PROVIDING PACKAGING AUTOMATION AND INSPECTION SOLUTIONS SINCE 1989

REDUCE RISK, IMPROVE PREDICTABILITY WITH PROVEN BOTTOM LINE RESULTS

PROUD SUPPORTER OF VARIOUS COMMUNITY PROGRAMS.

WWW.MDPACKAGING.COM
Established in 1989, MD Packaging has become one of Canada’s foremost distributors of product inspection and packaging automation solutions for the manufacturing sectors in the food, beverage, pharmaceutical, consumer goods, industrial and cannabis industries. We are industry experts when it comes to Product Inspection, Primary/Secondary Automation and End of Line Packaging.

PRODUCT INSPECTION

Our product inspection systems provide you with the performance and service you need to improve the quality and safety of your products, help you eliminate errors and ensure the integrity of your brand.

**NEXTGUARD CONVEYOR X-RAY DETECTION SYSTEM**
Transition easily and quickly from metal detection to x-ray inspection with the versatile Thermo Scientific™ NextGuard™ Conveyor X-ray Detection System. The NextGuard system offers enhanced capabilities to inspect packaged products for missing pieces or components, under and over-fills, and other quality problems with easily customizable vision software.

**VERSA RX CHECKWEIGHTER**
Meet the high performance standards of the pharmaceutical industry with the Thermo Scientific™ Versa RxV Marking and Verification Pharmaceutical Checkweigher for track and trace applications and the Versa Rx Pharmaceutical Checkweigher.

**SENTINEL MULTISCAN METAL DETECTOR**
Overcome the limitations of fixed single or dual frequency metal detectors with the Thermo Scientific Sentinel Multiscan Metal Detector. By scanning up to five user-selectable frequencies running at a time, the Sentinel provides unmatched sensitivity and the highest probability of finding ferrous, non-ferrous and stainless steel metal contaminants in challenging applications such as dairy, meat, poultry, bread and other applications with high product effect.

**BENCH SCALES**
For mobility and convenience, bench scales offer ideal features that are adaptable to a wide range of applications. Rice Lake’s diverse bench scale selection offers a product for almost any conceivable capacity or requirement.

**SHERLOCK OBSERVER**
A highly innovative technology enables monitoring of food according to its chemical structure. Based on near infrared spectroscopy, Sherlock Observer is capable of permanently controlling food processes. The spectral data allows the measurement of chemical structure of the objects and to visualize it in colours.
MD Packaging represents a number of industry leading vendors in the field of Primary Automation. Partners such as Colimatic, Enercon, TMI and Inline Filling Systems.

**COLIMATIC THERA 650 FORM FILL SEAL PACKAGING MACHINE**
The stainless steel modular horizontal automated packaging machine THERA 650/650 FV, will efficiently and cost-effectively fulfill your packaging production needs. Employing cutting-edge innovative features in the thermoforming packaging industry, THERA 650 is most suitable for large production in a variety of aspects such as hygiene, package size, capacity, and is used in both rigid, semi-rigid and flexible packaging applications.

**COLIMATIC TDF 1650 TRAY SEALER**
High performance, automatic, tray sealing machine for modified atmosphere packaging products in a wide variety of plastic, cardboard and aluminum foil pre-formed trays. Equipped with top reel for heat-sealable film or reclosing lid applicator that eliminate leakage and allows excellent product presentation. Extending shelf life for fresh products and used in many applications for refrigerated and frozen products. The TDF 1650 tray sealer is designed for high production needs and to be integrated with inline process automation solutions.

**COLIMATIC LG110 VACUUM CHAMBER MACHINE**
LG 110N, LG 110NC & Logi 2000 N are Colimatic industrial vacuum chamber machines that can efficiently seal a variety of products from food and medical to industrial and consumer’s products. By removing the air they decrease oxygen levels from the bag and therefore can increase your product shelf life for most food products. Using sensors that are activated once the lid is closed, the sealer begins the sealing process by removing all air from the sealing chamber. The amount of air and vacuum level inside the bag is set by the user. The entire process will take approximately 20 seconds depending on product size and texture.

