Westrup Equipment Tailored for Industrial Seed Cleaning

Westrup SD-1500 Flat Screen Scalper for Removing Pods from Soybean Seed

Westrup is proud to introduce the new E30 Screen Module with one main shoe and a total of **four parallel screen layers**. Each layer is 59 inches wide by 79 inches long; with split flow to four parallel scalping layers. The E30 screen system is designed for high capacity pre-cleaning. The SD-1500 Model is rated at **5,000 bph** removing pods from soybeans.

Westrup SD Modular Cleaner: With four parallel screen layers and a highly efficient air system, it is more efficient than traditional scalping reel machines in removing pods from soybeans at high capacities.

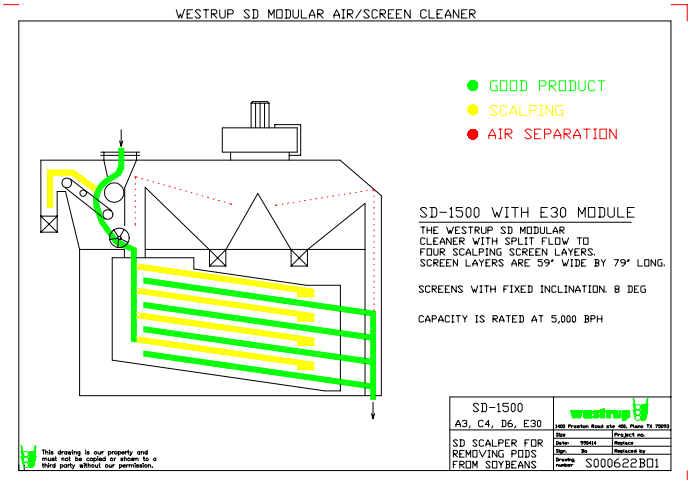
Large Scale Industrial Design

The SD-1500 Scalper has a range of standard features:

- **A3 Feed Module** with 6.4" steel feed roll, scalping belt and discharge auger for large scalpings
- **C4 Aspiration Module** with vertical pre-air channel, two settling chambers with discharge augers, free air valve and calibrated air valve controls. Top mounted fan is optional.
- **D10 Final Air Column** with fixed depth
- **E30 Screen Module** with steel frame and one counter-balanced wood shoe with four screen layers
- **Industrial components** for minimum maintenance

The E30 Screen System

The E30 screen system offers a total screen area of 129 square feet for scalping. Scalping layers are at 8 deg inclination. The shoe has a suspended counterweight and internal counterweight flywheels for smooth operation. The shoe hanger springs are made of laminated fiberglass for long life and the shoe is held in a steel suspension frame. The screen tracks are dented for self-cleaning and the shoe is easily accessible for clean-outs.



Westrup E30 Module: Split flow to four scalping layers. Also shown with A3 feed module with segmented scalping belt with ¾" by ¾" openings.

Westrup Optional Features

The SD-1500 is available with the following options:

- Explosion proof motors, Class II, Group G
- Frequency inverters for feed roll and eccentric drives
- Steel lined screen tracks with rubber seal at the top
- Shoe cover with aspiration spout for dust control
- Stainless steel flow dividers for long life
- UHMW wear liner under and above the feed roll
- Additional rubber plug ports for sample taking

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