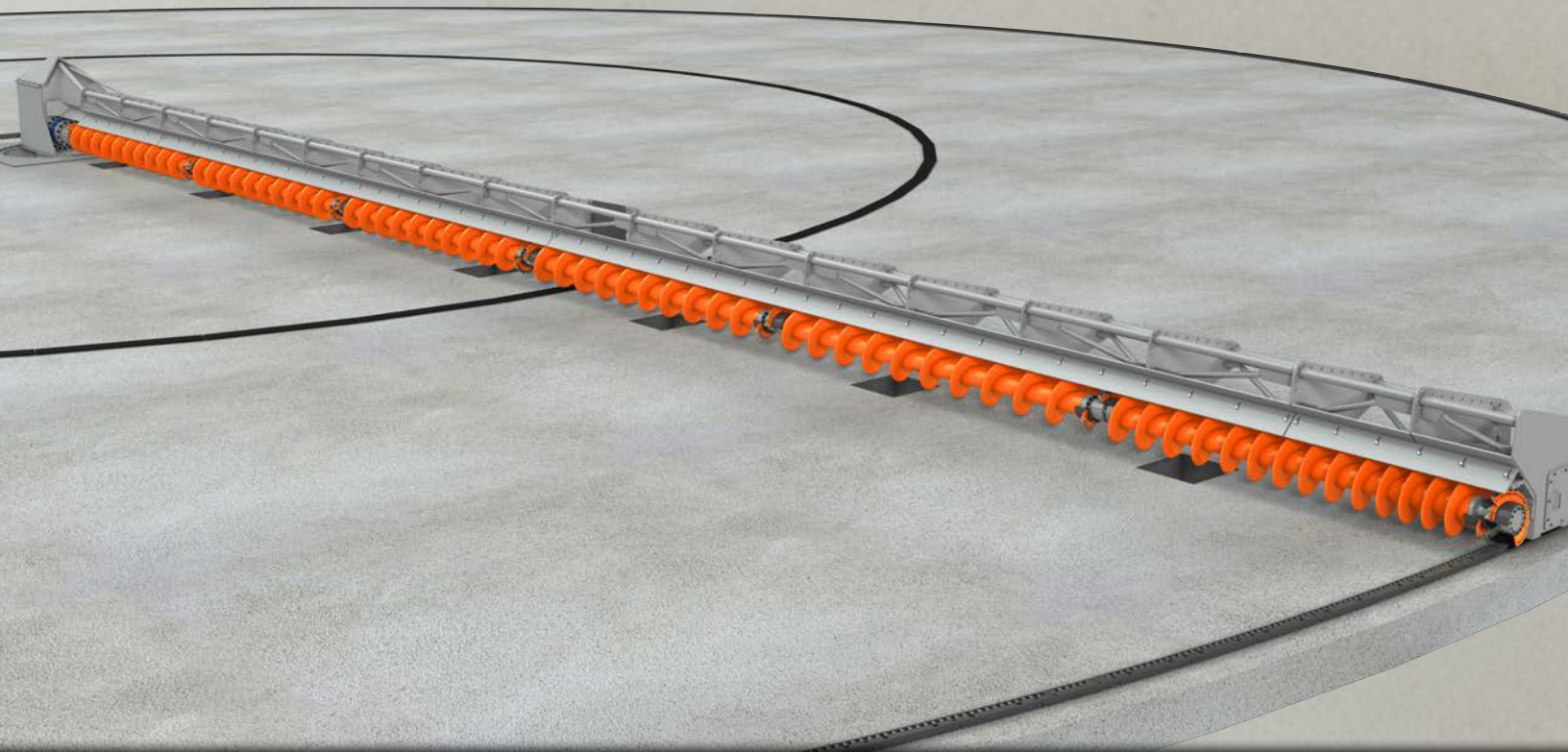




**Bulk Storage and
Automated Reclaiming
Solutions**

ROTO-SWEEP™

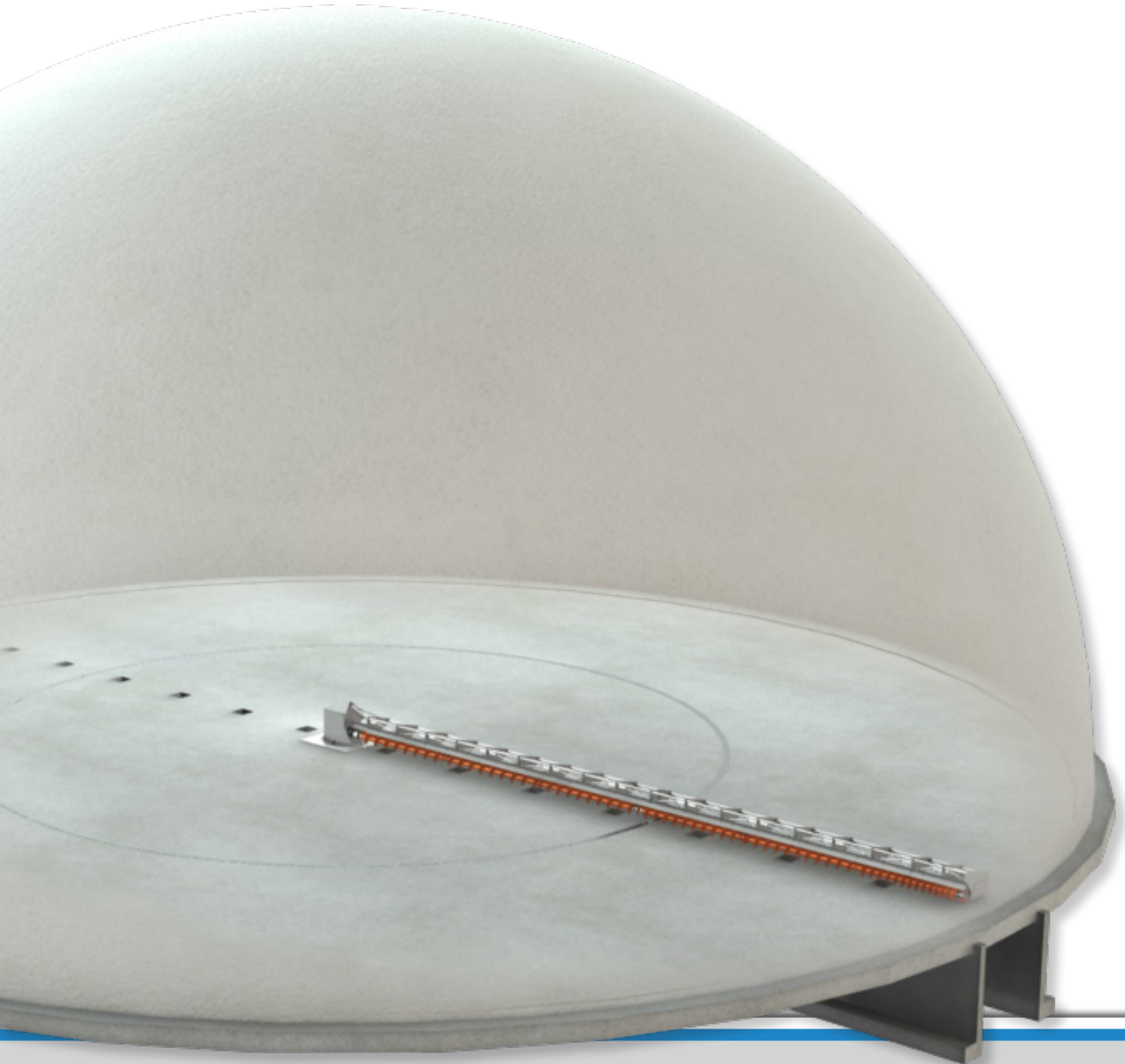
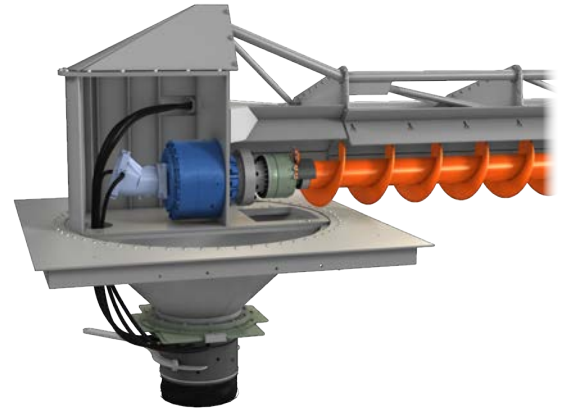
Model RS2010



FULLY-AUTOMATED CLEAN-OUT WITH ZERO PERSONNEL ENTRY

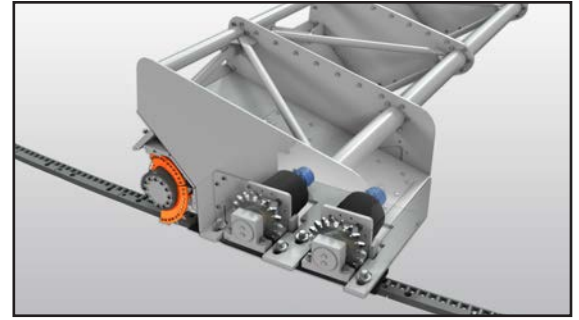
ROTO-SWEEP FEATURES

- Combining draw downs with an automatic clean out sweep system
- Engineered to be simple and efficient
- Automated operation for efficient and safe clean out
- Flow-through shield design to accommodate material avalanches
- Removable panels for easy and convenient access
- Adjustable auger shield plate optimizing material output and flow
- 3.68 ft² hydraulic union for maximum material flow
- Reclaim auger driven by a powerful 2-speed hydraulic motor
- Laidig patented and proven track-drive advance system