**SUPER SEAL JR INDUCTION SEALER**
Enercon’s Super Seal Jr offers an unprecedented combination of sealing capability, portability and production flexibility. This compact design is only 3’ x 8.25’ x 10.5”. It seals everything from the smallest closures to 120 mm wide-mouth containers.

**SUPER SEAL MAX INDUCTION SEALER**
Enercon Super Seal Max is for packagers with the most demanding applications. This innovative system offers production speeds never before possible with air-cooled systems. It reliably seals containers at production speeds in excess of 300 feet per minute.

**ILERBAG**
Automatic FFS (Form-Fill- Seal) rollstock bagging systems. Maximum reliability and absolute control over the bag during its forming, filling and closing processes. Form-Fill-Seal solutions best suited for customers looking for savings in packaging costs.

**ILERSAC**
Automatic open mouth and valve bagging solution. Full automation of the bagging process from start to finish. May include completely integrated bag closing and labeling systems.

**COMBINATION WEIGHERS & COUNTING SYSTEMS**
Combination Weighers and Counters are perfect for a wide array of high accuracy and high-speed weighing and counting applications. They are easy to operate, clean and maintain. Their systems will weigh/count your product and fill your containers with speeds up to 30-40 per minute and accuracies to a fraction of a gram. We are technology leaders in performance and reliability.

**OVERFLOW FILLING SYSTEMS**
The most widely used filling machine in bottle filling operations because it handles a wide range of liquids at a modicum of cost. Ease of cleaning, ease of setup & expandable output makes this machine a favourite of growing companies.
SECONDARY AUTOMATION

Trust MD Packaging for all your case forming, sealing, packing, marking, labeling, returnable plastic crates (RPC), tray forming, bag inserter, bag uncuffer and bliss former requirements! We partner with the best in the industry!

### BI18 BAG INSERTER
Pearson BI18 Bag Inserters open, insert and cuff plastic bags from roll stock into a wide variety of corrugated cases at speeds up to 18 cases per minute. Advanced design features guarantee smooth and precise bag placement and handling.

### UC15 BAG UNCUFFER
Pearson's UC15 Bag Uncuffer is a versatile machine designed to uncuff, fold and close poly bag liners in corrugated cases at rates of up to 15 cases per minute.

### BF25 BLISS FORMER
Fully automatic and ruggedly built to withstand the rigors of high volume operations, the Pearson BF25 family of Bliss Formers produces high stacking strength, corrugated shipping and display containers with an H-Divider securely glued to a Bliss Body Wrap. Optional high-capacity Automatic Stack Transfer Systems, and a high-capacity Adhesive Feeder are available for high-speed operations.

### CE25 CASE ERECTOR
The Pearson CE25 family of Case Erectors operates at speeds up to 25 cases per minute. All CE25 models feature an ergonomically friendly, powered, horizontal case magazine. With a vertical case presentation and compact footprint, the CE25 is ideal for limited floor space applications.

### CS25 CASE SEALER
Pearson’s CS25 Case Sealers are compact and fully-guarded. The CS25 top seals a wide-range of case sizes with either pressure sensitive tape or hot melt adhesive at speeds of 25 to 42 cases per minute depending on case length.

### F16 CASE FORMER
Blue Water Automation’s F16 Case Former is compact in size and will automatically index in a case blank, confirm case integrity, positively fold all four bottom flaps and seal with pressure sensitive tape at rates up to 16 cases per minute. They are not only suitable for wet environments but more importantly, were designed from the ground up to meet strict specifications.

### C16 CASE SEALER
Blue Water Automation’s C16 Case Sealer will automatically index in a loaded case, positively fold all four top flaps and seal with pressure sensitive tape at rates up to 16 cases per minute.

