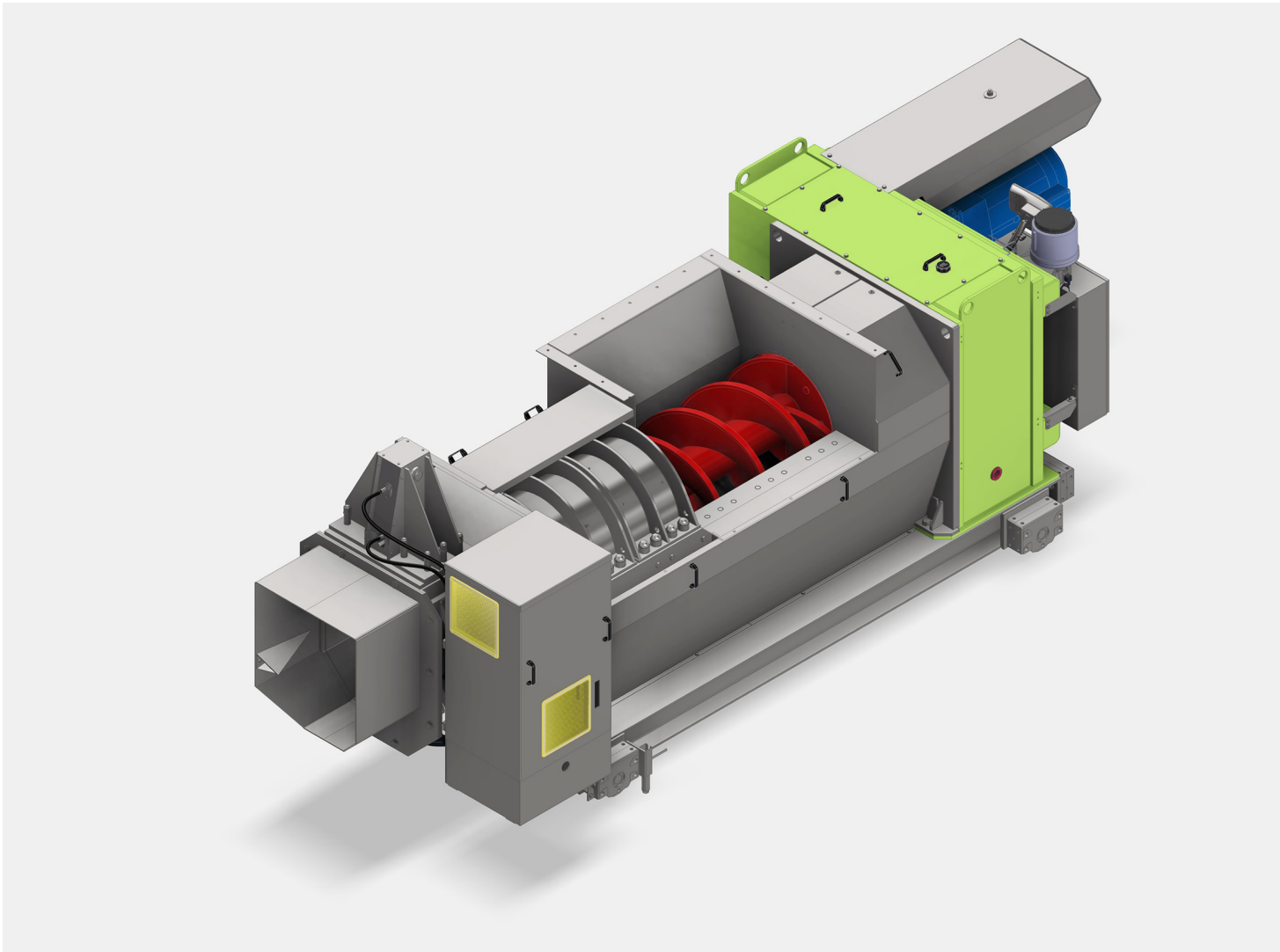


COMPAX R – Screw Compactor

High-Performance Lightweight Reject Dewatering Solution



COMPAX R – SCREW COMPACTOR

High-Performance Lightweight Reject Dewatering Solution

Technology

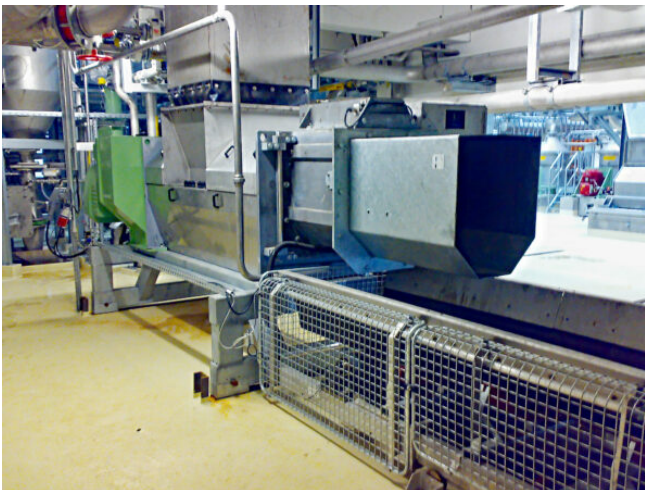
The Compax R is a sturdy high-performance screw press designed to dewater lightweight coarse rejects, reducing handling, transport and disposal costs for paper. Utilizing a slow-speed, high-torque screw, the reject gets first dewatered by means of gravity, and then pressed against the press nozzle flap. The high-pressure single flap hydraulic cylinder regulates the counter-pressure, maintaining dewatering and high dryness in all operating conditions. A high-performance fast micro controller optimizes operation with varying throughputs, by keeping constant torque and variable screw speed minimizing wear and low maintenance.

Features

- The fast micro controller adjusts screw speed, torque, and press flap angle for optimized dryness up to 70%.
- High throughput capacity up to 50 BDMT/day Sturdy SEW gearmotor ensures high torque and durable performance.
- Wear-resistant components with fast slide-in/out installation for minimal downtime.
- Designed for 24/7 operation with low maintenance and easy accessible components
- Refurbishment programs for screws, screens, and other wear parts, ensuring long-term sustainability.

