

# WE'RE MORE THAN CAPABLE



WELLS - FIRE BOOM - D  
SYSTEMS - BOOMVANE™ - DRUM SKIM  
KIMMERS - PORTABLE TANKS - POWER  
S - LANDING CRAFT WORK BOATS - SK  
TS - AERIAL SURVEILLANCE - CONTAIN  
DM - BOOM REELS - TURBIDITY CURTA  
FFLES - TRASH AND DEBRIS BOOM - BO  
ESSORIES - RESPONSE VEHICLES - CUS



# Who We Are

## **Elastec - Est. 1990**

Established in 1990 with the invention of an oleophilic drum skimmer, Elastec is the largest manufacturer of oil spill recovery equipment in North America. Our full line of skimmers, oil containment booms, dispersant application systems, work boats, response trailers, vacuum systems, portable incinerators and accessories are operated in over 155 countries. Total sales range from \$15 to \$30 million with 50% in exports. Elastec is a vertically integrated company supported by over 100 administrative and manufacturing employees with a passion to keep our world clean.

## **American Marine - Est. 1967**

The first oil containment boom, insitu fire boom and turbidity curtain were created by American Marine in 1967. An extruded aluminum quick-connect system was developed to join the floats and survives today as one of two industry standards. Elastec officially acquired American Marine in 1997 and the two companies merged in 2012. The floating boom, baffle and barrier division remains an integral asset in the control and containment of oil spills, trash, debris, silt, invasive aquatic weeds and marine species to keep our waterways clean.

# What We Do

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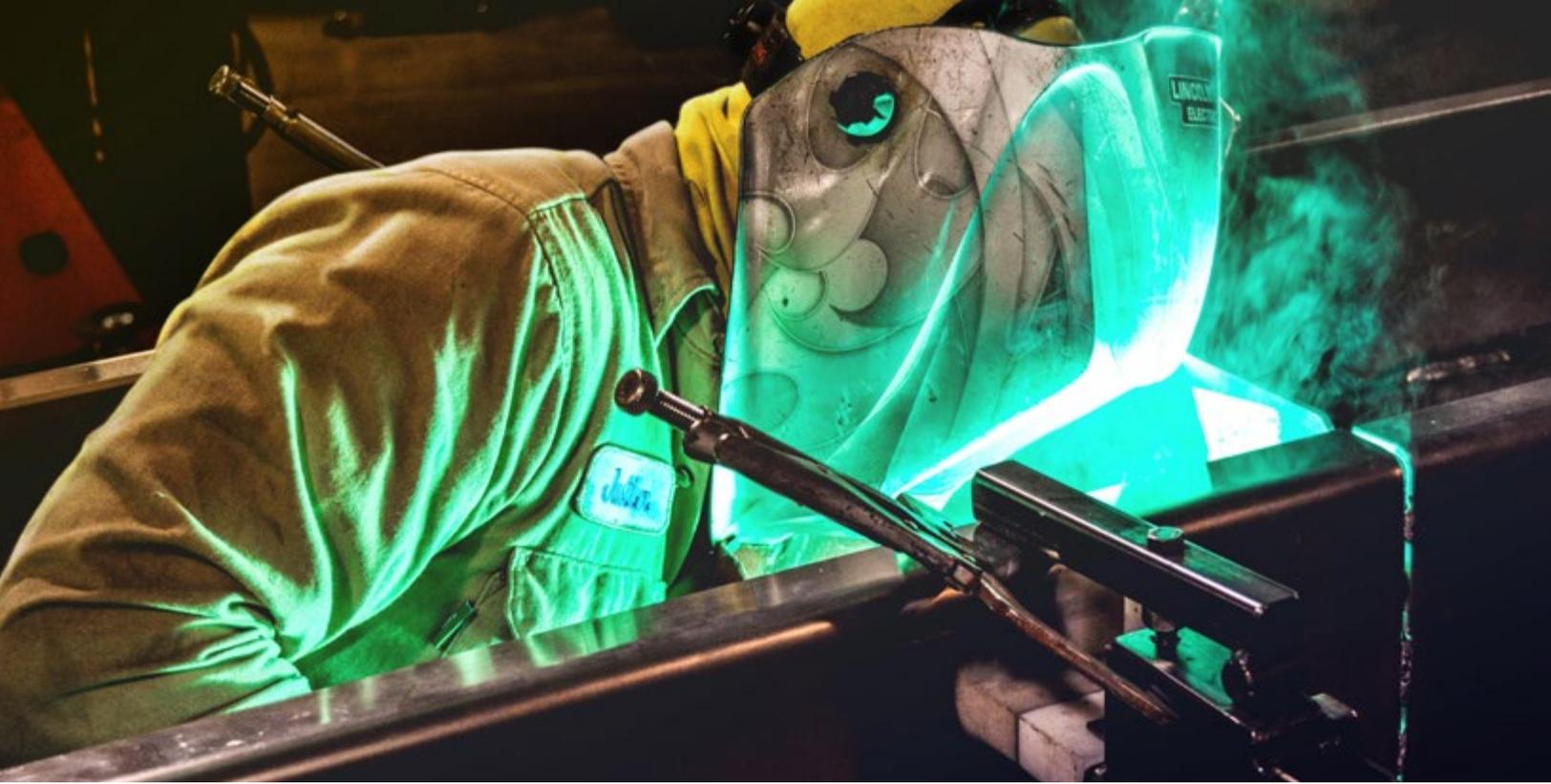


