



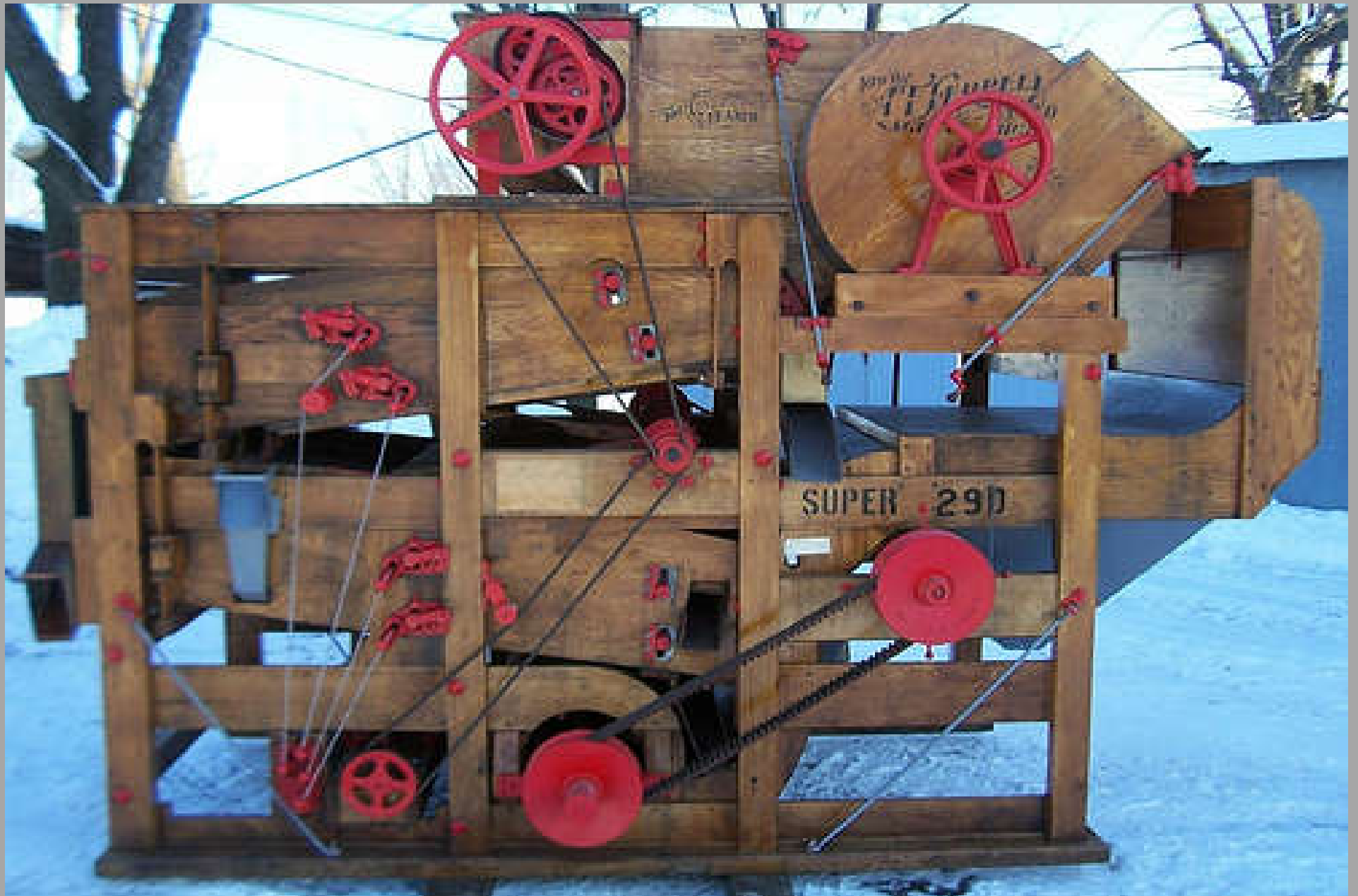
Engineered Without Compromise
by A.T. Ferrell

**AIR SCREEN
CLEANERS**



A T Ferrell Company
Bluffton, Indiana, USA

Clipper Seed Cleaners “Since 1869”



