70'** (21M)

The heavy-duty **Track-Drive** reclaim systems are designed for automated, continuous operation under the most challenging conditions. When higher-volume delivery is required, or when handling materials with poor flow characteristics, track-driven reclaim systems are often the optimal solution. Laidig's proprietary track-advance system provides positive, controlled advance in even the most difficult materials. Storage structures typical for this series include bolted-steel, concrete and welded-steel silos.

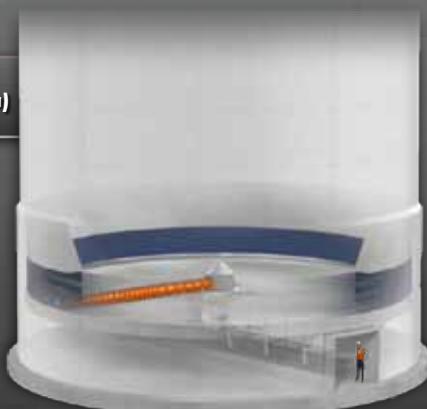


DOMINATOR™

Model 2098

UP TO **110'** (33M)

The unique design of the **DOMinator** extends the diameters of Track-Drive systems beyond what was previously possible, providing dependable, automated reclamation of hard-to-handle materials in the most challenging environments. This next-generation track-drive system shields the track-advance drive components from the material in a fully-accessible perimeter access area, allowing for inspection and maintenance even in a full silo or dome. **DOMinator** systems can be engineered with either electric or hydraulic drive systems, and are integrally designed with domes or super silos.



X-TRAKTOR™

Models 1033, 1566

UP TO **150'** (45M)

Based on over 50 years of experience in meeting the most difficult material handling challenges, Laidig has engineered the **X-Traktor** from the ground-up to provide unparalleled performance and flexibility in the largest-possible diameters for materials with poor flow characteristics. Depending on the application requirements, the **X-Traktor** can be designed either with a cantilever auger or with an end-supported auger. The **X-Traktor** provides fully-automated delivery at high discharge rates from large-diameter domes or super silos.

PLANETAIRE™

Models PL433, PL443, PL833, PL843

UP TO 80' (24M)

Laidig's **Planetaire** is ideal for handling abrasive or high-density material such as minerals, dense powders and coal. The **Planetaire**'s unique beam-supported design allows for complete service and accessibility of all reclaim components, even in a full silo. This beam protects drive and reclaim assemblies from extreme material forces, keeping them in a low-load environment. Typical systems are designed with concrete silos or domes.

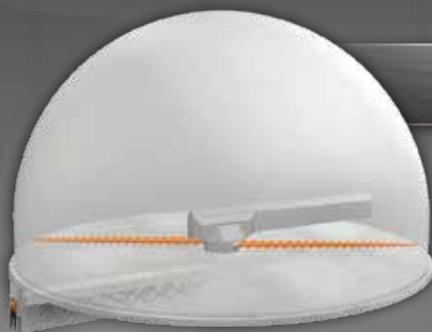


SYMETRIX™

Model SM933

UP TO 100' (30M)

Laidig's **Symetrix** extends the **Planetaire** concept to larger diameter by providing a half beam with center support rather than a full beam. Like the **Planetaire**, the **Symetrix** allows for complete access to all reclaimer components, and is ideal for applications with high-density materials since the beam center section supports the reclaimer from above while shielding it from excessive material loads. The **Symetrix** is designed for fully-automated delivery, and is integrated into either domes or silos.



CLEANSWEEP™

Models CS210, CS310, CS510, CS1010, CS2010

UP TO 200' (61M)

The Laidig **CleanSweep** system is ideal for high-volume storage and reclaim of semi-free-flowing materials, such as dry grains, meals, pellets, powders, and sugar. The **CleanSweep** system combines multiple draw downs in the floor with a wheel-supported reclaim auger. It offers a fully-automated clean-out solution without the need for personnel entry. The unique reversing capability of the **CleanSweep** allows for maximum material handling flexibility. **CleanSweep** systems are available in domes, bolted-steel silos, concrete silos or corrugated bins.

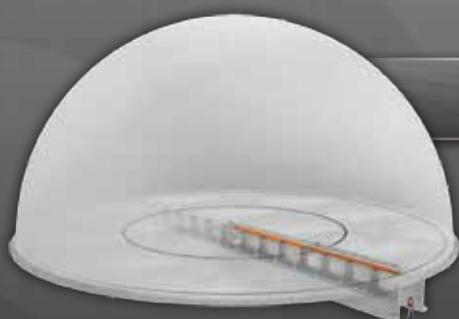


ROTOSWEEP™

Model RS2010

UP TO 250' (76M)

The **RotoSweep** is the preferred clean-out solution when extra-large storage diameters are needed, or when the potential of large material avalanches requires the extra strength of the **RotoSweep** auger-support structure. Like the **CleanSweep**, the **RotoSweep** is designed for semi-free flowing materials, and combines gravity-fed draw-downs with a heavy-duty mechanical auger to provide fully-automated reclamation without the need for personnel entry. The modular design allows the **RotoSweep** to potentially extend to even larger diameters than the **CleanSweep**. The **RotoSweep** is integrated into dome structures.



FLUIDIZED SCREW™

Model FS510

UP TO 200' (61M)

The **Fluidized Screw** offers automated storage and reclaim of fluidizable bulk materials such as cements and powders. This system incorporates the latest advances of two technologies, combining an efficient air-gravity conveying system with the dependability of a rugged mechanical screw conveyor. The result is a fully-automated, state-of-the-art storage and reclaim system that can handle hard pack with confidence. **Fluidized Screw** systems are typically integrated with large-diameter dome structures.



LAIDIG'S FORMULA FOR SUCCESS

The storage market was searching for a more reliable and rugged reclaim system. Jon's interest and ability in engineering, coupled with his strong commitment and relentless drive to develop a high-quality, cost-effective reclaimer, soon resulted in the realization of an innovative, efficient reclaim system. The initial success in 1964 resulted in the formation of Laidig, Inc.

Today, over five decades later, Laidig's pioneering efforts, combined with the Laidig formula of innovation, quality, commitment, and drive, continue to meet with success. Laidig is recognized as the industry leader in bulk storage and reclaim solutions, excelling in difficult applications with poor material-flow characteristics or other challenging requirements, such as the need for corrosion or abrasion resistant equipment, high output rates, large storage volumes, 24/7 operation, first-in-first-out inventory control, or hazardous environment operation. Laidig's high-performance reclaim systems are integrated with custom-engineered steel or concrete vertical silos or dome storage structures, or can be designed for operation as open-pile systems.

Thousands of Laidig systems are installed worldwide. New concepts and improved designs are continuously introduced to keep pace with the challenges of the 21st Century. Laidig is proud to be setting the standards of the industry.



WITH LAIDIG YOU GET MORE THAN STEEL

Integrated Solution

Custom-engineered storage, reclaim, and peripherals with integrated controls

Laidig Guarantee

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

Lifetime Support

Rapid-response service teams with full engineering and manufacturing support

**WE DON'T JUST SELL EQUIPMENT,
WE PROVIDE SOLUTIONS**



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