# Who We Serve

Our customers are stewards of water. In the government sector, they are Coast Guards around the world who defend our borders and protect the maritime environment. They are the municipalities who clean our water for drinking and to create electricity with hydro dams to power our homes and businesses.

In the private sector, they are the emergency response organizations who are specially trained to recover oil spills, chemical releases and other hazardous materials. They are the civil engineers who design our waste and stormwater infrastructure, and construction companies who dredge to facilitate waterborne navigation. Some are volunteers who share our passion to keep our waterways free from trash, debris, chemicals, sediment and drugs. A client list is available on request.

Elastec has a core competency in the manufacture of oil spill recovery equipment. We are a vertically integrated company meaning that we have control of resource material and the flexibility to manage engineering and production processes to meet, and exceed, customer expectations. This capability also allows us to quickly supply the proper equipment for emergency spill incidents. Elastec is guided by the requirements of the U.S. Oil Pollution Act and the Clean Water Act and a respect for our greatest natural resource – clean water.



# Facilities

Elastec properties cover over 230,000 square feet encompassing administrative offices and three manufacturing facilities in southern Illinois and Cocoa, Florida, U.S.A. Oil spill equipment is produced in the heart of the Midwest in Carmi and Fairfield, Illinois near convenient transportation gateways: waterway ports, the interstate highway system, rail, and international air freight delivery systems. Floating custom booms, baffles and turbidity curtains are manufactured in our Florida facility.



# CARMI ILLINOIS



### [Administrative](#)

16,760 sq. ft / 1,557 sq. m

### [Warehouse / Storage](#)

80,892 sq. ft / 7,515 sq. m

### [QA Testing - 2,250 sq. ft / 209 sq. m](#)

Test Tank 15 x 15 x 3 ft

Test Tank 12 x 30 x 6 ft

### [Fabrication - 28,300 sq. ft / 2629 sq. m](#)

1 - 6 x 12 ft CNC Plasma Cutter

1 - 6 x 12 ft CNC Router

2 - Press Brake

1 - 8 ft Metal Shear

1 - Iron Worker

2 - Drill Press

1 - Punch Press

2 - Hydraulic Pipe Bender

1 - CNC Pipe Bender

3 - Sander

3 - Horizontal Band Saw

1 - Vertical Band Saw

1 - 8 ft Sheet Roller (3 drum)

1 - 6 ft CNC Sheet Roller (4 drum)

### [Welding - 10,500 sq. ft / 975 sq. m](#)

5 - Welder Steel - Miller

8 - Welder Steel / Aluminum

7 - Welder Lincoln TIG

3 - 1 Ton Jib Crane

4 - 1/2 Ton Jib Crane

### [Paint & Prep - 6,000 sq. ft / 557 sq. m](#)

3 - 15 x 30 ft Paint Booth

2 - 15 x 30 ft Sand Blasting Booth

2 - Tumbler

2 - Sand Blast Cabinet

### [Machine Shop - 1,000 sq. ft / 93 sq. m](#)

2 - Drill Press

1 - Mill

1 - Lathe

1 - Hand Roller

1 - Hand Break

1 - Hand Pipe Bender

### [Assembly - 13,500 sq. ft / 1,254 sq. m](#)

2 - Overhead Gantry Cranes

6 - Jib Cranes

5 - Fork Trucks



### 926 Facility - Carmi

This location houses the Sales & Marketing group, a product showroom and training center with seating for up to 50 people. The attached warehouse accommodates overflow storage and functions as an additional training facility.





