



# J&H Equipment, Inc.

## Maximize Efficiency with the Material Stream Splitter

### **J&H MULTI-SCREEN STREAM SPLITTER**

#### **FEATURES:**

##### **Modulating Stream Splitter**

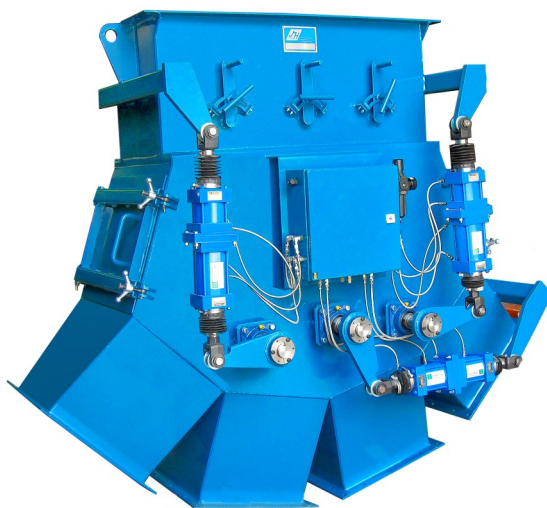
- Modulation capability 0-100% of stroke
- Electromechanical linear or pneumatic actuator
- 4 to 20 mA position signal input and feedback signal

##### **Non-modulating Stream Splitter**

- Fixed positions
- Electromechanical linear or pneumatic actuator

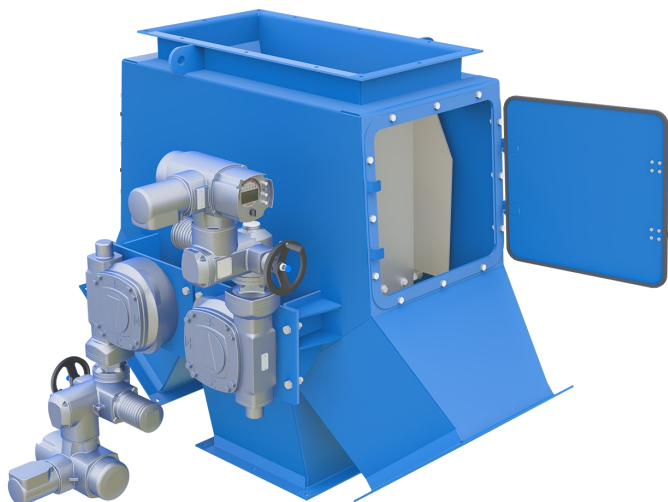
##### **Common Features**

- 3, 4, 5, or 6 discharge ports
- Carbon steel powder coated body
- Full-width access doors on each side
- Stainless steel blades
- Optional IP65 independent limit switch for position confirmation
- Capacity ranges from 50 to 800 tons per hour
- Control can be as simple as a local control box or can be integrated in the DCS control system with live feedback



Stream Splitters – like other J&H diverters – are divided into two families: modulating and non-modulating (open/close only travel) with fixed positions. J&H modulating Stream Splitters are available with a linear electromechanical actuator or a modulating pneumatic actuator. Standard command signal and feedback is 4 to 20 mA. J&H fixed-position Stream Splitters are available with linear electromechanical or back-to-back pneumatic actuators. Built with a body of carbon, stainless, or AR400 steel, they are coated with a durable, industrial powder coat. Internal blades are made of stainless steel. All our splitters are built with full-width access doors to allow for easy cleanup or maintenance of internal components. Control can be as simple as a local control box or can be integrated into a DCS system control with live feedback. Optional independent IP65 limit switches are available for position confirmation.

The J&H Stream Splitter is a unique machine designed specifically to feed material to multi-screen installations. Built with three, four, five, or six discharges, our stream splitters will handle from 50 to 800 tph and up of dry, loose material. Actuators maneuver multiple splitting blades in order to divide the input stream of material into equal downstream screen feed requirements. Actuator power can be electrical or pneumatic in both fixed position and modulating versions. J&H Stream Splitters are designed for today's demanding production requirements. The Stream Splitter enables the customer to evenly divide the flow of material into 3, 4, 5, or 6 streams and minimizes height requirements and the need for multiple splitters to try to achieve the same outcome. Another revolutionary feature of the J&H Stream Splitter is its ability to shut off flow to a single screen line while instantly equalizing flow to remaining screen lines. This innovative design allows the end user to perform maintenance on that line or its crusher below without slowing or stopping production of the entire plant.



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