



# Linear Screw Reclaimers

**MINIMIZED INVENTORY DEGRADATION AND A GREAT LOW-COST ALTERNATIVE TO STACKER RECLAIMER!**

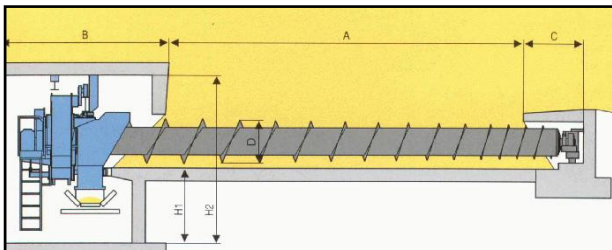
## Features

This mechanical reclaim device is used to store wood chips and biomass fuels for days, weeks or months prior to manufacturing process or combustion. Linear Screw Reclaimers can be installed in enclosed A-frame buildings or in an open pile, and have variable frequency drives with the discharge rate determined by the screw rotation.

We have two designs based on your operational needs:

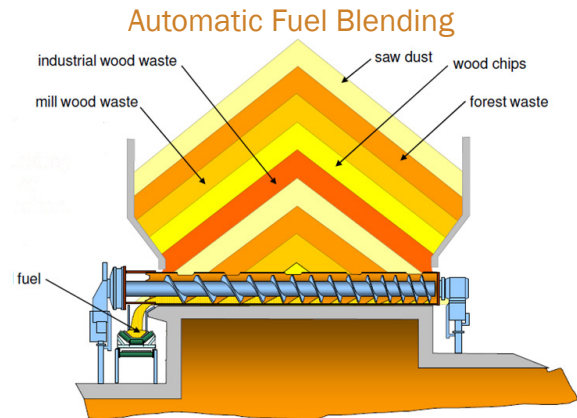
### TSG End Supported Design

- Captured at both ends to prevent “climbing” on material
- Suitable for exposure to mobile equipment in outdoor storage applications
- Lower concrete and installation costs



### TubeFeeder Reclaimer

- Precise blending of qualities
- Uniform feed of material along the entire length of the tube
- Reduced operational costs in energy and wear
- Self-contained thrust loading
- Material bridges over slots while not in operation
- Rotating tube creates a loose activated layer around the tube



## Advantages

The Jeffrey Rader Linear Screw Reclaimers are ideal for applications where larger storage widths aren't required and niche applications where the rugged end-supported screw design allows for the front-end loader access to the pile.

- Minimized inventory degradation due to underpile reclaiming
- Underpile reclaiming automatically blends materials
- Long-lasting screw assembly featuring chromium carbide or AR400 flights
- Can drive a front-end loader over the pile
- Reliable all-weather operation, material reclaimed from bottom of pile
- All parts requiring maintenance can be accessed from the machine tunnel without having to remove storage inventory
- Low maintenance costs due to equipment design and small number of moving parts
- Increased travel length and storage volume

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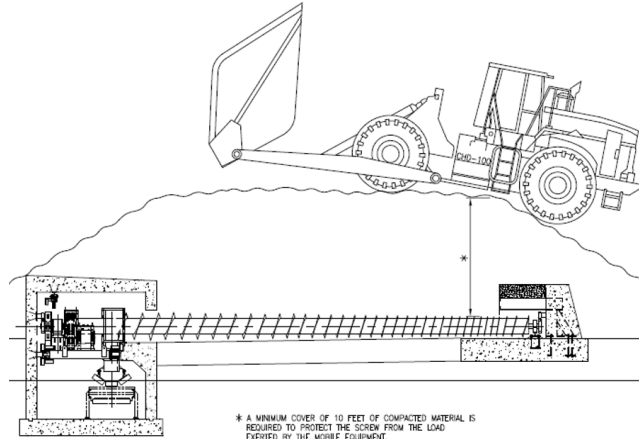
**JEFFREY RADER**

**Pennsylvania**  
Crusher

Call toll-free at 855-483-7721 or email [info@terrasource.com](mailto:info@terrasource.com) to find the sales representative nearest you.  
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## Application Limits

- Maximum in-pile width of a single TSR is 30 ft
- Double-wide TSR provides widths up to 75 ft
- Travel distance up to 250 ft per reclaimer
- Max material height is 65 ft (material dependent)
- Multiple layout configurations can provide storage volumes up to 2,000,000 ft<sup>3</sup>
- Reclaim up to 125 TPH per reclaimer



## Common Industry Applications

- **Pulp & paper mills** - Wood chip & bark
- **Biomass power plants** - Fuel storage & reclaim systems and day bins for biomass boilers
- **Wood pellet manufacturing** - Storage, reclaim and mixing of wood species for blended product
- **Forest products manufacturing** - Activated carbon, cellulose and other products
- **Food & agriculture** - Storage and reclaim of grains (corn gluten) and by-products



## Our Customers



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