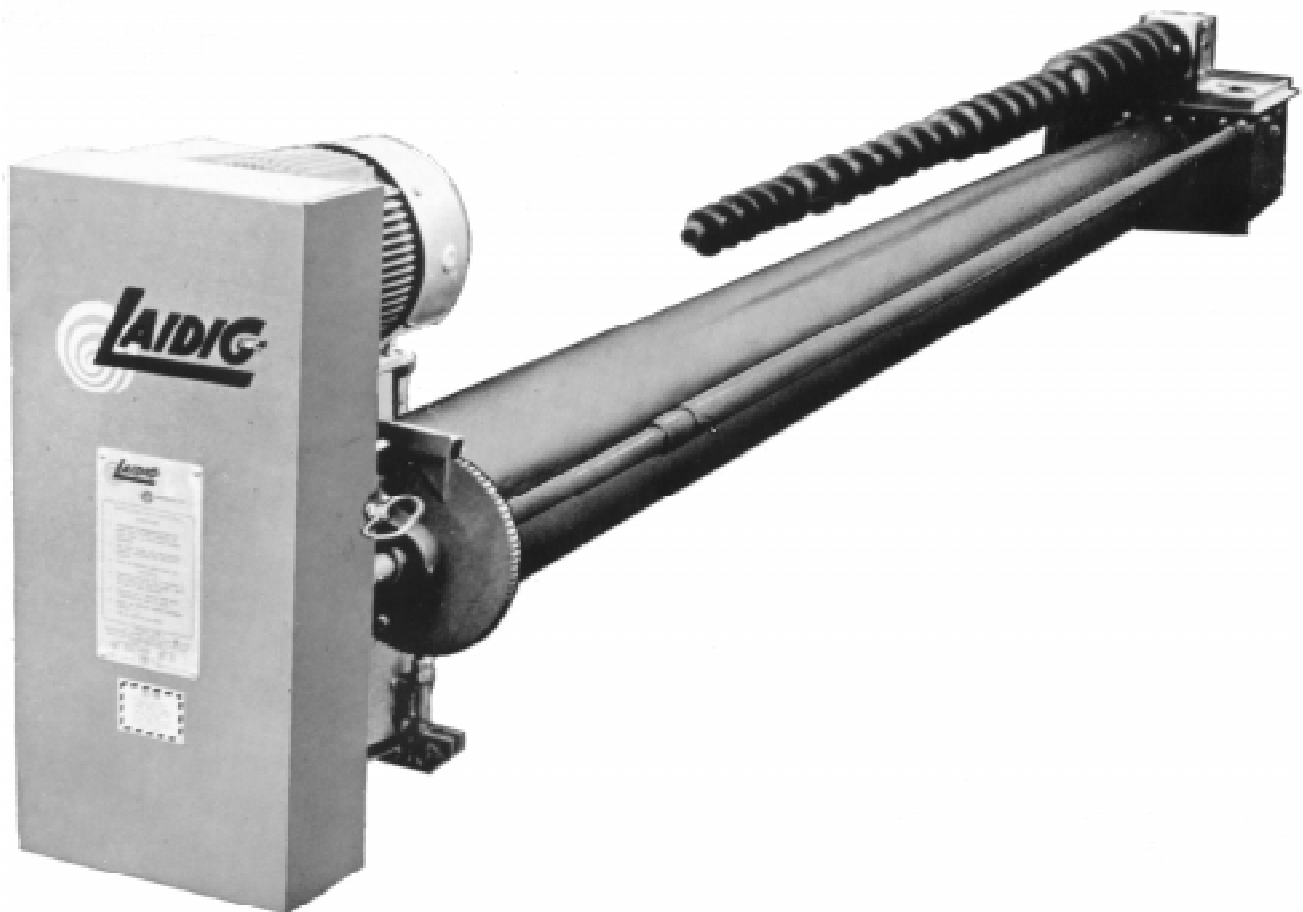




SYSTEM 143 INDUSTRIAL

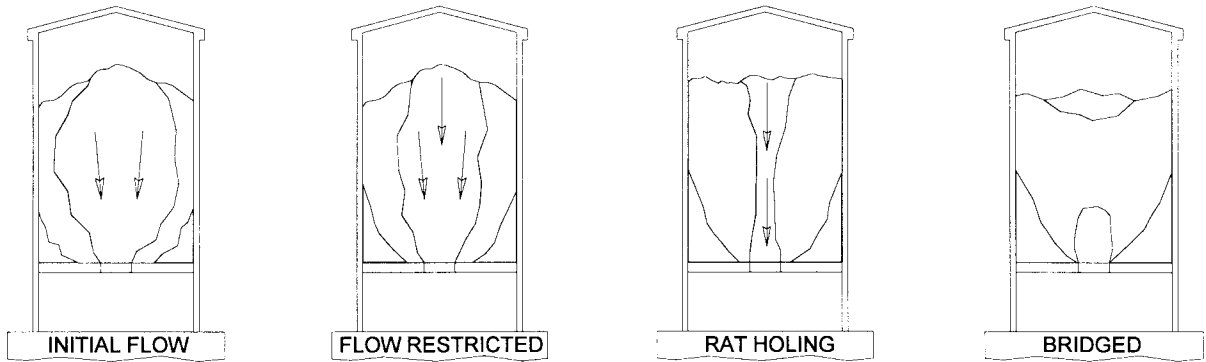
Flat Bottom Storage
Silo Unloader



POW-R-SWEEP

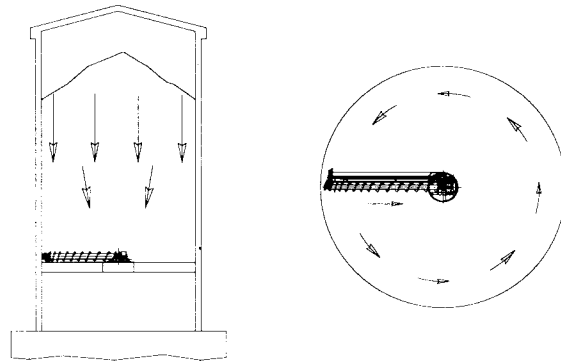
PROGRESSIVE STAGES OF THE SILO BRIDGING PROCESS

WHEN LAIDIG RECLAIM AUGER SYSTEMS ARE NOT BEING USED



L Aidig Benefits:

