



PULP & PAPER

RECLAIMING FROM ROUND SILO OR STORAGE PILE

CenterScrew SLEWING
SCREW RECLAIMER

The ANDRITZ CenterScrew slewing screw reclaimer offers a reliable means of reclaiming chips, bark or biomass from a silo or storage pile. The reclaimer consists of a rotat-

ing screw which slews through the stored material around a central point. The material is reclaimed through a chute in the center of the device to a belt conveyor below.

The vertical design of the chute provides plug-free operation since it avoids side loads which can cause conveyor tracking problems.

ANDRITZ

ENGINEERED SUCCESS

Powerful and rugged reclaimer for round silos and piles

The screw consists of a thick-walled pipe onto which flights are welded. This design ensures even reclaiming across the length of the screw and reliable first-in, first-out inventory management. The double flights at the discharge end of the screw ensure even reclaim rates and prevent free flow into the chute.

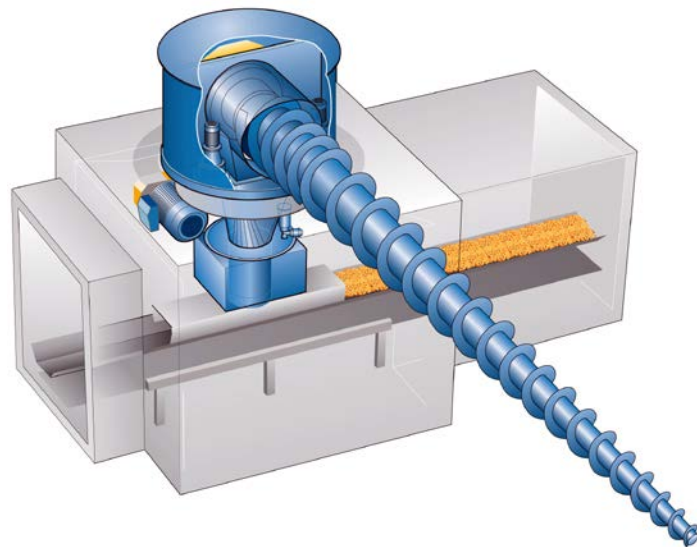
With its powerful and rugged design, the CenterScrew reclaims even difficult materials under severe conditions. The screw drive is sized for a high starting torque providing reliable starting even under large piles. All service points and drive components are easily accessible from the tunnel below. Erection and maintenance lifting points are provided on the structure.

BENEFITS

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

| Type | Application | Max. cap. (m³/h) | Silo dia. (m) | Max. height (m) | Max. vol. (m³) |
|-----------|-------------|---------------------|------------------|--------------------|-------------------|
| RCE 40 | Chips | 800 | 20 | 30 | 7,300 |
| | Bark | 250 | 15 | 15 | 1,770 |
| RCE 60 | Chips | 1,000 | 25 | 35 | 13,000 |
| | Bark | 300 | 20 | 18 | 3,500 |
| RCE 80 | Chips | 1,200 | 30 | 35 | 18,000 |
| | Bark | 300 | 25 | 20 | 5,000 |
| RCP 10-30 | Chips | 1,300 | 30 | 35 | 18,000 |
| | Bark | 350 | 30 | 20 | 7,000 |
| RCP 10-36 | Chips | 1,300 | 36 | 35 | 24,500 |
| RCP 10-42 | Chips | 800 | 42 | 35 | 31,000 |

CenterScrew slewing screw reclaimers are available in two types: type RCE with a conical cantilever screw, and type RCP 10 with a cylindrical screw supported at both ends.



CenterScrew RCE slewing screw reclaimer with conical cantilever screw

EUROPE

ANDRITZ Oy
Lahti, Finland
p: +358 20 450 5555

NORTH AMERICA

ANDRITZ Inc.
Alpharetta, GA, USA
p: +1 770 640 2500

SOUTH AMERICA

ANDRITZ Brasil Ltda.
Curitiba, Brazil
p: +55 41 2103 7611

ASIA

ANDRITZ (China) Ltd.
Foshan, China
p: +86 757 8296 9222

woodprocessing@andritz.com

ANDRITZ.COM

ANDRITZ

All data, information, statements, photographs and graphic illustrations in this leaflet are without any obligation and raise no liabilities to or form part of any sales contracts of ANDRITZ AG or any affiliates for equipment and/or systems referred to herein. © ANDRITZ AG 2019. All rights reserved. No part of this copyrighted work may be reproduced, modified or distributed in any form or by any means, or stored in any database or retrieval system, without the prior written permission of ANDRITZ AG or its affiliates. Any such unauthorized use for any purpose is a violation of the relevant copyright laws. ANDRITZ AG, Statterger Strasse 18, 8045 Graz, Austria. CenterScrew 1.1/092019 EN/A4

