



PULP & PAPER

RECLAIMING FROM RECTANGULAR SILO OR PILE

**ParaScrew TRAVELING
SCREW RECLAIMER**

ANDRITZ traveling screw reclaimer offers a reliable means of reclaiming wood-based and other bulk materials from a rectangular pile or silo. The ParaScrew is a traveling screw reclaimer consisting of a

rotating screw that runs back and forth on fixed, parallel rails under the stored material. Rack and pinions at both ends of the rotating screw ensure even, parallel tracking. The screw is fabricated of

a thick-walled cylindrical pipe onto which tapered flights with variable pitch are welded. The screw design provides even reclaiming across the length of the screw and ensures first-in, first-out inventory rotation.

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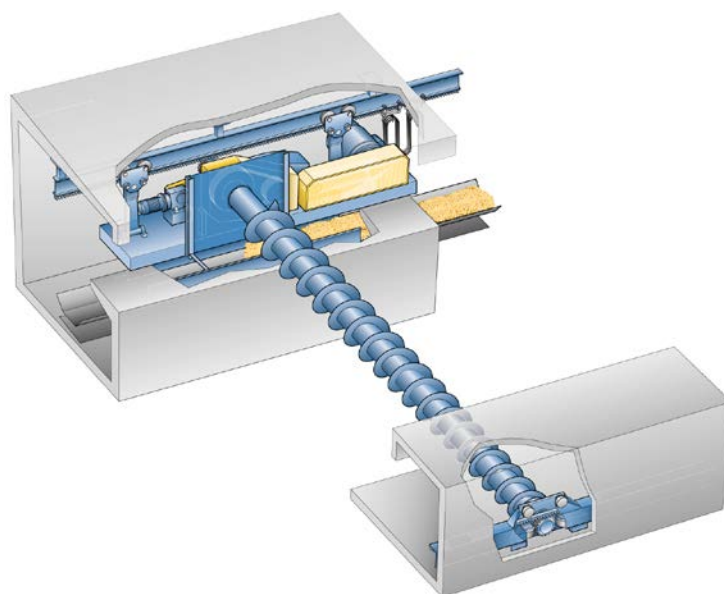
ENGINEERED SUCCESS

Powerful and rugged reclaimer for rectangular silos and piles

The first-in, first-out inventory rotation minimizes the age of the stored material and also helps homogenize the material with its mixing action. Thanks to the powerful travel drive, the ParaScrew traverses through difficult and varying material even under severe conditions.

The travel speed adjusts automatically in relation to the packed material: increasing in dry, loose material and decreasing to break up hard-packed, frozen, or lumpy material. The reclaim rate can be regulated by varying the rotation speed of the screw. The screw drive is sized for a high starting torque to ensure reliable starting even under high piles.

Type	Application	Max. cap. (m³/h)	Max. width (m)
RPA 10-08	Chips	840	8
	Bark	250	
RPA 11-10	Chips	1,000	10
	Bark	400	
RPA 11-12	Chips	1,000	12
	Bark	400	
RPA 50-15	Chips	1,400	15
RPA 50-18	Chips	1,400	18



Cutaway view of the ParaScrew traveling screw reclaimer

BENEFITS

- Efficient traversing through difficult material
- Rugged construction
- Uniform reclaim rates
- High availability
- Effective first-in, first-out inventory management

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