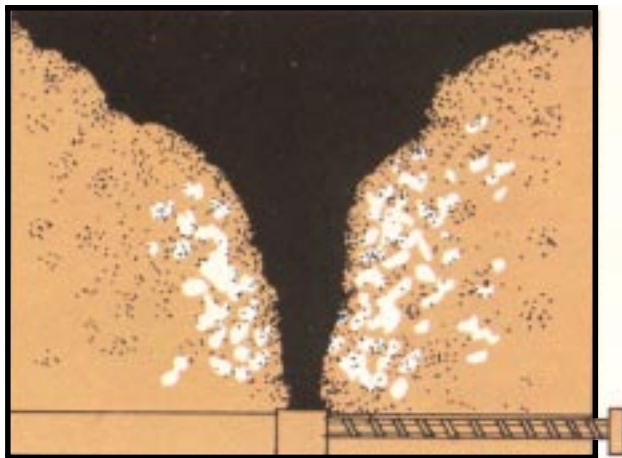
- FAST LOAD OUT
- NO PRODUCT SEGREGATION
- FIRST-IN, FIRST-OUT INVENTORY CONTROL
- ELIMINATE BRIDGING
- TOTAL CLEAN-OUT
- NO DOWN-TIME
- NO INFESTATION
- NO DEGRADATION
- IMPROVED SILO LIFE
- ELIMINATE CLEAN OUT CHARGES
- SOLVE CONFINED SPACE ENTRY PROBLEMS
- ELIMINATE DOCKAGE



