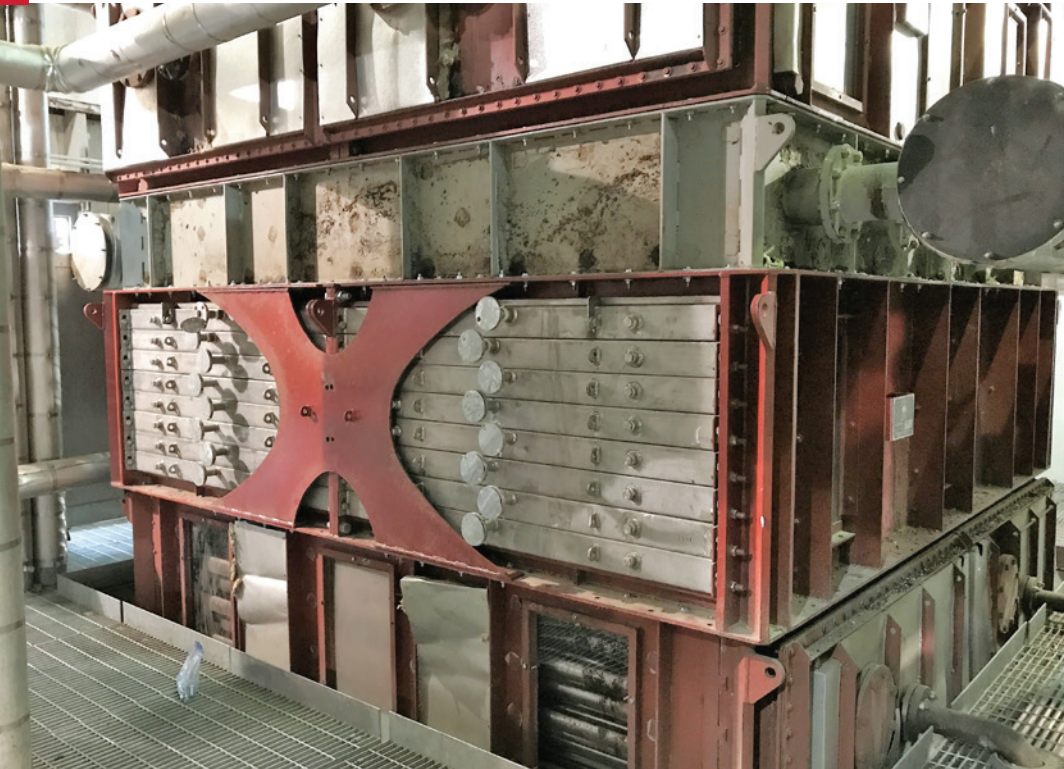


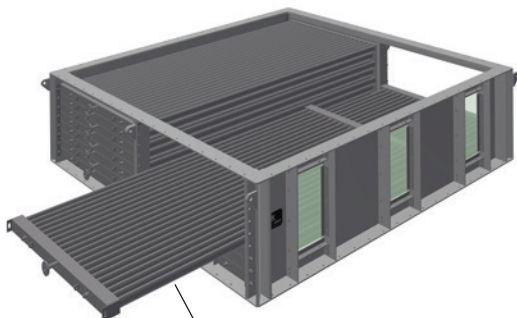
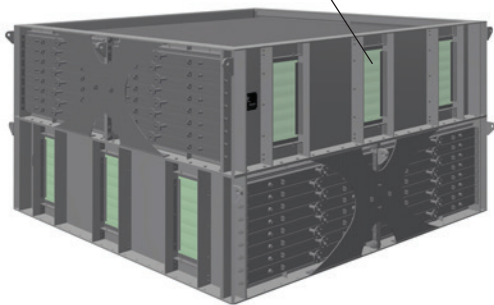


# Reduce Cleaning and Maintenance **Downtime and Costs**



## MODULAR VERTICAL SEED CONDITIONER HEATING SECTION™

Sight glasses facilitate troubleshooting.



Modules slide out for cleaning & less downtime.

### A CPM Crown Innovation Fueled by Customer Insight.

Introducing Crown's MODULAR VERTICAL SEED CONDITIONER HEATING SECTION, a component-based solution for heating sections of vertical seed conditioners. Developed in response to customer needs, this innovative design allows you to identify, isolate and mitigate issues with more operational flexibility, less downtime and reduced cost. Get ready to streamline your cleaning, maintenance and repairs without cutting, welding or major shut downs. Crown's MODULAR VSC Heating Section leads the way.

Significant **reduction**  
in disruptions.

### **Modular Vertical Seed Conditioner advantages:**

- Heating section has 16 removable tube modules, eliminating the need for unstacking
- Reduces costs for cleaning, repair and maintenance
- Bolted connections allow module replacement without cutting or welding in place, or in the plant environment
- Sight glasses facilitate troubleshooting inside the modular heating section
- Compromised tubes can be isolated with minimal heating surface loss
- Mitigate problems without major shutdowns, permits or cranes
- Proven in existing production environments
- Field tests validate quality level is unaffected
- Reduces downtime from days to hours
- Can be retrofitted into existing Crown VSCs
- Available in stainless steel and carbon steel
- Can be run at higher operating pressure (45 psi)

### **Proven efficiency with consistent quality.**

This latest innovation from Crown is currently running in a customer production environment yielding improved safety, increased efficiency, operational confidence and greater peace of mind. Field tests demonstrate consistent product quality and a significant reduction in disruptions—maintenance

shutdowns were shortened from days to hours with no welding permits required. Crown's Modular Vertical Seed Conditioner Heating Section can be retrofitted into existing Crown Vertical Seed Conditioners. For cold and conventional dehulling systems, the cleaning and maintenance efficiencies of Crown's Modular Vertical Seed Conditioner Heating Section are worth upgrading to Crown.

### **For game-changing innovation, partner with Crown.**

CPM Crown's Global Innovation Center is a facility unlike any other. A fully functional 15,000 sq. ft. pilot plant, analytical lab and training facility, the GIC offers piloting capabilities from benchtop lab scale to multiple tons per day of continuous production, simulating real life and enabling customers to develop and test new product concepts in a confidential, controlled environment. The GIC has capabilities in preparation, extraction, desolventizing, drying, deodorizing, refining, fat splitting, renewable diesel and specialty extraction (including Hemp CBD Oil). Crown's technical expertise, R&D and full lifecycle process provide guidance and support at every step from feasibility, trials and custom processing to commercial-sized operations and aftermarket.



Feeding, Fueling and Building **a Better World.**



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