WHAT WE OFFER
MDI manufactures **corrugated plastic products**: a wide variety of totes, trays and boxes used by distribution centers, retail, manufacturing, construction, agriculture and transportation businesses. Our **production services** is an extension of your workforce, offering contract packaging, kitting, light assembly, and fulfillment. Every product and service can be uniquely tailored for each customer and application. **Your Project. Our Expertise.**

WHO WE ARE
MDI is a leader in manufacturing corrugated standard and custom plastic packaging solutions, production assembly, and environmental services. Through a Social Enterprise model, MDI creates self-sufficiency by providing meaningful work in an inclusive environment, with nearly half of the workforce comprised of people with disabilities. Headquartered in the Twin Cities, with locations in Minneapolis, Hibbing, Grand Rapids, and Cohasset, MDI offers an unparalleled customer experience, while providing high quality products and services to businesses and organizations.
**TOTES & TRAYS**

Manufactured Using High Density Polyethylene [HDPE] –

From 50% Post-Industrial Scrap & 100% Recyclable

**APPLICATIONS**
- Product protection and organization in the fabrication and manufacturing cycle, storage and transport
- Used in manufacturing, distribution, transportation, medical, agriculture, construction and retail.
- A packaging material that performs:
  - In cold storage, outdoors; chemical and impact resistant
  - Lightweight for worker comfort and lower transportation costs
  - Fits conveyor systems and material handling equipment
  - A long life cycle; rugged and reusable

**MANUFACTURING AND FABRICATION**
- Custom designs and prototypes
- Extruded, die-cut, printed, folded and sonic welded
- Manufactured entirely in the USA

**TOTE FEATURES**
- Nestable or straight wall
- Sonic welded, shipped assembled
- Reinforced with steel or galvanized wire
- Wrapped hand holes for easier handling

**MANUFACTURING AND FABRICATION**

- Custom designs and prototypes
- Extruded, die-cut, printed, folded and sonic welded
- Manufactured entirely in the USA

- Sonic Welded
- Reinforced with Steel or Galvanized Wire
- Hand Holes

- Reinforced with Steel or Galvanized Wire
- Hand Holes
- Sonic Welded
Cost-Effective Alternative to Corrugated Cardboard

A Long Service Life – Multiple Turns

STANDARD GAUGES AND WEIGHTS
- Standard 160# double-faced: 4mm
- Die-cut tolerance: +/- 1/8” max
- Assembled tolerance: +/- .25” – +/- .5”
- Weight per 1,000 square foot: +/- 10%
- Corona (surface) treatment: 46 dyne

OPTIONS
- Accessories include dividers, custom foam inserts, label holders, custom foam protection, placards and VELCRO® closures
- Standard plastic colors: yellow, blue, green, red, natural, black, white and gray
- Custom colors and screen-printing

TRAY FEATURES
- Nestable or straight wall
- Sonic welded, shipped assembled
- Knockdown, shipped unassembled
- Durable and reusable

Sonic Welded

Knockdown

Sonic Welded and Hand Holes

Standard Colors
- Available

Custom Colors Available
Complete Manufacturing Process

Extrude, Die-Cut, Print and Assemble

**APPLICATIONS**
- Industrial, manufacturing, office organization, display boxes and containers
- Shelving boxes, material handling and transport
- Distribution center pick and pack and automated material handling
- Part of a closed-loop distribution system

**MANUFACTURING AND FABRICATION**
- Custom box and container design services
- Prototype production
- Complete manufacturing process

**STANDARD GAUGES AND WEIGHTS**
- Standard 160# double-faced: 4mm
- Die-cut tolerance: ‘/- 1/8” max
- Assembled tolerance: ‘/- .25” – ‘/- .5”
- Weight per 1,000 square foot: ‘/- 10%
- Corona (surface) treatment: 46 dyne

**OPTIONS**
- Closure styles available: standard top and bottom, L-Lock top, tuck top and tab, and/or auto lock/snap bottom
- Accessories include dividers, custom foam inserts, label holders, custom foam protection, placards and VELCRO® closures
- Standard plastic colors: yellow, blue, green, red, natural, black, white and gray
- Custom colors and screen-printing

**BOX FEATURES**
- Sonic welded, shipped assembled
- Knockdown, shipped unassembled
- Straight wall construction and flat bottom
- Stackable and versatile
- Washable, lightweight yet durable
- Fiber and dust free
- Water and chemical resistant

---

HSC with Cutout;
Auto Lock & Snap Bottom

Auto Lock Bottom
Welded Wrap Tab Seam; Lid Included

RELF with Tuck Top and Tabs

L-Lock Top
Auto Lock Bottom

RELF with VELCRO® Closure
Customizable, Easy To Handle and Fabricate Tree Wrap Protection