### ROBOTIC TOP LOADERS
All Pearson robotic top load solutions are fully-customizable to meet customer specifications. Using a variety of technologies including articulated arm and delta robots, along with custom end-of-arm tooling, Pearson Packaging Systems can accommodate a wide range of product styles, pack patterns, case styles, speeds, etc. in addition to meeting retail-ready requirements.
**RPC12-25GS**
Cleverly designed to be the most economical and user-friendly crate erector available, it runs faster and uses less electricity than a kitchen toaster. Oryx Crate Erectors have handled over 130 million returnable plastic crates (RPCs) to date, minimising labour costs for both small and large operations globally. The GS model is capable of running a range of RPCs at up to 25 crates per minute. It is available with various options on the infeed and outfeed to marry seamlessly and integrate with existing packing lines.

**Q-1500 TRAY FORMER**
- The Q-1500 can be adapted easily and quickly to various tray design formats of corrugated board.
- The machine has 6 speeds and a production between 1,000 and 1,500 trays per hour.
- The Q-1500 is a compact machine and loading of blanks is done automatically from the feeding system.

**BAG CASE PACKING SYSTEMS**
Flexicell’s bag and pouch case packing systems are efficient, flexible, and reliable. How it works: often the product is first settled with vibration before a vision-guided robot puts it in a case. The robot uses a vacuum-powered or mechanical gripper to gently pick-and-place bags from a conveyor to a box. Flexicell design and build the end of arm tooling to minimize or even eliminate breakage during the movement of product.

**CASE PACKERS FOR HORIZONTAL BAG PACK**
Emerald’s Dash Series of case packers offers a “DP” (Drop Packer) model for bags in a flat or horizontal orientation. The Dash DPL (Drop Packer Large) is available for larger bags. They also have a vertical bag pack for bags that are cased in a vertical orientation. There are several models of the Dash Series to fit your specific needs and application.

**UNO – THE ½” ALL-IN-ONE PRINT SOLUTION**
The 1/2” .UNO packaging printer’s all-in-one print head and screen give you a simple, yet incredibly powerful way to print up to 1/2” of print with the minimum of effort. This packaging printer system, comprises of a 7” screen and attached print head allowing you to be up and running within minutes. Using inc.jet’s proven and highly reliable print solutions based on Hewlett-Packard technology, the .UNO packaging printer is the ideal product for serialization, barcodes and human-readable printing in all packaging applications.

**TOTAL – PACKAGING INTEGRATION SOLUTIONS**
TOTAL is the ideal industrial marking system for installations where flexibility and customization are required to meet the customer’s printing requirements. Individual components can be gathered together to make an industrial marking system that can print in any direction, integrate into external systems and give you the ability to print exactly what you need, every time. All .TOTAL industrial printing and marking systems are simple to integrate into existing packaging lines and equipment. With industry-standard mounting configurations and a design that takes up less room, it is a smarter alternative to bulky print systems.

**CORE – COST EFFECTIVE CASE LOADING**
The .CORE integrated heads are the essence of what makes inc.jet’s industrial printing solutions so successful—rugged design, solid connections to external elements and the finest print heads in the industry, all provided in a commercial off-the-shelf system. inc.jet’s Integrated heads are enclosed in an industrialized stainless steel casing for maximum protection. Up to four print heads can be accommodated within to give a 2” print swath. Seamlessly included in this rugged housing is a print controller and a bulk ink system.
**END OF LINE AUTOMATION**

MD Packaging are experts in end of line automation! Whether you are looking for case, bag, pail or bundle palletizing – we have a system for you! When it comes to stretch wrap systems – we have a solution for every budget.

**CASE PALLETIZING SYSTEMS**

For almost two decades, Flexicell has been building case palletizers for all case styles including RSC, HSC, Bliss boxes, and trays. Robotic case and carton palletizers are used to lift cases or cartons from production lines and place or stack them perfectly onto a pallet for shipping, moving or storing. A complete load can be stacked in a number of configurations, such as column-stacked, interlocked or pin-wheel configurations.

