



## Consumer Products Industry Products, Services, and Solutions



Whether you're making FMCG or durable goods, there's more pressure than ever on manufacturers in the consumer product industry to be as efficient as possible while still maintaining enough flexibility to pivot operations when tastes change. With the added challenge of labor shortages, you need help now make sure your facility is running efficiently without sacrificing the quality of your products. Cross has worked with some of the biggest names in the consumer products industry to help them improve their manufacturing process, raise the quality of their product, and meet customer demands.

### Providing Tangible Value

- **Improve Efficiency:** Increase throughput and free up manual labor with a precisely tailored automation solution for your application.
- **Increase Quality:** By automating, Cross gives you the confidence that processes are carried out the same way every single time.
- **Improve Efficiency:** Measurement data, whether from calibration, testing or inspection ensures you have the information to optimize your process.
- **Increase Quality:** With properly calibrated measurement tools, you'll be sure that your measurements are accurate and repeatable.
- **Reduce Risk:** By automating dull, dirty, and dangerous jobs in your facility, you can significantly reduce the risk of on-the-job injuries while improving employee morale and retention.



## Products:

- Batch control
- Flow measurement
- Level measurement
- Process Instrumentation
- Process valve automation
- UL508A control panel design & integration
- Vessel weighing
- Checkweighers and counting scales
- Industrial floor scales
- Precision balances
- Dimensional measurement equipment
- Torque Equipment
- Motion control
- Robotics
- End of arm tooling and end effectors
- Servo and stepper motors
- Industrial & hydraulic hose
- Hose fittings and connectors
- Hydraulic and moldmate couplings
- Pusk-lok air hoses and hose barbs
- Plastic pellet transfer hose
- High temperature exhaust and fume ventilation hose
- Stainless steel and bridge clamps
- Transair aluminum piping

## Services:

- Equipment start-up and commissioning
- Flow meter start-up and commissioning
- Control engineering service contracts
- Process troubleshooting
- ISO 17025 accredited calibration services
- Measurement equipment repair and maintenance
- First article inspection
- Incoming parts inspection
- Quality sorting services
- Ingress protection testing
- Lifecycle, reliability and durability testing
- Environmental testing
- Vibration and transportation testing
- Sun simulation
- Electrical testing
- Safety services and risk assessments
- Custom automation solutions and sub-assemblies
- Application engineering and bill of materials generation assistance
- Pre-loaded PLCs and drives
- Obsolescence and retrofit assistance

## Solutions:

- Control system integration
- Control system upgrades
- Legacy system migration
- Automated batching systems
- Robotic machine tending
- Robotic palletizing
- Robot-assisted inspection
- Custom fixturing