### **1309 Facility - Carmi**

This facility houses our purchasing, shipping, human resources, research & development and accounting groups. It is “command central” for the design and manufacture of our aluminum and steel products: oil skimmers, boom reels, BoomVanes, work boats, portable incinerators, vacuum systems and specialized vehicles.

Our design and engineering capabilities include CAD design, 3D solid modeling, structural engineering and mechanical engineering. Dedicated fabrication, weld and assembly processes ensure a smooth production flow and quality control supervision. Our in-house wood shop constructs specially-designed crating for safe shipment of our products and convenient storage options for our customers.





### **Oil Containment Boom**

Our Fairfield location was specially designed for the dedicated manufacture and warehousing of oil containment boom, secondary storage tanks and bladders to ensure strict compliance with industry standards. The highest performing insitu burning (ISB) Deepwater Horizon systems, American Fireboom and Hydro-Fire® Boom, are manufactured here. An in-house metal shop fabricates boom connectors, tow bridles and anchoring systems for reliable performance and endurance.





## Administrative

3,160 sq. ft. / 294 sq. m

## Warehouse / Storage

18,700 sq. ft. / 1,737 sq. m

## Assembly - 25,000 sq. ft.

2,323 sq. m

- 7 - 2 Ton Overhead Crane
- 15 - 4 kW RF Machine
- 2 - 6 kW RF Machine
- 2 - 30 kW RF Machine
- 8 - Hot Air Welder
- 6 - 110 ft Production Table
- 2 - 25 ft Production Table
- 5 - Fork Truck
- 2 - Single Head Heat Sealer
- 2 - Multi Head Heat Sealer
- 5 - Commercial Sewing Machine
- 8 - Drill Press
- 1 - Punch Press
- 1 - 2 Ton Jib Crane





### **Custom Containment and Curtains**

In 1967, American Marine, a division of Elastec, was established to help control water pollution with the inventions of oil containment boom, fireboom, turbidity curtains and an extruded quick-connect system to join lengths of boom together which survives today as one of two industry standards. Floating geo-synthetic barriers and custom containment booms are manufactured in Cocoa to control oil spills, trash, debris, sediment, aquatic weeds and floatables in our waterways.



COCOA  
FLORIDA



## Administrative

2,400 sq. ft / 223 sq. m

## Warehouse / Storage

15,000 sq. ft / 1394 sq. m

## Assembly - 23,800 sq. ft.

2,211 sq. m

- 4 - 1/4 Ton Jib Crane
- 8 - RF Machine
- 4 - Hot Air Welder
- 4 - 110 ft Production Table
- 1 - 60 ft Production Table
- 2 - Fork Truck
- 1 - Single Head Heat Sealer
- 1 - Multi Head Heat Sealer
- 4 - Commercial Sewing Machine
- 1 - Drill Press
- 1 - Punch Press



# Product Portfolio

Surface water pollution is a global problem. Oil spills, plastics, trash, debris, sediment and other waterway contaminants all flow downstream polluting our lakes, rivers and oceans. Elastec develops and manufactures simple and cost-effective solutions to keep our world clean.

## Oil Spill Equipment



## Portable Incinerators



## Floating Booms & Barriers



## Work Boats



## Vacuum Systems



## Pumps & Power Units



# Oil Spill Equipment

Elastec's core capability is the manufacture of oil spill recovery equipment for inland, nearshore and offshore incidents and releases: skimmer systems, oil containment, fire and custom booms, work boats, portable incinerators, vacuum systems, response trailers and specialized vehicles. Most are in-stock and ready to ship. Our engineering team can also custom-design a spill equipment solution for specific applications.