Flexicell designs your system around a central robot, selecting the correct robot to best match your application. Combining Flexicell’s end-of-arm tool technology and the inherent flexibility of a multi-axis robot allows complex palletizing routines to be completed without the need for multiple handling operations. Flexicell will also integrate your case palletizer with other equipment such as conveyors, case erectors, case packers, and automatic guided vehicles to create a complete end-of-line solution.
Highlight's Fantom Robot gives you the freedom to wrap loads anywhere in your facility without sacrificing consistency and film savings. The semi-automatic controls make wrapping varying sized loads simple and easy. The Fantom Robot’s mobile design allows it to be brought to unstable loads, preventing the need to move them unwrapped. The self-propelled load tracking design means that products of any weight, length, or width can be wrapped simply.

FANTOM ROBOT – MOBILE STRETCH WRAPPING SYSTEMS

Highlight Industry’s Synergy 5 Automatic is the industry standard for conveyorized turntable stretch wrap systems! Infinitely adjustable Dual Power Hydro-Stretch allows ultimate stretch film control with maximum load security. State-of-the-art touch screen controls provide reliable operation and versatility through ten user-programmable wrap “recipes”, as well as diagnostic indicators for troubleshooting.

SYNERGY 5 – TURNTABLE STRETCH WRAPPING SYSTEMS

Predator SS is the affordable solution to stretch wrap your load without stretching your budget. The Predator SS is loaded with features, including top and bottom counters, photo eye and two (2) wrapping modes.

PAIL PALLETTIZING SYSTEMS

Flexicell’s pail and drum palletizing systems are designed with flexibility and productivity in mind. The palletizer can easily be adjusted to handle a variety of container sizes, styles and palletizing patterns. The robustness of design, working in harmony with the accuracy of the heavy-duty robot, means this palletizer can handle anything from a one-pint pail to a 45-gallon drum. Select the right application from the pre-programmed HMI and the system will do the rest.

PAIL PALLETTIZING SYSTEMS

Flexicell’s bag palletizing systems are built for repetitive heavy lifting at a fast rate. Typically a roller conveyor brings the bags to the palletizing cell, where a robot will lift a bag or group of bags onto the pallet. For dusty environments, the robot is fitted with a dust jacket. The end of arm tooling is usually a mechanical gripper with fingers or jaws to gently lift the bag and prevent ripping. Slip or tier sheets are used to steady the product on the pallet and are often applied by the same robot.

BAG PALLETTIZING SYSTEMS

We work with specialized groups who provide Industrial Contracting services and systems integration work to customers in Canada and the United States. Services include plant decommissioning and relocation, installation of silos and tanks, the manufacturing of mezzanines, integration of packaging machinery, design and fabrication of electrical and control panels, bakery equipment, mixers, baking ovens, vertical form-fill seal equipment, overwrap machines, metal detectors, cartoners, check-weighing, case packers, tray packers, shrink bundlers and conveyor systems to name a few.
Our consumables division of MD Packaging consists of Shurtape, H.B. Fuller, Sigma Stretch Film, inc.jet and Detectamet. We partnered with leaders in the industry to help reduce downtime and increase plantwide OEE. Consumables were a natural fit for us – we already provide the equipment, service and parts - and now the consumables. We truly are your one-stop shop! Our goal is to improve your bottom line and production efficiency by providing you with a consumable product that has been constantly assessed/engineered and field tested with years of line experience.

Shurtape is a product we rely on and recommend to our customers to be used both in conjunction with case formers and sealers, but also as standalone(drop in upgrades to existing packaging lines. MD Packaging combines Shurtape HP Series packing tape with a Primeloc tape applicator for better carton seals and packaging line efficiency. Our inclusive service and support programs mean less downtime and a new proactive approach to increasing OEE.

H.B. Fuller offers leading edge, trouble-free adhesive technologies that form and seal cases, cartons and trays with better bonding using less adhesive. Their product line has the breadth and depth to handle nearly every conceivable substrate, machine and line speed. Protect your brand by using H.B. Fuller’s robust line of packaging adhesives that can improve the quality, safety and efficiency of your packaging operation and provides the best overall value.

