

# SUSTAINABLE SOLUTIONS

Designing for **Sustainability**





# Sustainable Solutions

Environmental concerns are a key issue of our time and Mott is committed to making a positive difference. Our approach is built upon a foundation of Practices, Production, and Products. We're focusing on corporate environmental responsibility while enhancing product quality with modern efficient manufacturing.



## Practices

- Products tested to SEFA performance standards for safety, durability and structural integrity
- ISO 9001:2015 Quality Management System: the standards we set, serve as benchmarks for quality and efficiency
- NEPCon certified to FSC Chain-of-Custody standards
- AWI Quality Certification Program (QCP) Premium certified
- U.S. Green Building Council Member
- LEED accredited associates on staff
- Supporters of I2SL's efforts to develop environmentally safe and sustainable labs



## Production

- Continually investing in our modern manufacturing facility
- Implemented integrated flexible manufacturing equipment to minimize scrap
- Incorporating lean manufacturing processes to maximize value and minimize waste
- Establishing and tracking environmental improvement goals and minimizing waste sent to landfills
- In-house water treatment facility meets stringent government requirements to protect local water ways
- Powder coat paint reclamation for painted steel products
- Our steel factory is located in Ontario, Canada and in 2018, more than 93 percent of electricity generated in Ontario came from non-greenhouse gas emitting\* resources (nuclear, hydro, wind and solar). Source: The Independent Electricity System Operator (IESO)

## Fume Hoods

We design and engineer energy efficient, low volume fume hoods that result in considerable energy cost reduction and ensure operator safety

- Use steel with a minimum of 84% or greater recycled content
- Automatic Sash Operating system that lowers the sash automatically which enhances safety and dramatically increases the efficiency of VAV systems
- We ensure the safety of our hoods by designing them to meet UL 1805 standards and test in accordance with ASHRAE 110 standards
- Optional cross-linked polyethylene insulation internal wiring to avoid the use of PVC wiring



## Energy Efficient Lighting Solutions

- All our fume hood lights, shelf task lights, and lights in our overhead service carriers are LED





# Steel Casework & Flexible Furniture Systems

- Offer various systems solutions that maximize mobility and adaptability creating a user friendly, long life cycle laboratory
- Using steel with a minimum of 84% or greater recycled content
- Stainless steel is 100% recyclable and has value even after a very long life
- Optional cross-linked polyethylene insulation internal wiring to avoid the use of PVC wiring
- Optional ENVIRO-WIRE and nylon with thermos plastic molded plug ends external cords (a recyclable alternative) to avoid the use of PVC
- Door and drawer fronts contain GREENGUARD certified sound deadener



## Steel Finish

- Our eco premium powder coatings are SMaRT certified and can contribute to LEED points
- Contain no volatile organic compounds (VOCs)
- Contain no toxic heavy metals such as lead or chromium (VI)
- Almost no waste, as over spray can be reused
- Offer durable protection, reducing the need for replacement products or coatings
- Our supplier's carbon footprint has been recognized as among the lowest in the coatings industry



# Wood Products

- Provide FSC certified wood that is supplied by responsibly managed forests
- Offer no added urea formaldehyde (NAUF) panel products and are California Air Resources Board (CARB2) compliant
- Optional reconstituted natural wood veneers available to maximize the recycled construction of materials
- Optional choice of rapidly renewable wood alternatives
- Our UV flat line finishing system meets SEFA 8 standards, emits zero volatile organic compounds (VOCs) using solvent-free UV coatings



# Phenolic Resin Products

- Compact Interior Plus and Max Resistance<sup>2</sup> contain up to 100% post-consumer recycled fibers
- FSC certified
- GREENGUARD Gold Certified
- Low VOC emissions
- No urea-formaldehyde resins are added
- Meets SEFA 3 standards
- Environmental Product Declaration on phenolic resin material
- Does not contain perfluoroalkyl and polyfluoroalkyl substances (PFAS) and perfluorooctanoic acid (PFOS)
- REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) compliant





Products **designed** for your lab.  
Explore our **solutions**.

[\*\*www.mott.ca\*\*](http://www.mott.ca)