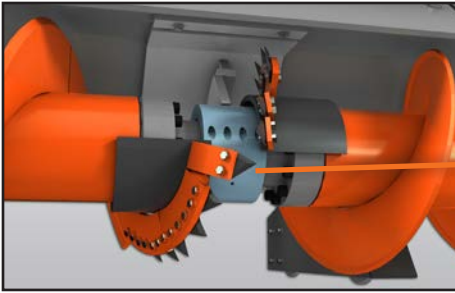
PATENTED DRIVE SYSTEM

The advance drive system on the **Roto-Sweep** is a proven technology developed and patented by Laidig. Two rugged hydraulic motors advance the auger and shield around the storage dome using Laidig's unique self-cleaning track shoe assembly. The **Roto-Sweep** utilizes dual, independently floating shoes that grip the ductile iron track keeping the shield assembly firmly in place while sweeping the dome floor. All advance and hydraulic components are securely located in a housing equipped with removable access panels.



GREASELESS BEARINGS

Laidig's **Roto-Sweep** is equipped with greaseless, intermediate bearings positioned along the length of the auger. The auger flighting is optimized to minimize dead space around the bearing assembly, decreasing torque and ensuring consistent material flow. The bearing mount has been engineered to float with the movement of the auger and shield increasing bearing life.



INTERMEDIATE WHEEL SUPPORT

An intermediate wheel support ensures smooth operation and advancement even while partially engulfed in material. The two steel wheels ride along the track plate positioned on the floor.

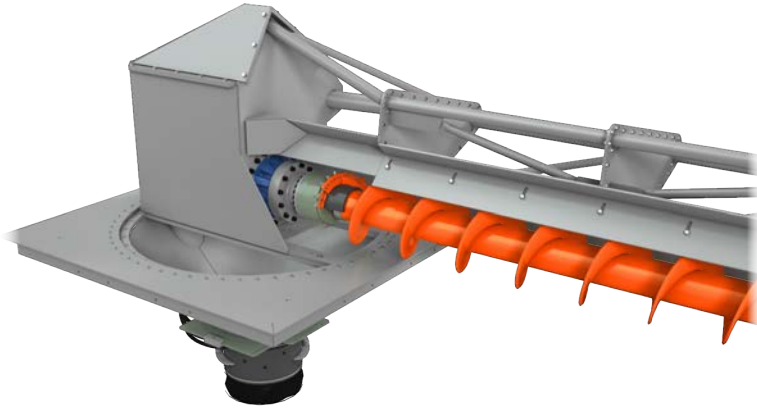


LAIDIG MACHINE INTERFACE

The Laidig **Roto-Sweep** 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 reclaimer is running in a safe and efficient manner. It allows the operation and monitoring of the reclaimer's status in a graphic-rich display. The LMI provides an interface to safely control the **Roto-Sweep** 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.



PROVIDING TOTAL AUTOMATION THE SAFE SYSTEM THAT REALLY WORKS

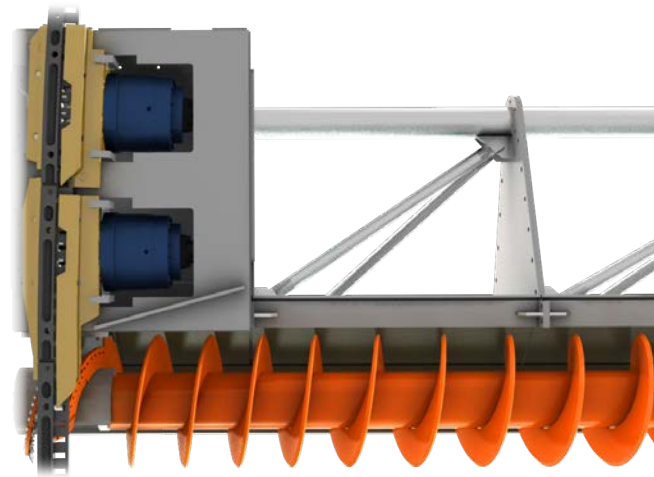


Laidig Roto-Sweep storage and sweep systems are typically provided in a dome storage vessel with a service and discharge tunnel. High-volume discharge is achieved by combining free-flow through draw downs with consistent high-delivery from the reclaim auger.

Laidig Roto-Sweep Specifications

Specifications*	Model RS2010
Storage Diameter	160'-200' (48-61 m)
Auger Cutting Diameter	20" (50 cm)
Auger Capacity	100 cfm (2.8 m ³ /min)
Reclaim Drive Motor	250cc motor

* 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.



With Laidig You Get More Than Steel...

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

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

ADDITIONAL OPTIONS:


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



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