

Revolving Flats Drive System

Replacement Revolving Flat drive system for previously supplied Crosrol Cards, which were fitted with an individual Flat drive motor.



The system is driven from the Cylinder shaft via a Reduction Gearbox to provide the Revolving Flats with a constant and reliable drive.

During electrical power outage the previously fitted design could cause the Revolving flats to stop rotating immediately thus allow the Cylinder to load with un-cleaned Flats strips, this often resulted in prolonged machine downtime whilst the Flats strips are removed manually, It could on occasions result in damage occurring to the Carding wires.

A Clutch system is provided to eliminate any potential for Flat chain damage due to excessive loads been applied.

Parts included in the Change Kit: -

- Helical worm drive Reduction Gearbox with Safety overload Clutch system.
- Gearbox Support Brackets and Drive shaft if applicable.
- Drive Pulleys and Belts suitable for desired Cylinder to Flat speed ratios.
- Full instructions on how to assemble the new Flats Drive system to your old Carding machine.