

## **FOR IMMEDIATE RELEASE:**

### **Commercial Sweep Features Control Sensor for Automated Sweep Operation**

George, IA July 29, 2005 Successfully operating in commercial bin unloading applications in the United States and abroad, the Series II Commercial Sweep from Sudenga Industries, Inc. of George, Iowa is engineered to thrive in the abusive environment of commercial grain bins. In addition to robust engineering, which provides dependable service, features like the patent applied for Sweep Control Sensor ensure the Series II functions at optimal levels while minimizing the need for personnel inside the bin while the sweep is in operation.

Highlights of the Series II Commercial Sweep include:

- Sweep Control Sensor (patent applied for) monitors the amperage load placed on the motor by the sweep auger. The Control Sensor automatically stops forward movement of the Push Tractor when the amperage load exceeds its ideal operating window, then resumes forward movement once the grain is cleared, reducing wheel spin, while keeping the auger at an optimum fill level.
- Standard motorized Push Tractor features 16-inch, foam filled tires which are driven by direct couple "C face" motor & dual chain reduction drive. When coupled with the Control Sensor, the Push Tractor can be run automatically, or manually in forward or reverse.
- The Series II is engineered for use in commercial grain bins from 48 feet to 120 feet in diameter.
- The 12-inch model handles up to 6,500 bushels per hour, while the 16-inch model handles up to 10,000 bushels per hour.
- Totally enclosed "C-Face" Direct Drive Motor Couple Motor eliminates belts and pulleys.
- The Series II features a triangular "flow-thru" truss design (patent applied for) with galvanized back shield. Grain flows through the Sweep, filling the structure, making it self-supporting, and reducing pressure on components, when the bin is filled.

Information on the Series II Commercial Sweep, or other Sudenga products can be found on their website at [www.sudenga.com](http://www.sudenga.com). For additional information, pricing or photos pertaining to this release, contact: Greg Ver Steeg via e-mail at [gversteeg@sudenga.com](mailto:gversteeg@sudenga.com), by phone at 1-888-783-3642 or by fax at 1-712-475-3320. Write to Sudenga Industries at 2002 Kingbird Avenue, P.O. Box 8, George, IA 51237.

Sudenga Industries was founded in George, IA in 1888 as an iron and woodworks shop providing area farmers with shoes for their horses and replacement wagon parts. Growing exclusively into manufacturing over the years due to their ability to meet the demand from local farmers for labor saving equipment, Sudenga Industries has grown to-be recognized as a leader in the design and manufacture of high-quality, innovative grain, feed and seed handling products. Sudenga Industries continues to grow, with an ever-expanding product line and customer base. Owners and employees alike maintain a proud tradition of more than 115 years of customer service and commitment to quality.

###



**Sudenga**  
ELECTRIC CONTROL SYSTEMS

**⚠ DANGER**



HIGH VOLTAGE  
-SHOCK OR SERIOUS BURNS  
MAY RESULT IN DEATH OR  
PERSONAL INJURY  
-DISCONNECT AND  
LOCKOUT POWER BEFORE  
SERVICING

START



STOP

**⚠ CAUTION**

THIS CONTROL BOX IS NOT  
INTENDED TO BE MOUNTED IN  
AN EXPLOSIVE ENVIRONMENT  
MOUNT THIS BOX OUTSIDE THE  
GRAIN BIN  
FAILURE TO HEED THIS WARNING  
COULD CAUSE SERIOUS  
PROPERTY DAMAGE AND  
POSSIBLE BODILY INJURY

AUGER

ON



TRACTOR

ON



AUTO



MANUAL

OFF

TRACTOR  
FORWARD



REVERSE

PATENT PENDING

010403