Sigma Stretch Film is the industry leader for stretch film – hand, machine and specialty films. The Sigma Classic blown hand film is the best selling, general purpose hand film. This versatile film’s unparalleled puncture and tear resistance make it easy to use and reduces film breaks. Their machine film performs at its peak on high speed equipment. It is engineered to stretch up to 300% due to an easy unwind which makes it ideal for high speed, high pre-stretch equipment.

Detectamet designs, manufacturers and distributes detectable plastic tools and equipment. These can be identified by metal and X-ray inspection machines installed on food processing lines. If the tools or equipment fall into the food processing equipment, it is possible for the resulting pieces to be discovered and the contaminated food is then rejected before dispatch.

We sell porous and non-porous ink for coding systems.

Detectabile CONTAMINANTS INCLUDE:

- Metal
- Plastic
- Stone
- Product mass
- Glass
- Rubber
- Bone
UNRIVALED SERVICE DEPARTMENT!

In addition to being a distributor of product inspection and packaging automation solutions, we also offer many other services!

SERVICE
We have factory trained technical managers from coast to coast. In addition to servicing equipment we sell, we also service competitive equipment.

- CALIBRATIONS
  We have been performing dynamic scale calibrations since 1989.

- PARTS
  We have an extensive inventory of spare parts and can source ANY part you need!

- PREVENTATIVE MAINTENANCE
  We offer extensive PM programs with optional inclusion of wear/tear parts.

- CERTIFICATIONS
  We offer metal detection, x-ray and checkweigher certifications.

- RENTALS
  We stock various sizes of Thermo metal detectors, x-ray systems and checkweighers.
  Rentals available on a daily, weekly or monthly basis.

- EMERGENCY RE-WORK PROGRAM
  With our flexible program, we can deliver equipment to you with our technical expertise or depending on your product, you can ship to our facilities.
  We offer special pricing for preventative maintenance plans or programs.

In addition, we also offer plant-wide service plans. Contact our service department for more info at 416-291-9229 OR INFO@MDPACKAGING.COM

THE MD VALUE

- SYSTEM START-UP
  MD Packaging’s team can help develop a start-up program tailored to your individual needs. From simple start-ups to installations including rigging and mechanical completion, our team of experts and industry partners are here to help!

- TRAINING
  We provide custom training programs for your operations on everything from case erecting/sealing equipment to inspection equipment including x-ray, metal detection and checkweighing solutions. We can perform training on site or use our facilities in Uxbridge, Ontario, where we have numerous pieces of equipment, proper audio/video equipment and facilities for your staff.

- PREVENTATIVE MAINTENANCE
  We offer extensive PM programs with optional inclusion of wear/tear parts. Our program helps prevent machine malfunctions before they happen, saving you both time and money! We essentially act as your surrogate maintenance department.

- LONG HISTORY
  We are a team of industry professionals in both sales and service that have been around since 1989! We are one of the largest and most integrated packaging automation organizations in the country. Our extraordinary team is what continues to earn us both new and repeat business.
CODE OF ETHICS

MD Packaging Inc. is committed to conduct business in a professional, honest and ethical manner and to comply with the law wherever it conducts business. MD Packaging expects all employees to conduct their business in a professional, honest and ethical manner, and to comply with all applicable laws wherever they do business, including laws relating to employment, human rights, the environment and health and safety.

SUPPLIER CODE OF ETHICS

Providing or receiving gifts, personal favors or any other benefit which might influence or raise doubts as to the impartiality of the recipient and damage the reputation of MD Packaging for fair dealing are prohibited.

GOVERNING PRINCIPLES

1. Conflicts of Interest
MD Packaging Inc. will conduct business in a professional, honest, ethical and transparent manner. Employees should not engage in any activity that gives rise to an actual or perceived conflict of interest.

