



## **PRESS RELEASE**

**03 August 2006**

### **ALL NEW SOIL SEPARATOR!**

#### **STANDEN-PEARSON UNISTAR – SET TO REVOLUTIONISE SOIL SEPARATION**

Full details of an all new soil separator from STANDEN-PEARSON are released today. UNISTAR is the result of an intensive development programme and considerable investment by Standen Engineering Ltd into new technologies. Several patents have been applied for; UNISTAR offers many new advantages as a result of its revolutionary design. Performance testing in the field has demonstrated 30%-50% output gains over existing machines, more in certain conditions.

Inventor of the highly successful MEGASTAR soil separator, the original star soil separator, Dave Weston and Design/Development engineer Richard Troop created the concept and completed the design of UNISTAR. Bringing their considerable experience together with STANDEN engineers they have created a machine offering growers a major step forward with new star technology and much more.

While it features a unique star and web configuration, at the heart of UNISTAR is an exciting new star design. UNISTAR stars are larger in diameter at 230mm, and considerably more aggressive than previous designs. Manufactured from an advanced hard wearing polymer compound know as DUROPOL, there are 10 rows of stars mounted on heavy-duty shafts in ACTIFLOW formation to spread material across the complete star bed.

Benefits include superior intake and faster material movement through the machine; bigger diameter stars pull in material and process soil/clods/stones efficiently. The new stars also provide improved clod and soil crumbling for a beneficial cultivating effect to make the most of the soil available.

An 'UNDERweb' is located beneath the rear six rows of stars, extending to feed clods/stones to the cross conveyor, thereby creating an additional drop and dramatically enhancing separation. So whilst stars effect primary separation, final grading is controlled by the UNDERweb. Thus it is no longer necessary to change star spacers for different requirements; previous star soil separator machines would be specified as 2-spacer machines for clod, or 1-spacer for stone. A simple web pitch change (from 36mm to 50mm can be specified) is all that's needed.

This all makes UNISTAR a truly universal separator; equally at home on cloddy or sandy soils, or soils with high stone contents. UNISTAR is designed to appeal to growers with existing web, combination, or star soil separating machines as it offers all the advantages of these in one machine. Ideal for contractors or growers with varying soil types, it is also easier to operate by a less skilled operator than previous star machines. Star wear has little effect on bed quality as the UNDERweb controls the final bed finish and soil grading.

The first STANDEN-PEARSON machine to feature unitary (monocoque) construction, UNISTAR has the inherent advantages of a high strength to weight ratio, and easy access to all drives and maintenance points. Star shafts can be easily and quickly removed from the side of the machine for maintenance. Low wear, low maintenance and low noise heavy-duty rubber toothed belt drives are featured throughout the machine. UNISTAR has no chain drives at all.

Standen Engineering Ltd will produce a limited number of UNISTAR separators for 2007 with full production for worldwide markets in 2008.

RETAIL PRICE – STANDEN-PEARSON UNISTAR - £53500.00

FOR FURTHER INFORMATION ABOUT THIS PRESS RELEASE  
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