

***PUTTING A
NEW
SPIN*** on

ENTOLETING

SCOURING

DEGERMING

DEHULLING



ENTOLETER INFESTATION DESTROYER

For the last six decades, Entoleter has provided the grain processing industry with quality equipment in an ever-changing product line that never varies in performance.

The Infestation Destroyer (EID®) was designed by Entoleter and tested in conjunction with the U.S. Department of Agriculture. Thousands of Entoleter Infestation Destroyers in mills worldwide confirm the efficiency of the unique EID centrifugal impact machine to destroy eggs, larvae, and mature infestation in flour and other grain products with a 100% effective kill rate.

The importance of the EID in the flour milling industry is clear – “entoleting the flour” has long been a generic term that originated with the use of Entoleter’s Infestation Destroyer over several generations.

Principle of Operation:

A high-speed rotor is the only moving part in the processing zone of the Entoleter mill. Feed materials enter the rotor from the inlet(s) located at the top of the mill. As material enters the rotor, it is thrown outward due to the centrifugal force of the spinning rotor. The processed material then spirals to the bottom of the conical discharge hopper and out to conveyors or bins.

Entoleter provides a wide range of capacities (10 cwt to 2500 cwt per hour) to the milling industry.



27-2CBP



40-1SDP

ENTOLETER SCOURER ASPIRATOR

The Entoleter Scourer-Aspirator (ESA®) is standard grain cleaning equipment in flour mills around the world. The ESA's unique centrifugal impact action is unsurpassed for cleaning of dry and tempered grains.

To meet varying requirements, an expanded line of machines with capacities ranging up to 800 bu/hr. is now available. Included in the line are the direct drive Series 14-1SDG (250 bu/hr.) and a belt driven Series 27-3CBP (up to 800 bu/hr.). The proven processing elements that have made the EID® the industry standard have been fully retained in the ESA product line.

Unique centrifugal impact processing – the key to the ESA's superior grain cleaning capability is its centrifugal impact action. Grain striking impact pins causes hulls, grease, dirt, wheat beards, bee's wings, and both internal and external insect life to be dislodged. The grain is scoured to remove stubborn debris and bacteria as the stream flows into an integral aspirator.

Selective grain cleaning – the impact action of the ESA can be closely controlled for either deeply infested grain or grain that is relatively clean. The result is minimum breakage of good grain and minimum fragment count. Thorough scouring in a swirling action against the conical inner surface of the scourer casing, combined with uniform air velocity in the aspirator section removes all debris and allows only clean grain to pass.

Advantages of the Entoleter Scourer Aspirator

- One compact scourer-aspirator unit
- Rugged wear protection
- Minimized floor-space requirements
- Simplified maintenance
- Air control valve controls allows removal of unwanted debris and ash
- Multiple stage systems result in reduced power requirements
- Equally efficient on: wheat, corn, oats, barley, soy beans, sorghum, milo, mustard seed, and similar grain products



And — We do more than kill bugs

Dehulling

Entoleter mills use centrifugal force to break and remove hulls from grains and seeds. The controlled speed of specially designed rotors breaks the hull, which is separated from the meat by a scouring abrasive liner. A controlled air stream removes the hull, allowing the cleaned product to drop into a collection zone.

Entoleter dehullers operate at a capacity of up to 800 bushels per hour with minimum breakage of the grain or seed. They are designed to provide uniform results over long periods with minimal maintenance.

Corn Degermination

The Entoleter corn degerminating CentriMil® eliminates the need for tempering the corn or for a drier to remove added moisture after degerming. Controlled rotor speeds result in minimum fines during release of the germ from the corn.

This highly efficient mill will provide up to 99% germ separation with a product moisture content of 12-15%. Entoleter offers this high output for a low energy investment; a 550 bushel-per-hour throughput requires only 20 horsepower.

Prebreak

The Entoleter CentriMil® is a highly efficient, low-energy "prebreak" machine for wheat and other grains. With closely controlled speed and wear protection, grain can be sufficiently broken to avoid wear on first break rollers – without grinding the kernel.

At 1 to 2 horsepower per 25 bushels of wheat, Entoleter mills' savings are unequalled by other prebreak methods. Simplicity in design and operation allow for minimum downtime and maintenance.

To Learn More About
the Entire Line of
Entoleter Industrial Machinery —
including Mixers, Grinding and
Deagglomerating Equipment,
and Scrubbers —
please contact



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