Hi Cap 768



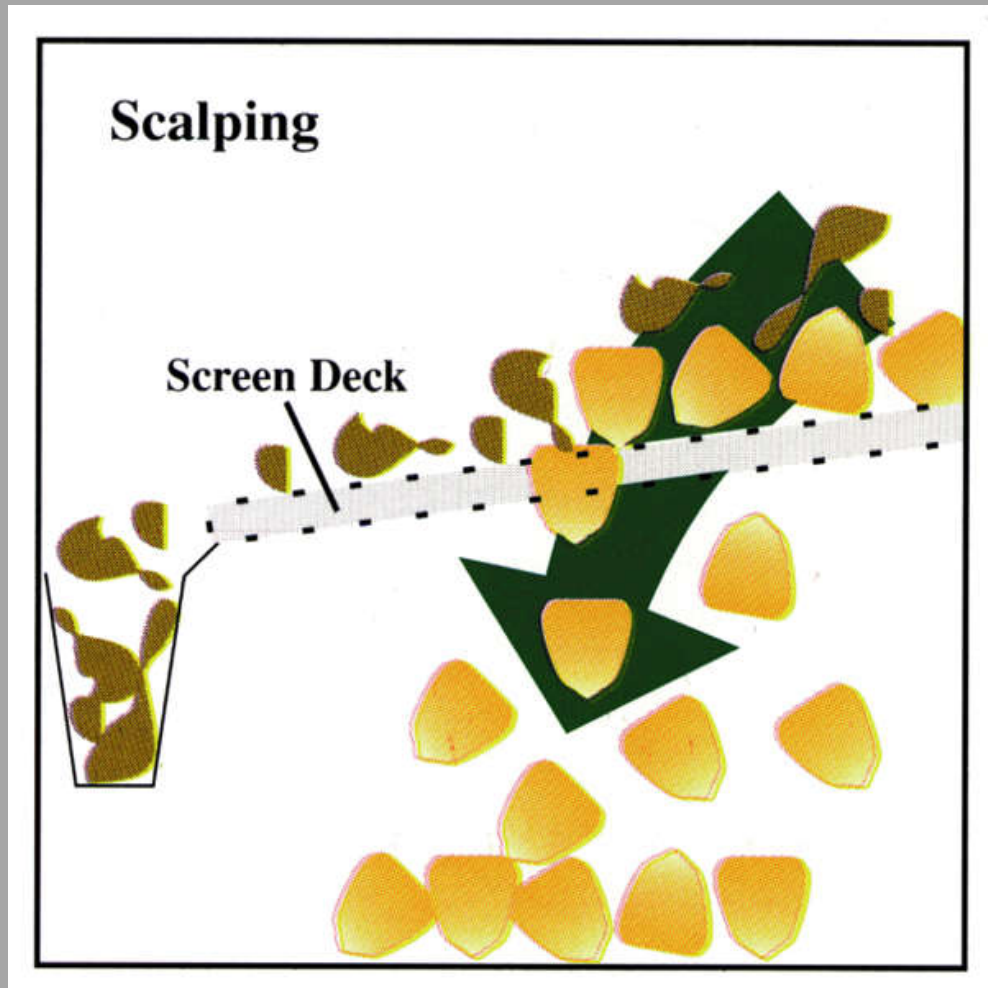
Basic Steps of an Office Tester Cleaner

Scalping

Sifting

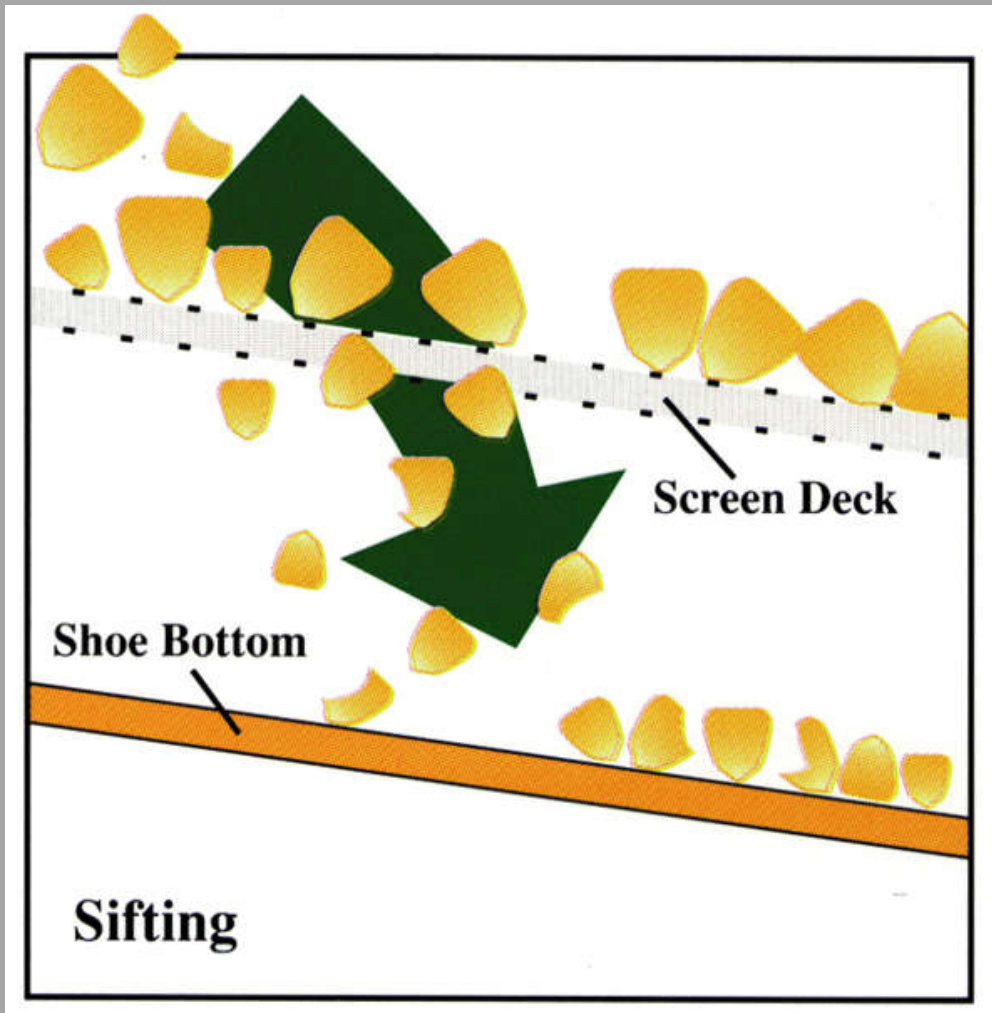
Aspiration

SCALPING



- **INITIAL SCREEN SEPARATION**
- **LARGE OR OVERSIZE TRASH AND SEED REMAIN ON TOP OF SCREENS AND ARE REMOVED FROM CLEANER**
- **GOOD SEED AND SMALL TRASH PASSES THROUGH THE HOLES DOWN TO THE SIFT SCREENS**