(a) Entertainment, gifts and payments
Providing or receiving gifts of money, goods or services solely for personal use, personal discounts, loans, gifts of non-business related travel or accommodations, personal favors or any other benefit which might influence or raise doubts as to the impartiality of the recipient and damage the reputation of MD Packaging for fair dealing are prohibited.

Certain business courtesies such as payment of a reasonable amount for a lunch or dinner in connection with a business meeting normally would not be a gift within the context of this policy. Advertising novelties would not be inappropriate to give or receive, provided the item is of insignificant value and is widely distributed to others under essentially the same business relationship with the customer.

(b) Illegal payments
Offering or accepting bribes, kickbacks or improper payments of any kind is strictly prohibited, without exception, in all circumstances.

2. Confidentiality of Information
Employees are responsible for complying with their obligations to protect Confidential Information of MD or of any customer, supplier or business partner of MD and ensuring that such information is only used for the purpose for which it was provided.

Each employee shall adhere to and comply with the non-disclosure agreement it enters into with MD and its customer. In the absence of a non-disclosure agreement, each employee must treat all information of, or supplied by MD, its customers, other suppliers and/or other business partners which is confidential, proprietary and/or not otherwise publicly available as Confidential Information including trade secrets, know-how, designs, inventions, techniques, processes, prototypes, undisclosed patents pending, finances, personnel records, business plans and proposals, capacity and production information, marketing or sales forecasts and strategies, client and customer lists, pricing lists or strategies, construction plans, supplier data, business leads, and all information relating to MD customer projects.

3. Compliance with Laws, Rules and Regulations
Each employee shall comply with all laws and regulations that apply to it wherever it conducts business and shall not, at any time, take any action which it or its employees knows, or reasonably should know, may be in violation of any applicable law or regulation, including but not limited to the following:

(a) Health and safety
Employees are required to follow safe work practices and comply with all applicable health and safety guidelines relating to their work, including governmental requirements, operations and facility-specific safety requirements, and contractual requirements. Suppliers are fully responsible for the health, safety, and continuous training of their employees. Suppliers shall minimize risks and implement best practice preventive measures against accidents and occupational illness, including an occupational health and safety management system.

(b) Environmental responsibility
Employees are expected to conduct their business in an environmentally responsible manner and not to engage in any activity that violates environmental laws or regulations wherever they conduct business.

(c) Employment practices
MD Packaging Inc. will adhere to local employment laws, including those related to maximum hours of daily labor, rates of pay, minimum age, privacy and other fair working conditions. MD promotes equal opportunities and the equal treatment of all employees.

(D) REPORTING OF VIOLATIONS AND OTHER ILLEGAL OR UNETHICAL BEHAVIOUR
Any employee or Customer’s employee who becomes aware of any illegal or unethical behavior and/or any violation of this Code of Ethics has a responsibility to report his or her knowledge promptly to the CEO of MD Packaging Inc. by writing jaime@mdpackaging.com. Except as required by law, persons reporting concerns may request that they remain anonymous. MD Packaging makes every attempt to protect the confidentiality of information provided, unless maintaining confidentiality would create a significant health, safety or legal risk.
Every project, large or small receives the full attention of our dedicated team of packaging professionals to help you, our customer, meet your objectives! As a truly full service organization, MD Packaging provides national representation for many of North America’s and Europe’s premier manufacturers of inspection and automation solutions through our regional offices in Toronto, Montreal, Calgary and Vancouver. A comprehensive in-house parts and service department with factory trained technicians support our customers during and after installation to ensure they achieve the best machine efficiencies in the market today and tomorrow.

Operating from our 7400 sq. ft. head office facility located in Uxbridge, Ontario, MD Packaging provides comprehensive sales, parts and service support to our national base of customers. Our modern showroom is available to demonstrate many of the most popular and technologically advanced packaging equipment solutions available in the market today. We provide a level of sales and service support unequalled in the market today. Call today to arrange an appointment to discuss your automation/inspection requirements.