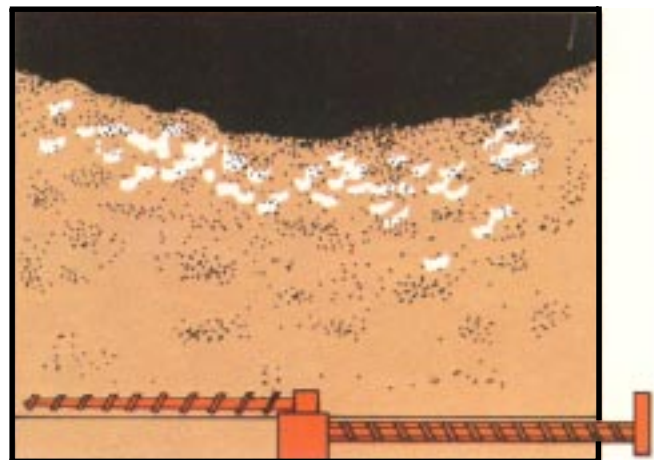
Flow characteristics when using a Laidig unloader

YOUR LAIDIG UNLOADER WORKS FOR YOU EVERYDAY

Unless you have a "full time" Reclaim auger, delivery problems can develop. The Laidig unloader doesn't depend on freeflow to deliver the material. The POW-R-SWEEP auger forces its way into the mass and undercuts it every time you run.



Typical Flow Problems



Flow when using System 143

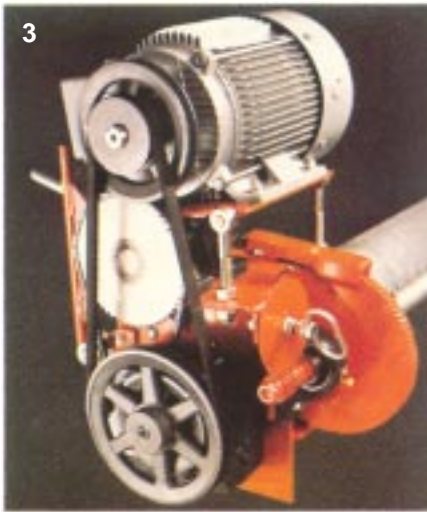
L Aidig 143 Series. Simple. Durable. Dependable.



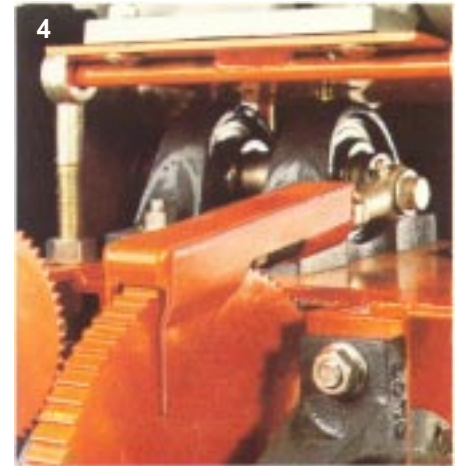
Optional Center Discharge

1. Tapered auger for maximum unloading efficiency.

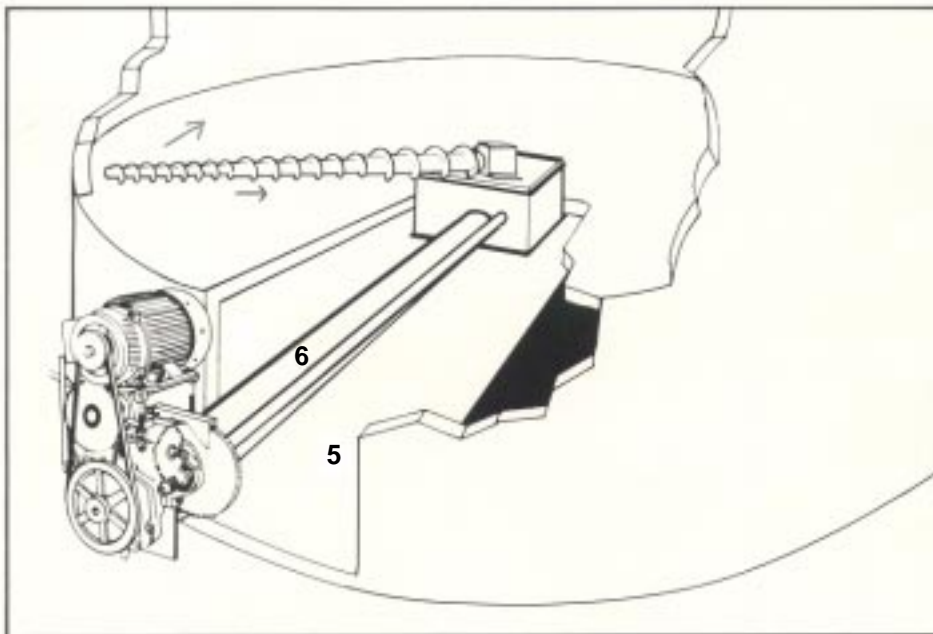
2. Positive flow hopper paddles.



