

SUCCESS
STARTS
HERE



CROWN GLOBAL HEADQUARTERS AND INNOVATION CENTER



Fast forward to the future

Accelerate your competitive advantage with Crown's Innovation Center.

Meet your goals for product development, process improvements, speed to market, employee performance, and more with Crown's Innovation Center—unrivalled in delivering a full range of state-of-the-art pilot and training facilities.

Our 15,000 square foot, fully functional plant sets the standard for new innovations and safety, giving you access to real-world capabilities within a controlled, confidential environment. Our classroom and hands-on training empower your workforce to operate and maintain equipment skillfully and safely. And, at every step, you benefit from the process engineering ingenuity and equipment know-how of Crown's engineers and Piloting and R&D teams.

The only facility of its kind in North America, Crown's Innovation Center is a global, best-in-class resource for preparation, extraction, refining, biodiesel, renewable diesel pretreatment, oleochemical and specialty extraction (including Hemp CBD Oil) customers around the world.

Bring your ideas, challenges and staff to Crown's Innovation Center. As your trusted, problem-solving partner, we offer the right environment, expertise and technologies to save you time and money.

Are you ready to rule your market?



Innovate

Develop and test
new product concepts

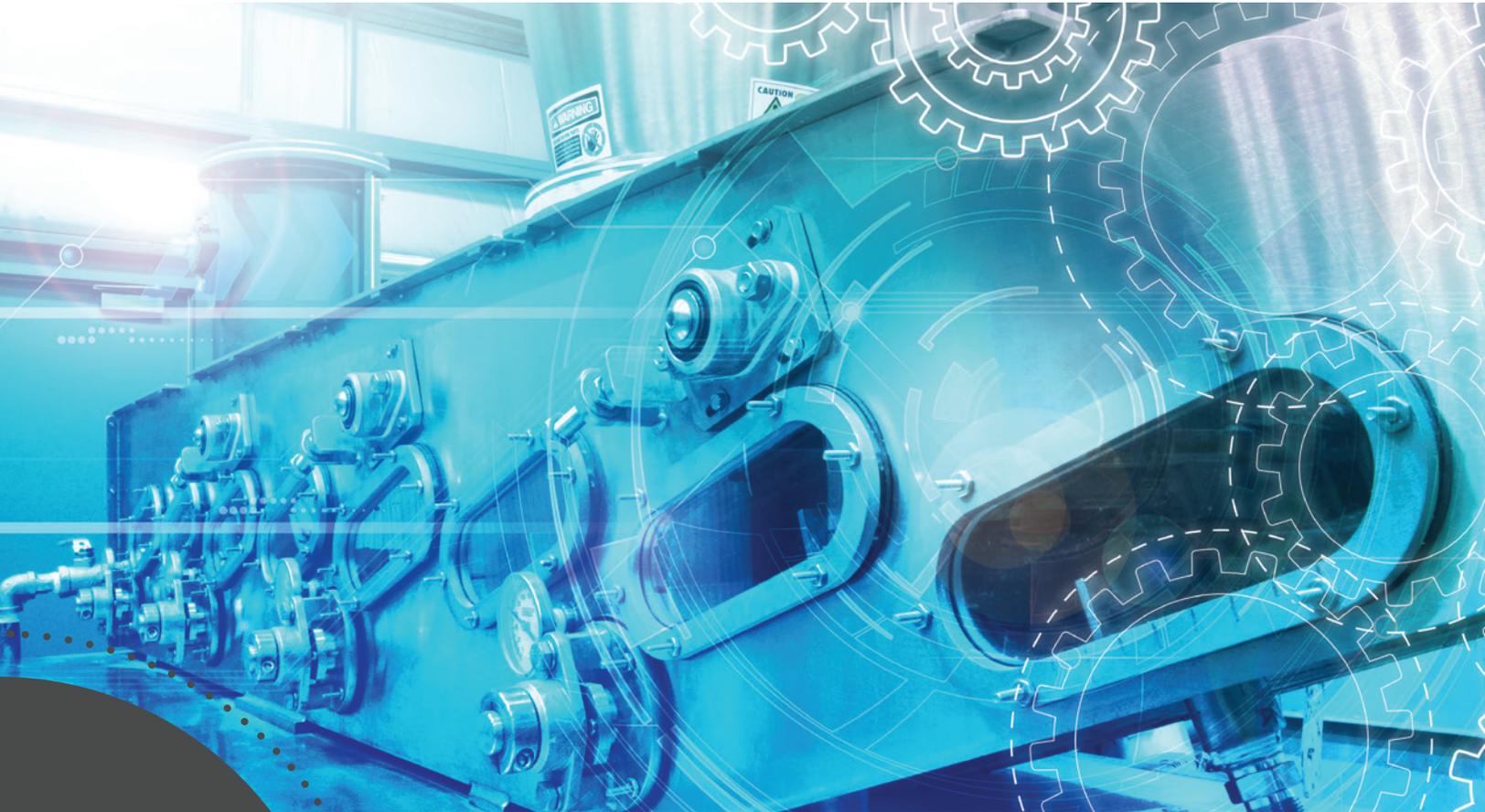
Educate

Increase your
workforce capability

INNOVATE

Develop and test new product concepts

Our fully functional plant with preparation, extraction, refining, biofuel, and oleochemical equipment, connected to a comprehensive data collection system, offers piloting capabilities from benchtop lab scale to multiple tons per day of production.



