

WSA USA PreFeeder Retrofit Kit

Enhanced Control. Faster Recovery. Increased Productivity.

The **WSA USA PreFeeder Retrofit Kit** is a cost-effective upgrade designed to improve operator control, reduce downtime, and increase overall production efficiency. By adding manual **reverse-run capability** to both the **Prefeeder Extendo Conveyor** and the **Wait Conveyor**, this retrofit allows operators to quickly respond to common material handling issues with minimal or no stopping production.

This solution is ideal for facilities looking to enhance existing equipment performance without the expense of a full system replacement.

Prefeeder Extendo Conveyor – Reverse Option

The retrofit kit enables the **Extendo Conveyor** to manually operate in reverse, providing operators with a powerful tool to manage jams and board positioning issues more effectively.

Key Benefits:

- **Quick Jam Clearing**
Reverse operation allows operators to clear jammed board quickly and safely.
- **Improved Board Control**
Board overhang can be pulled back before raising the extendo, reducing damage and causing misfeeds.
- **Reduced Downtime**
Problems are corrected instantly, keeping production moving.

Retrofit Enhancements:

- Replacement of the existing hydraulic valve with a **reversing valve**
- Replacement of the extendo jog push button with a **3-position momentary selector switch** (FWD / OFF / REV)
- **PLC program modification** to enable and safely control forward and reverse operation
- Clearly defined **FWD and REV switch functionality** for intuitive operator use

Wait Conveyor – Reverse Option

The retrofit kit also adds reverse functionality to the **Wait Conveyor**, giving operators greater flexibility when handling skewed or jammed board.

Key Benefits:

- **Rapid Correction of Skewed Board**
Reverse motion allows operators to realign sheets without stopping upstream processes.
- **Efficient Jam Recovery**
Clear jams quickly without manual handling or extended downtime.
- **Improved Operator Safety**
Less need to access the machine interior during faults.

Retrofit Enhancements:

- Replacement of the existing hydraulic valve with a **reversing valve**
- **HMI modification** to provide a manual reverse control option
- **PLC program modification** to integrate reverse operation with existing controls and interlocks

Why Choose the WSA USA PreFeeder Retrofit Kit?

-  Reduced downtime and faster recovery from jams
-  Improved material handling and sheet control
-  Increased productivity and throughput
-  Enhanced operator safety and confidence
-  Seamless integration with existing equipment

The **WSA USA PreFeeder Retrofit Kit** delivers immediate, measurable improvements in performance and reliability. By giving operators the ability to reverse both the extendo and wait conveyors, this retrofit turns everyday production challenges into quick, manageable adjustments, keeping your line running smoothly and efficiently.