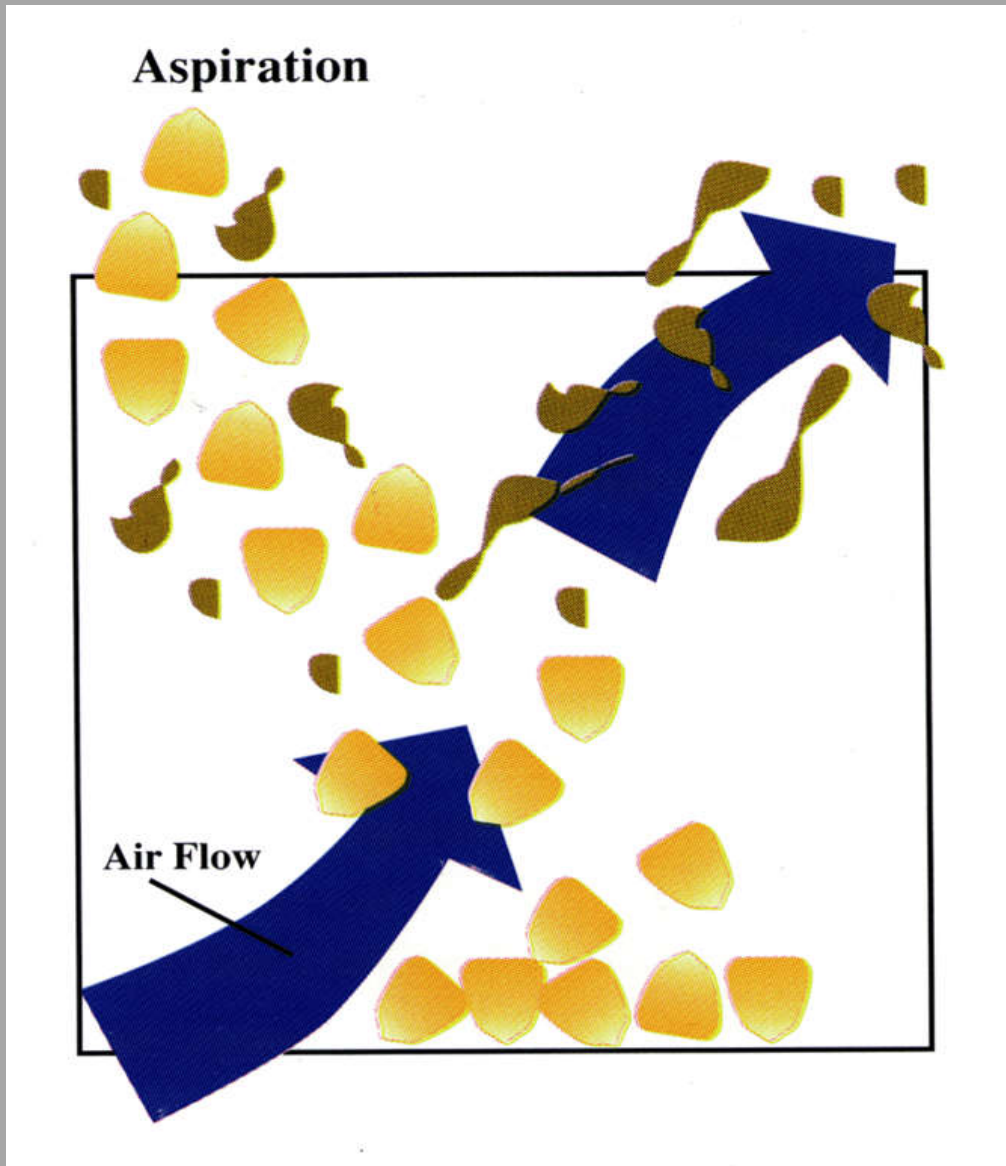
SIFTING



- **SMALL TRASH AND UNDERSIZED SEED FALL THROUGH SCREENS AND ARE REMOVED FROM THE CLEANER**
- **GOOD SEED REMAINS ON TOP OF SCREENS AND IS DISCHARGED FROM CLEANER AS CLEANED PRODUCT**