**Absorbents**



**Aerial Surveillance**



**BoomVane™**



**Containment Boom**



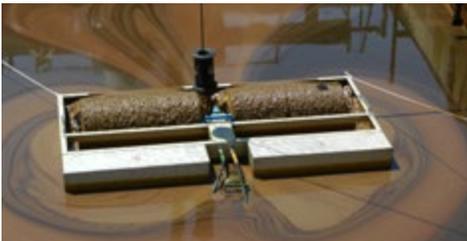
**Dispersant Systems**



**Fire Boom**



**Oil Skimmers**



**Portable Incinerators**



**Portable Tanks**



**Pumps & Power Units**



**Rapid River Response**



**Response Trailers**

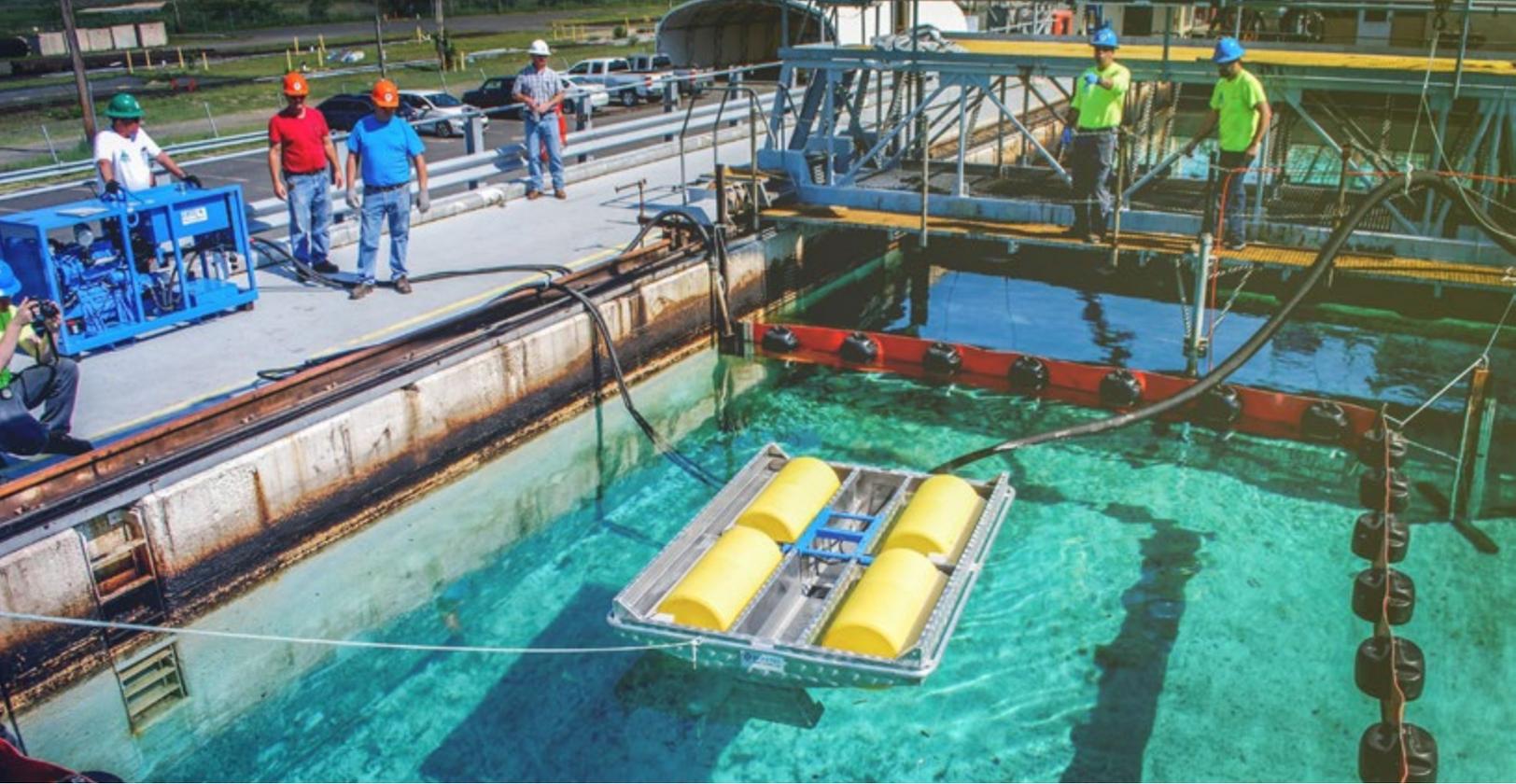


**Vacuum Systems**



**Work Boats**





# Quality Management

Elastec's entrepreneurial spirit and a respect for the environment has created a culture of pride in manufacturing quality products that perform when our customers need them the most – especially in an emergency oil spill situation. Managing this success required an international system with quality at its core, ISO.

**International Organization for Standardization: ISO 9001:2015**  
“Great things happen when the world agrees”



Elastec has followed the ISO 9001:2015 management system standards since 2003 and is audited and assessed for certification on an annual basis. We adhere to the ISO criteria not only because we are a global business, but more importantly, to validate our pledge to meet our customers' requirements with quality products and conscientious service. Our Continuous Improvement Team (CIT) persistently address improvements to our process base to give our customers reliable, easy to use – and above all - safe products. Quality is inherent in our company and in our people, organized and led by an executive team focused on developing innovative environmental products to enhance the quality of life.



