

Advanced Conveyors & Bulk Handling Systems

The SMART Conveyor™ Company

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SMART CONVEYOR™

SMART Conveyors™ from Biomass Engineering & Equipment are premium twin-chain drag conveyors designed to lower operational costs from the time of installation onward. We're so confident in them we back them with a standard, one-year warranty.

**UNIQUE
CAPABILITIES**

**SUPERIOR
DESIGN**

**BUILT-IN
SAFETY**

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SMART CONVEYOR™

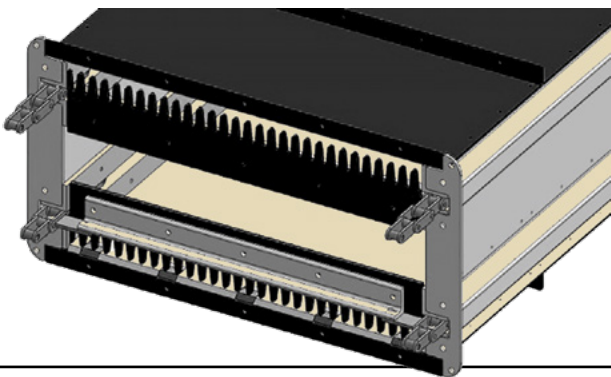
Designed for versatility, SMART Conveyors™ are available in three series with variable volumetric and load capacities. Conveyor widths range from 18-72". All are available with a variety of finishes and components. They allow for multiple inlets and outlets and can be configured as top-drag or bottom-drag units. Ash-handling configurations are also available.



01

UNIQUE CAPABILITIES

- High inclines up to vertical
- Change curve wear strips in just minutes (S Series)
- Modular construction allows for reconfiguration
- Replace sprockets and wear items without breaking the chain
- Relatively little power required for high volumes



02

SUPERIOR DESIGN

- Paddles don't touch floors or sidewalls
- Chains run outside the material path
- Bolted construction
- Metal-on-metal contact occurs only at the sprockets
- Requires only one structural support every 40'
- Enclosed design contains dust
- Standard parts for easier maintenance
- Split head for faster maintenance (M/T Series)
- Multiple fail points to protect critical components



03

BUILT-IN SAFETY

- Fully enclosed / "dust tight"
- Shaft-mounted gearboxes with direct drive
- Available with automatic deluge with spark detection, explosion panels, and flameless explosion vents
- Meets NFPA standards for explosion hazards