ASPIRATION

The Difference Maker



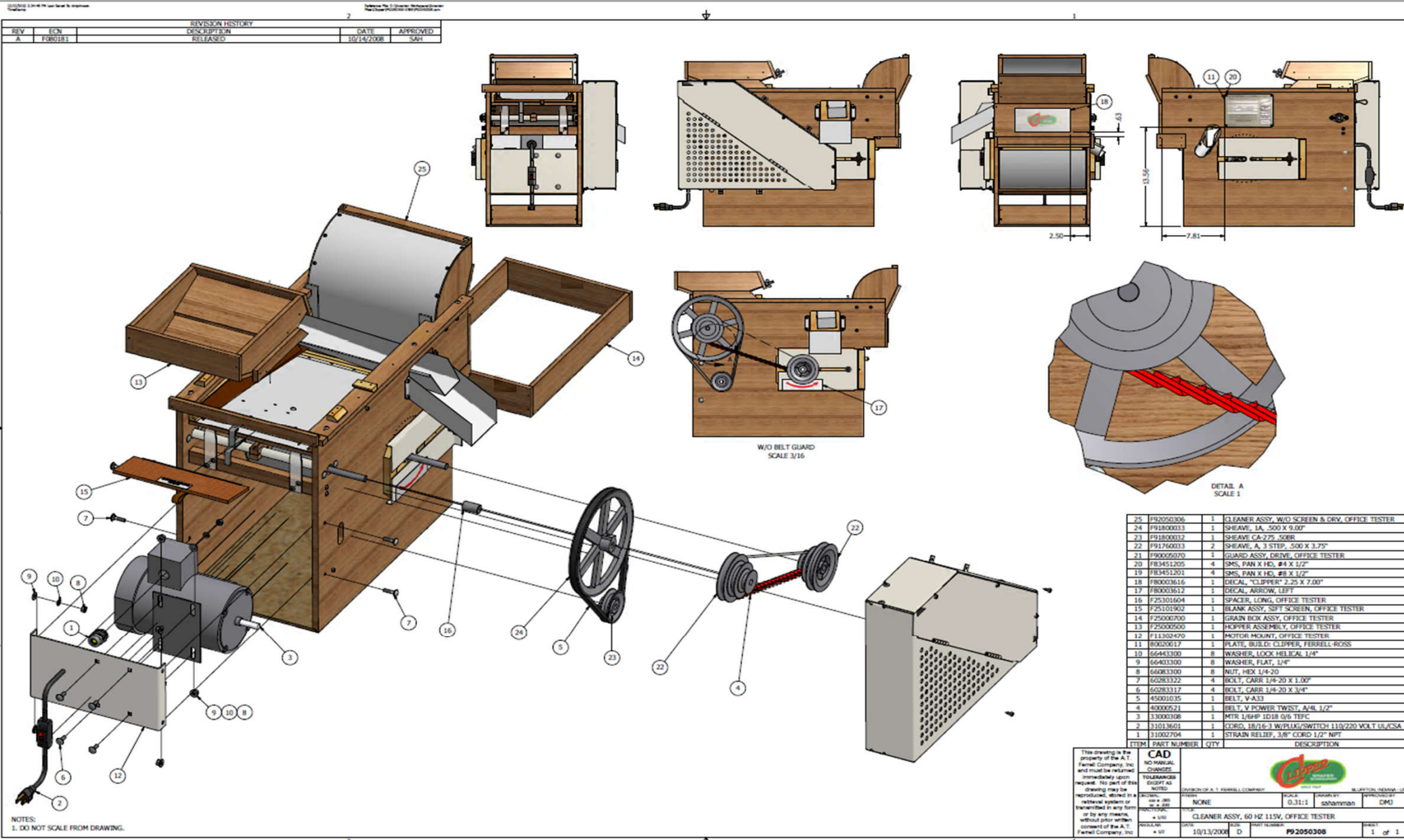
- REMOVES DUST AND LIGHT WEIGHT TRASH
- REMOVES LIGHT WEIGHT SEED
- REMOVES TRASH SIMILAR IN SIZE BUT LIGHTER THAN THE SEED
- REMOVES DUST FROM THE SURROUNDING AREA

OFFICE TESTER

- Oak Construction
- 2 Rows, 2 Screens
- 30 CFM
- Laboratory / Sample Testing 1 bushel per hour
- Easily Portable
- ~90lbs



Office Tester Breakdown



Suggestions

- Make sure screens are kept in good condition
- Warped or damaged screens will affect cleaning
- Maintain the screen rails and rubber seals to prevent fines from migrating back into your product

Suggestions Continued

- Complete periodic cleaning, blowdown, maintenance & inspection to ensure trouble free operation
- Installation is important:
 - Make sure the cleaner is level
 - Product feed and takeaway are critical

The Clipper AGM 224

- Galvanized Steel Construction
- 1500 CFM*
- 2 Rows, 2 Screens
- Ball Tray Technology
- ~750 lbs