MANUFACTURING AND FABRICATION

- Double-faced corrugated plastic sheets and rolls: two-layers of plastic, co-extruded with a corrugated plastic center core, the inner core consists of a waved flute that runs horizontally
- Single-faced corrugated plastic sheets and rolls: two-layers consisting of one outer layer, co-extruded to a corrugated waved flute layer
- Sheets and rolls available in standard plastic colors: yellow, blue, green, red, natural, black, white and gray

SINGLE-FACED ROLLS
- Width: up to 53.5”
- Length: 250’ or 500’
- Weight: 110#, 125#, 150#, 250#

DOUBLE-FACED ROLLS
- Width: up to 53.5”
- Length: 250’ or 400’
- Weight: 160#

SINGLE-FACED SHEETS
- Width: up to 53.5”
- Length: up to 96”
- Weight: 110#, 125#, 150#, 250#

DOUBLE-FACED SHEETS
- Width: up to 53.5”
- Length: up to 96”
- Weight: 160#, 250#, 300#

TREE WRAPS
- Standard colors: natural (to encourage heat transfer) and white with a black corrugation (to protect and insulate)
- Multiple sizes available
- Reusable, recyclable and flexible
Flutes **Draw Water** and **Abrasives Away** From Cutting Surface  
**Preventing Splash** Back and Film on Parts

**APPLICATIONS**  
Used as surface for abrasive or straight water cutting metal, stone, plastic, glass, food and composites

**SIZES AND WEIGHTS**  
- Standard dimension: 48” × 6” × 4” (custom sizes available)  
- Weight: 250# and 300#  
- Standard colors: black or natural

**FEATURES**  
- Unique fluting system drains water and abrasives away  
- Screwed or nailed together  
- Galvanized or non-galvanized fasteners  
- Manufactured from High Density Polyethylene (HDPE)
Our design team has the EXPERIENCE and TECHNOLOGY to transform your idea to a product SOLUTION. We are committed to total customer satisfaction from inquiry, to design and production, through on-time delivery - we are a dependable partner you can rely on.

Why MDI Corrugated Plastic Containers?
- Rugged durability and sustainability
- Protects products in storage, transportation, and on production lines
- Long service life creates return on investment (ROI)
- Lowers the overall cost of packaging
- Lightweight, reusable and 100% recyclable

Custom Corrugated Plastic Solutions
MDI can design custom corrugated plastic products, to meet your specifications, performance, and budget. Every custom order is guaranteed:
- Precise CAD modeling and CNC prototype
- Competitive pricing
- Quick lead times
- Dedicated service, including quality inspection

Products can be screen printed and available in both standard and custom colors.
Production Packaging and Kitting, Fulfillment, Services For Retail, Manufacturers and Distributors

An Extension of Your Workforce

Providing contract production packaging, kitting, light assembly, fulfillment and supply chain services.

ASSEMBLY & KITTING
- Specialized automated and manual assembly
- Custom kitting and labeling
- Complete product launch support

PACKAGING & SHRINK WRAPPING
- High and low volume shrink wrapping
- Bundle-packing, polybagging and bubble wrapping
- Pallet wrapping

PRODUCT INSPECTING & TESTING
- Visual, dimensional/functional inspection
- Testing of products
- Liquidated, overstock and return products

All projects are completed per ISO 9001:2015.
Team members are trained and led by line leads who map efficient methods, and build in quality checks, to ensure absolute accuracy and on-time delivery - every time.

We are committed to total customer satisfaction from inquiry, to design and production, through on-time delivery. We are a dependable partner you can rely on.
Dedicated Production Environments That Align With Customer Expectations and Projects

Our WHITE ROOM provides the rigorous adherence to CLEANLINESS and QUALITY CONTROL necessary for sensitive packaging and assembly. All materials assembled operate under conditions similar to a clean room to ensure no contamination enters.

With a 45,000 sq. ft. warehouse, our modifiable cell floor layout adapts to customers assembly requirements.
PRODUCTS: Custom and Standard Designs
Totes, Trays, Boxes, Hopper Bins, Sheets, Rolls, Recycling Containers, Tree Wrap, WaterJet Bricks and Custom Plastics

PRODUCTION SERVICES: Assembly, Kitting, Packaging, Shrink Wrapping, Labeling, Product Testing, Inspection, Production Rework, Collating and Fulfillment

Serve People With Disabilities By Offering Inclusive Employment Opportunities and Services