

Evolution separator



The Evolution Separator consists of a number of shafts constructed out of deformable, multi-fluted soft rubber rollers rotating against fully adjustable polished stainless steel or rubber clod rollers.

The fluted rollers are driven by a variable speed motor (for maximum adjustment) and are available in three increasingly aggressive versions. The first option is the non-aggressive 8mm flute (suitable for salad potatoes), secondly is the semi aggressive 10mm flute and finally the very aggressive 20mm flute.

The clod rollers also have the benefit of variable speed for increased adjustment but they have the added benefit of height and gap adjustment as well as variable spring tension.

The concept of the height and gap adjustment is to increase/decrease the amount of stone and clod extraction from a crop.

Adjustment of the clod rollers is made easy by winding a screw jack assembly which allows quick and easy height and gap adjustment.

Galaxy star separator



Galaxy Star separators are renowned for exceptional removal of loose soil, small stones and clods from the crop especially when loading into store at harvest time.

Fourteen Finger stars work rigorously together to remove loose soil without damaging the crop.

Clod Rollers are fitted after every second row of stars. These are normally hexagonal rollers which remove small stone, clod and other debris.

Variable speed motors drive the stars and clod rollers independently.

Reversing Clod Rollers give good flexibility. A reversing switch allows the rollers to rotate in either direction against the stars. To remove the clod etc the stars rotate against the stars to pull out the misshapen clod, stones etc... In good conditions the clod rollers should rotate in the same direction of the stars.

Salad Potatoes through to processing crops are handled carefully without bruising.

Star cleaners



Rubber Stars effectively remove loose soil when working in bad conditions. Six rows are fitted as standard.

Choice of fixed centres or adjustable centres are available.

Adjustable stars can be adjusted by a winding handle to increase/decrease the gaps between the stars.

Drive mechanism is by interlocking spur gears which constantly mesh as the coils are opened and closed. This system is positive and troublefree. (No small drive chains which can stretch and need constant attention).

Slip Clutch protection for the drive system and motor is fitted as standard to prevent possible damage caused by stones.

Sliding Chassis allows the screen section and inspection table to move with the coils as they are adjusted. This allows the transfer of crop from the coils to the screen to remain the same at all times. This is critical for the prevention of damage to the tubers.



Soil separation by TongPeal

Verti-Cam Galaxy - the ultimate cleaning system



Verti-Cam consists of two rows of Galaxy stars. The gap between the stars is adjustable.

Cleaning Stars and Cam are fitted beneath the stars. These keep the galaxy stars clean by removing soil from between the star sides and the cam flicking the ends of the stars to stop soil build up between the fingers.

Verti-Cam operation allows the efficient removal of soil in the worst of conditions.

A Presentation Belt fitted before the Vert-Cam allows the correct level of crop to give the ideal feed to the cleaner.

Verti-Cam Galaxy Combination gives the best in soil, stone and clod separation. The Verti-Cam removes the majority of loose soil which leaves the **Galaxy Separator** time to work at removing small stone and clod.

Soil separation by TongPeal

Caretaker Coil Cleaners



Caretaker Coil Cleaners have six adjustable centre spiral coils to remove loose soil, small stones and clods.

Drive mechanism is by interlocking spur gears which constantly mesh as the coils are opened and closed. This system is positive and troublefree. (No small drive chains which can stretch and need constant attention).

Slip Clutch protection for the drive system and motor is fitted as standard to prevent possible damage caused by stones.

Sliding Chassis allows the screen section and inspection table to move with the coils as they are adjusted. This allows the transfer of crop from the coils to the screen to remain the same at all times. This is critical for the prevention of damage to the tubers.