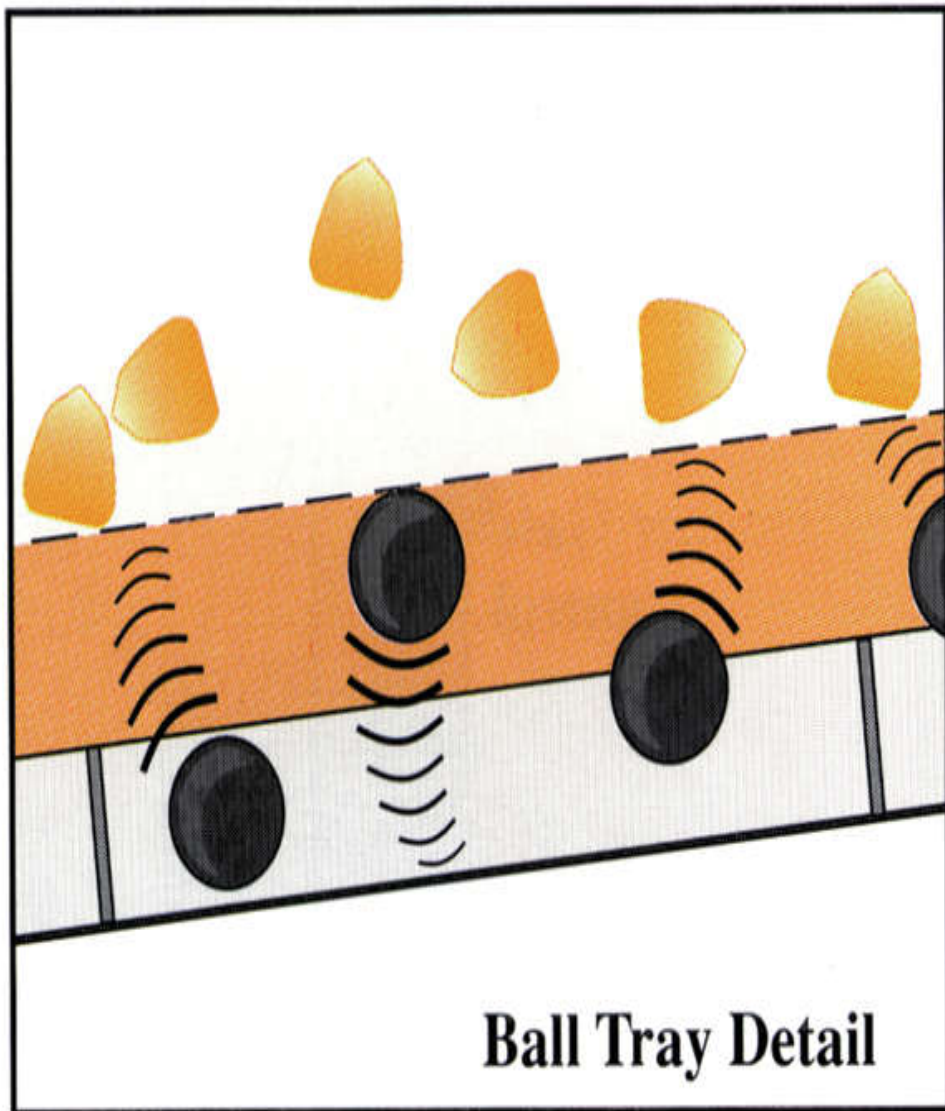


STEP 1 - FAN PLENUM AND FAN SHAFT, SHEAVE AND BEARING COVERS

46	#F00E0016	1	TAG - CLEAN STEEL DISCHARGE
47	#F00E0011	1	BLVET, POW SCREW, 1800, 1.25-2.50
48	#F00E0018	2	CALC, LUBRICATION IN/DO
49	#F00E0024	1	ALUMIN, HST, POLY W/AGENTS, AGH-224
50	#F00E0008	1	PAINT, EPOXY, AGH-224
51	#F00E0020	1	STAND ARIST, 24", AGH-224
52	#F00E0019	1	COVER BLVET, PAINT, ALUMIN, AGH-224
53	#F00E0010	1	ECCENTRIC ARIST, AGH-224
54	#F00E0004	1	HASPER, SHIP, AGH-224
55	#F00E0003	1	FRANK ARIST, IN BUCHER, AGH-224
56	#F00E0001	1	HOPPER ARIST, 3 BLUSH, SURGE, AGH-224
57	#F00E0000	1	HOPPER ARIST, INLET, AGH-224
58	#F00E0000	1	ASSUMBL, 24" DIA, CONTROL, AGH, AGH-224 & BLUSH, SH
59	#F00E0000	1	TRANSMIT, 24" DIA, INLET, AGH, AGH-224 & BLUSH, SH
60	#F00E0000	1	VALVE, PAN ARIST, AGH-224
61	#F00E0004	1	TRANSMIT, INSTALL, 18" PAN ARIST, DISCHARGE, AGH-224
62	#F00E0000	1	PAN HOUNG, INSTALL, AGH-224
63	#F00E0000	1	SHIP, SHIP, CONTROL, AGH-224
64	#F00E0000	1	SHIP, SHIP, CONTROL, AGH-224
65	#F00E0000	1	SHIP, SHIP, CONTROL, AGH-224
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99	#F00E0000	1	SHIP, SHIP, CONTROL, AGH-224
100	#F00E0000	1	SHIP, SHIP, CONTROL, AGH-224

