

Dimensions

Length, 9 feet; width, 33 inches; height, 5 feet, 7 inches.

Weight, 800 pounds. ¼ h.p. electric motor is built in.

.720 plates arranged in two opposed banks of 360 plates each deliver cleaned seed and two grades of rejected material at the centre of the machine and 12 inches above the floor.

Capacity to 150 pounds per hour.

MANUFACTURED BY

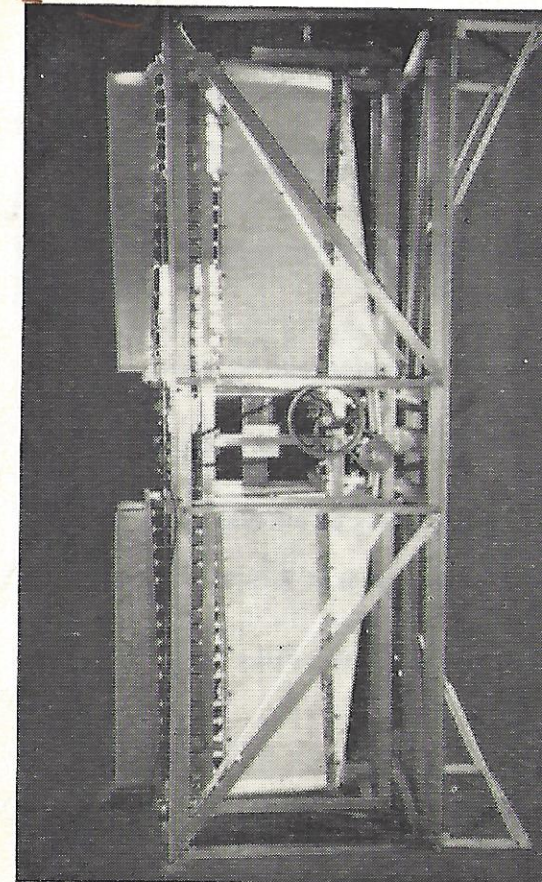
G. H. SNYDER

WATERDOWN, ONT.

Users You Know

Law Seed Co. - - - - - Beeton, Ont.
Wm. Ewing Co. Ltd. - - - Montreal, Que.
Hogg & Lytle Ltd. - - - - - Oakwood, Ont.
United Co-Ops of Ont. - - - Toronto, Ont.
Topnotch Feeds Ltd. - - - Stratford, Ont.
Earlton Farmers Co-Op. - - - Earlton, Ont.
R. N. Alexander - - - - - Londesboro, Ont.
Spicknall Seed Co. - - - LaBelle, Missouri
E. G. Mehlanbacher & Son - Fisherville, Ont.
N. E. Hagedorn - - - - - Paisley, Ont.
Temiskaming Dist. Co-Op. - New Liskeard, Ont.
Foster-Kendall Co. Carmel, Ind.
Henry Hirsch & Sons, Toledo, Ohio,
Wyatt Seed Co. Petersburg, Ind.
Central States Seed Co. Lima, Ohio,
Alton L. Culver & Sons Trumansburg, N.Y.

THE
PERIGON BUMPER
TIMOTHY MILL



Outstanding Features

1. No shock or vibration to your building.
2. Silent operation.
3. Continuous uniform non-clogging feed, without bleed to re-elevate to supply bin.
4. Reduction in amount of pre-milling.
5. Good capacity on light and salvage seed.
6. Quick adjustments while running so effect may be observed.
7. Thorough separation without waste.
8. Round the clock operation without attention.
9. Ease and economy of installation.
10. Sturdy construction of Kiln Dried Oak.
11. Furniture-like finish worthy of the finest mill room.
12. Moderate cost.

THE PERIGON BUMPER is a mill for the final cleaning of timothy seed to top grade purity. Engineered to advanced design and construction to meet the needs of the most modern volume seed processor. It makes sharp and thorough separation without waste of ox-eye daisy, false flax, buckhorn, cockles, thistle, couch grass, cultivated grasses, alsike and clover, etc., from timothy seed.

Separation is effected by generating a motion of the bumping heads consisting of multiple metal separating plates, that causes the rotund timothy seeds to roll along the plates by gravity while the less rotund and irregular shaped weed seeds are caused to skid across the plates by the bump impact. The PERIGON construction of two opposed heads impacting against each other at the centre eliminates all shock to the building and provides a more effective separating motion. Quick, simple and convenient controls permit adjustment while in operation to suit varying quality and conditions of operation.

Moderate pre-milling on a screen and air mill is necessary preparation for bump milling but the need for excessively severe pre-milling to obtain reasonable bumper capacity has been eliminated by development of a new and novel method of flow control

for the feed manifolds. This employs the natural angle of repose at which the seed comes to rest as a means to control the flow and permits the use of a feed opening large enough to pass irregular material which formerly caused clogging yet supply as little as one six-thousandth part of an ounce of seed to each plate at each bump.

When installed in convenient relation to supply and receiving bins of suitable capacity, operation can be continuous twenty-four hours per day with a minimum of inspection and attention at intervals of several hours so that no increase of staff is needed. Several times the cost of a **PERIGON BUMPER** can usually be earned each season by employing it to salvage the remilled marketable seed contained in the rejected material and screenings produced by the primary cleaning equipment, which material must be discarded as waste when no bumping mill is at hand.

The machine is self contained including a built-in electric motor and installation is completed by positioning in convenient relation to supply and receiving bins and connecting to the power line.