Why to buy

- High return on investment through highest final discharge dryness
- Low OPEX due to efficient and reliable performance.
- Minimal downtime with fast and easy maintenance access through slide in / out.
- High availability for 24/7 operation, achieving up to 10,000 continuous hours.
- Sustainable design with refurbishable components
- Industry-leading performance with over 500 proven installations worldwide.



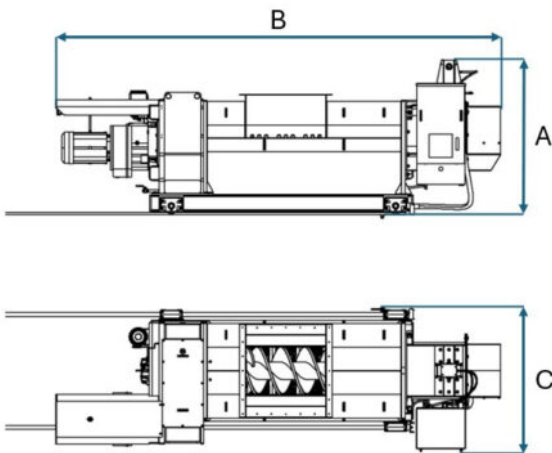
Typical & Proven Process

- Dewatering and Pressing Lightweight Reject from Pulping.
- Pressing “Pre- Treated” Lightweight Reject from Drum Pulper.
- Pressing Lightweight Reject from De-Trashing / Sorting Drum.
- Dewatering and Pressing Lightweight Reject from Hole Screening.

See the following Products as well

- COMPAX CFX 80R.
- COMPAX CFX- F 50, 60 for Fibrous Residual Material
- ECOMPAX ECX
- MBX- Belt Conveyors and MCS- Container Stations a.m.mm
- RSP Sludgeand Fiber Residual Screw Press RSP 1150,800, and 650
- Reject Pre-Dewatering with ELEPHANT Disk Thickener

Specifications



| | CFX 50R | CFX 60R |
|---------------------|-----------|---------|
| Screw diameter [mm] | 500 | 600 |
| Height (A) [mm] | 1680 | 1940 |
| Length (B) [mm] | 4690 | 5560 |
| Width (C) [mm] | 1730 | 1910 |
| Power [kW] | 22 | 30 |
| Dryness | Up to 70% | |



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