ITEM	PART NUMBER	QTY	DESCRIPTION
	CIVISIGN OF A.T.F. BELL COMPANY 1400 S. GARDEN ST BLUFFTON, SC 29910 404-661-4554 FAX: 1-800-444-5103		
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PUPPOSE OF CLEANING BALLS



- PROVIDES CONSTANT EVEN SCREEN CLEANING
- MAINTAINS AGGRESSIVE AGITATION
- PREVENTS SCREEN BLINDING
- MAINTAINS CAPACITY
- IMPROVES FINISHED PRODUCT QUALITY

Microdebearder

Clipper Micro Debearder

SHOWN WITH OPTIONAL SURGE HOPPER



Microdebearder

The Clipper Micro Debearder is a multi-purpose machine available with various motor sizes and voltages along with optional variable speed controls to handle a wide variety of jobs with ease. The Clipper Debearder originally designed to debeard barley has become one of the most versatile machine in the entire Clipper line. The Debearder Micro incorporates improvements such as increased drum material thickness, hardened hammers, and a new style machined stress proof drive shaft. The Clipper Micro Debearder is the perfect complement to the Eclipse 324 & 334 Seed Cleaners. For more information about this and other Clipper products, please call your nearest Clipper Representative or call our Factory Direct, toll free (800) 248-8318.

Applications

- Debeard barley to improve test weight
- Cilp oats to remove excess fibers, increase test weight, enhance appearance and cleaning ability
- De-awn bronco grass (in oats), dill seed, celery seed
- Break up Speil Clumps

- Hull "whitecaps" in wheat
- Polish tomato seed, remove mold from pepper balls, coffee beans and cassia (cinnamon) bark
- Break up alfalfa pods, grass clusters, flax balls, crested wheat, fescues, brome, and cassia bark

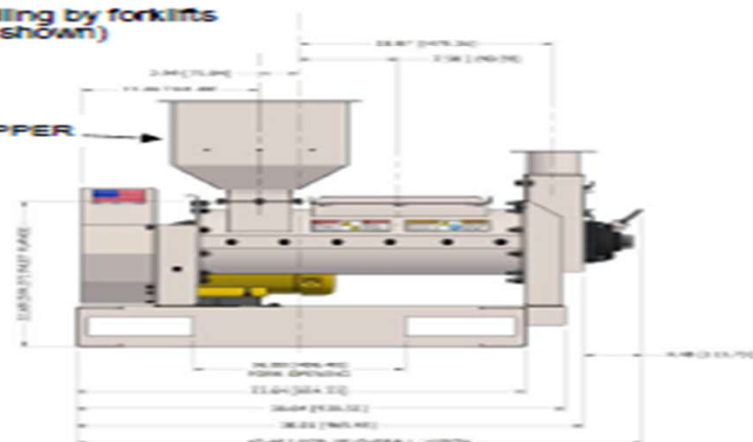
Options

- Inverter Duty Motors and Drives.
- Surge Hopper

- ### Various Motor and Voltage Capabilities

Features

- 1 Heavy duty tin-gauge steel housing
- 2 New style machined stress proof drive shaft
- 3 Interchangeable heat treated hammers
- 4 Pneumatic cleanout along with one top inspection door
- 5 Various size motors and voltages with a HTD belt drive
Variable speed option available
- 6 New style heavy duty base with lift slots for handling by forklifts
- 7 Discharge gate with two adjustable weights (not shown)
- 8 Built in discharge aspiration connection



Clipper Cleaners



Celebrating

150
Years



**CELEBRATING THE PAST BY
LOOKING TOWARD THE FUTURE**