3. Extra heavy-duty gear train to operate under difficult conditions. Husky worm gear drives sweep arm.

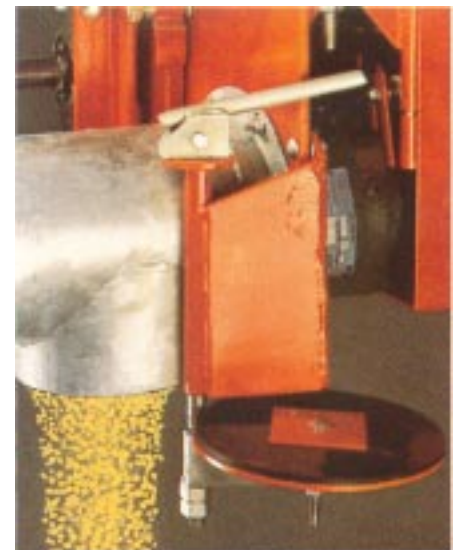


4. Mechanical overload protection provided through a spring-loaded ratchet on the sweep arm drive. Allows auger to work on difficult material before arm advances. Automatic.



5. Service tunnel in installation base puts major components within easy reach.

6. Exit auger drives sweep arm train.



Optional Exterior Discharge

It is the policy of Laidig, Inc. to constantly improve its products. Photos in this literature may vary from actual production units. Photos are not to be used as an aid to installation or assembly. Laidig, Inc. reserves the right to change specifications without notice or obligation.

L Aidig 143 Specifications

MODEL 143

GENERAL

SEALED CONSTRUCTION	YES
SILO DIAMETER	UP TO 25'
EXIT AUGER	6"
EXIT AUGER TUBE	10-3/4" 12 GAUGE
EXIT AUGER SHAFT O.D.	3-1/2" O.D.
STEEL HOPPER	10 GAUGE
TAPERED SWEEP AUGER	YES
QUICK ACTION LOW CLEARANCE	YES
QUICK MOTOR MOUNT RELEASE	YES

MAIN DRIVE

WEATHER PROTECTED ELECTRIC MOTOR	5 HP
SHAFT-MOUNT SPEED REDUCER	FMC 15:1
OVERLOAD PROTECTION CONTROL SWITCH	YES
WEATHER TIGHT CONTROL PANEL	YES
TWO SPEED BELT DRIVE - 50 RPM & 150 RPM	YES

SWEEP AUGER GEARBOX

RIGHT ANGLE GEARBOX (1); 2" O.D. OUTPUT SHAFT WITH HEAVY DUTY BEARINGS	YES
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SWEEP ARM

FOUR SECTION TAPERED DESIGN
6-1/2" DIAMETER FLIGHTING ON 4" O.D. STEEL TUBE.
5" DIAMETER FLIGHTING ON 3" O.D. STEEL TUBE.
4" DIAMETER FLIGHTING ON 2" DIAMETER SOLID STEEL SHAFT.
3" DIAMETER FLIGHTING ON 1-1/4" STRESSPROOF SHAFT.

INDEX WHEEL TO SHOW POSITION OF SWEEP ARM IN SILO	YES
SPRING LOADED HEAVY DUTY RATCHET DRIVE- 5/16" SHEAR PIN	YES
ENCLOSED 1-1/4" STEEL DRIVE SHAFT	YES
WORM PIN DRIVE IN HOPPER	YES

***"Performance Makes
the Difference"***



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