Optimize

Improve processes and speed to market

Collaborate

Work shoulder-to-shoulder with Crown experts

Proprietary Process Development –

Engineer unique, better processes

Proof of Concept –

Explore new products, new feedstocks and improve go/no-go decisions

Rapid Prototyping –

Full scale modeling capabilities utilizing 3D printing saves time and money

Analytical Testing –

Capabilities for every step of the process

Highly Instrumented –

Collect and act on insights from PLC & Data Historian

Full R&D and Skunkworks –

Develop disruptive industry solutions

Scalability –

Go from benchtop to commercialization with confidence

OPTIMIZE

Improve processes and speed to market

Reduce downtime, increase efficiencies, accelerate speed to market, and much more at Crown's Innovation Center. We offer comprehensive optimization solutions from testing and analysis to process and technology development. Our fully equipped pilot plant and process engineering experts help you identify new ways to operate faster and better.

Proprietary Process Development –

Engineer unique, better processes

Troubleshooting Existing Equipment –

Identify and resolve issues

Continuous Improvements –

Integrate operational advancements

Operating Cost Estimates –

Increase accuracy of forecasting

Process Guarantees –

Realize greater control

Analytical Testing and Support –

Understand and adjust processes and products

Small Scale Toll Processing –

Bring products to market faster

EFFICIENCY

EDUCATE

Increase your workforce capability

Boost productivity, processing capabilities, equipment longevity, and plant safety by building and expanding the knowledge and skills of your employees with classroom and hands-on education in real-world environments. Taught by Crown's engineering experts, our training covers mission-critical topics such as maintenance, start-up, shutdown, purging, and normal operations.

Equipment Training –

Experience Crown equipment in controlled learning environments

Process Training –

Optimize processes for increased efficiency and lower costs



TYPES OF TRAINING

GENERAL PROCESS & MAINTENANCE TRAINING

- **Hands-on Process Training in Fully Functioning Pilot Plant** – Increase operational knowledge in a low-risk, real-world simulation
- **Skid Mounted Machinery & Components** – Hands-on mobile experience with Crown's equipment

UTILITIES TRAINING

- **Steam/Condensate** – Learn to improve maintenance, energy efficiency, and plant safety in a controlled setting
- **Electrical** – Ensure safe handling and usage of energy systems
- **Vacuum Systems**
- **Chilling**
- **Cooling Tower and Air Compressors**

COLLABORATE

Work shoulder-to-shoulder with Crown experts

Tap into the creativity, curiosity and product life cycle expertise of Crown's entrepreneurial engineers. Our experts not only design and engineer equipment, they possess the deep process knowledge required to drive your operation forward.

Trusted Advisor –

Leverage our expertise and know-how

Problem-solving Partner –

We solve challenges and create opportunities

Hands-on Demonstration Area –

Learn from experts with interactive education

Hands-on Process Training in Fully Functioning Pilot Plant –

Practice skills in a low-risk, real-world environment

Skid Mounted Machinery & Components –

Hands-on mobile experience with Crown's equipment





PRODUCT LIFE CYCLE

Engineered to perform

Crown delivers innovation, superior equipment and process engineering expertise across the full manufacturing spectrum. Crown's Innovation Center fortifies our steadfast commitment to developing advancements, optimizations, and efficiencies for customers at every stage of the product life cycle.

SEGMENTS WE SERVE

Crush –

Preparation and Extraction

- Full range of preparation equipment with current capacity of 6 MTPD*
- Percolation and immersion extraction systems with current capacity of 3 MTPD* (6 MTPD* by 9/20)

Liquids –

Refining, Biodiesel, Renewable Diesel, Oleochemical

- Complete range of liquids processing equipment with capacity of 3.8 liters per minute (available 9/21)

Specialty –

Hemp CBD Oil, Protein Concentrates, Botanicals, Waste Streams

Aftermarket Parts & Field Services –

Problem-solving expertise, superior parts, on-site support

**Capacities defined as input of standard oilseeds & oils*



Don't wait. **Innovate** with Crown.

20% of revenue comes from products invented in the last year.

Make new product investments with confidence. Identify and implement powerful optimization strategies. Sleep easier knowing your workforce is trained and ready for anything. Crown's Innovation Center is your time and money saving resource for operational excellence and new product and process development.

As the world's leading oilseed extraction company with over 70 years of experience, including 30 years of developing specialty applications such as botanical extraction, pharmaceuticals and specialty chemicals, Crown is engineered to solve your biggest challenges and engineered to serve your desire to win.

Don't go it alone. Put Crown's Innovation Center to work for you.



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A CPM COMPANY

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