TERRASOURCE GLOBAL
HANDLING A WORLD OF MATERIALS

JEFFREY RADER

BELT PILE BUILDER

Designed exclusively for handling wood chips and to provide features not available on existing bulk throwers.

Important Features

Pile Building Capacity | Directional Control While Operating | Low Maintenance | Rapid Belt Replacement

Pile Building Capacity

Pile Building Capacity The Jeffrey Rader Belt Pile Builder is specially designed for the construction outside wood chip storage piles of up to 23,000 units at a 50-foot or 15-meter height, without the need of mobile equipment, and at rates up to 900 tons per hour. The features, which allow 150-foot or (45 M) throw capability, are the in-feed chute design with low-impact angle, low-friction polyethylene material to maintain chip speed, and belt speeds up to 4,200 feet per minute (2,130 cm/sec).

Directional Control While Operating

The vertical discharge angle and lateral rotation can be changed remotely while the unit is in operation. No belt tension adjustments are required after changing the discharge angle. This means unattended pile building is possible. Precise directional control allows exact placement of chips and separation of species. Normal lateral rotation in either direction is 270 degrees and vertical discharge angle is adjustable to control distance of throw or to direct chips downward to keep finds from becoming airborne.

Low Maintenance

Precision manufacture and balance of all components allow high belt speed without vibration. Easy access for maintenance is provided by an

in-feet chute with removable sides and back panel, and an access door in the front panel for inspection or clearing of jammed oversize pieces. The whole unit is suspended on a wheeled trolley to allow it to be retracted to a service platform for easy access. This allows unscheduled maintenance to be performed without shutting down the system.

Rapid Belt Replacement

Rapid Belt Replacement Pulp mills and other chip handling installations require dependable and easily maintained equipment. This innovative system allows quick and easy belt replacement, minimizing operational disruptions and ensuring consistent productivity in pulp mills and chip handling installations. The design features a simplified belt replacement process, with a cantilevered belt frame made from tubular sections for rigidity and lighter weight. This setup enables easy belt removal and replacement from one side, and with the recommended hydraulic platform, one person can replace the belt in less than one hour.

OUR FLAGSHIP BRANDS

GUNDLACH CRUSHERS | JEFFREY RADER | Pennsylvania Crusher Since 1905 | ELGIN