



# PULP & PAPER

# RELIABLE

# RECLAIMING OF

# BULK MATERIALS

## CantiScrew TRAVELING SCREW RECLAIMER

The ANDRITZ CantiScrew traveling screw reclaimer offers a reliable means of reclaiming wood-based and other bulk materials, such as biomass, from a rectangular pile or enclosed storage building. The CantiScrew traveling screw reclaimer consists of a large cantilever

screw which travels back and forth under the pile. Material is reclaimed through the traveling carriage to a chute discharging on to the middle of the belt conveyor below. The design of the chute ensures plug-free operation and alleviates dusting or spillage by avoiding side loads

which can cause conveyor tracking problems. The screw is fabricated from a thick-walled conical pipe onto which tapered flights are welded. This design provides even reclaiming across the length of the screw, and ensures reliable first-in, first-out inventory management.

# ANDRITZ

ENGINEERED SUCCESS

# Reliable reclaiming under severe conditions

Thanks to a powerful travel drive, the CantiScrew traverses through difficult and non-uniform materials, even under severe conditions.

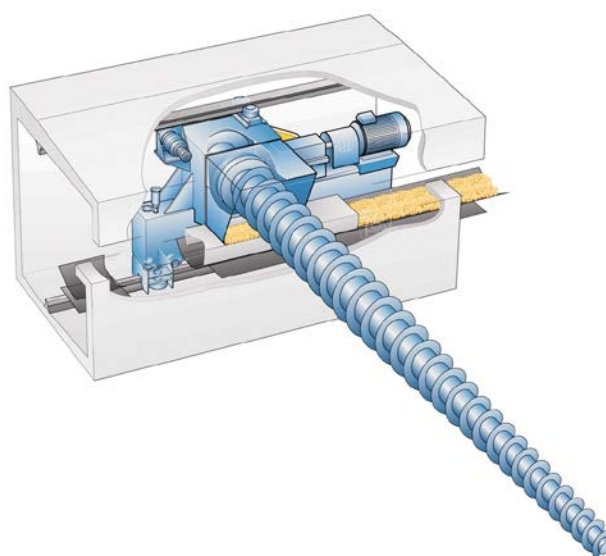
The travel speed adjusts automatically in relation to the degree of chip packing, increasing in loose material and decreasing to break up hard-packed material. The reclaim rate can be constant or variable by means of an optional variable speed screw drive. The screw drive is sized for a high starting torque to ensure reliable starting even under high piles.

## BENEFITS

- Rugged construction
- Reliable operation under severe conditions
- Uniform reclaim rates
- High availability
- Effective first-in, first-out inventory management

Type	Application	Max. cap. (m <sup>3</sup> /h)	Open length (m)	Max. pile height (m)
RCA60	Chips	1,200	13	30
	Bark	300	10	20

Values for biomass are approximately midway between chip and bark values, depending on its constituent material properties.



Cutaway view of the CantiScrew traveling screw reclaimer

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# ANDRITZ

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