# Health & Safety

Providing a safe place to work and wellness programs are priorities to protect our most important asset – our employees. Safety training is conducted on a regular basis for all employees.

Elastec products are designed with the safety and well-being of our customers as well. Design considerations such as detailed labeling, color-coded connections, lifting point labels, in-house and third-party testing certifications, pinch points and general instructions are incorporated into our product safety criteria. This is a sampling of some of our product safety features:

**Boom Reels** - Brakes, tie down points, load testing of spool, weld testing.

**Hydraulic Power Packs** - Noise limits, temperature (guarding of hot exhaust), spark arrestors, over speed control valves, pressure relief valves, tracks and wheels to reduce manual lifting, enclosed fork pockets, certified lifting points.

**Skimmers** – Lightweight design to reduce back strain, guarded drive coupling, wipers with spring relief, pump inlets guarded, certified lifting points, warning labels.

We also incorporate safety features for seasonal changes. For example, in cold climates, battery blankets, engine sump warmers and insulated covers are provided. For our Alaskan and Canadian customers, we include sump trays on the power packs to contain oil drips. Steam coils are available on our drum skimmers to facilitate pumping of cold or ice-laden oil.

# Customer Collaboration

Inherent in our quality process is adherence to customer requirements. For complex projects, we encourage a collaborative approach with our clients. We recommend a kickoff meeting with the project team to develop a shared vision and expectations. Having the client as a member of the team enhances communication and a satisfied

customer. When requested, we follow First Article Testing to confirm that contract requirements and specifications are being met. Prior to shipment and throughout the design and production process, relevant in-house and third party testing is conducted.



# Commissioning & Training

Equipment commissioning at our customer's location is an optional service to verify that the shipment was received in good order and that the product functions properly. Detailed operations and training manuals are provided along with instructional videos, pamphlets and story boards – in print and digital formats. Language translations can also be accommodated.

Elastec's in-house Marketing department has the capability to design and produce various marketing and training materials. We recently developed a custom Inland Spill Tactics Guide for a major Canadian pipeline company.



# Workshops

Elastec also offers annual workshops involving in-depth presentations and hands-on field and water exercises on our equipment. Industry experts share their knowledge and attendees share their experience with colleagues from around the world. A large training room with a seating capacity of 50 is available at our 926 facility. Our proximity to the Wabash River in Indiana, along with local lodging and training facilities, provides a convenient venue for workshops. We can also host custom training events.



The \$1.4 Million Competition to Inspire  
New Generation of Oil Spill Cleanup Technologies.



# It Started with a Bucket

In 1990 in Crossville, Illinois, two hard working entrepreneurs, Donnie Wilson and Jeff Cantrell, were working in the oil fields of the Illinois Basin, cleaning an oil pit with a skimmer that was picking up more water than oil. Frustrated, one of them said that they could pick up more oil with a 5-gallon bucket than with the skimmer they were using. He threw a bucket into the oil. The bucket landed in the pit, spinning like a drum. Oil stuck to the bucket, leaving the water behind. It was a “Eureka” moment!



Wilson and Cantrell invented the Elastec Drum Skimmer. The rest is history. Throughout the years, Elastec has won numerous awards and recognition for our innovative environmental equipment. We are a small business with a big mission, to develop simple solutions to keep our waterways, lakes, rivers and oceans clean. And, it all started with a bucket.

## CALTRANS Award



## Popular Mechanics Breakthrough Awards



## Inc. 5000 Awards





The longest continuous oil-spill burn at sea is 11 hours 48 minutes and was started deliberately by Elastec, Inc. (USA) to remove oil spilled as a result of the explosion on board the Deepwater Horizon oil drilling rig in the Gulf of Mexico, USA. The burn occurred on 19 May 2010.

Popular Mechanics Breakthrough Award

CALTRANS Award

GUINNESS WORLD RECORDS®

Inc. 500 | 5000 Fastest Growing Private Companies

Wendy Schmidt Oil Cleanup X CHALLENGE Winner

National Geographic #2 Most Hopeful Energy Developments

The Washington Post #13 Best Moments in Innovation

United States Department of Commerce Export Achievement Award

# Media Recognition



WATER OIL SKIMMERS - FIRE BOOM - D  
SYSTEMS - BOOMVANE™ - DRUM SKIM  
KIMMERS - PORTABLE TANKS - POWER  
S - LANDING CRAFT WORK BOATS - SK  
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ESSORIES - RESPONSE VEHICLES - CUS  
NSE TRAILERS - VACUUM SYSTEMS - IM  
- OPEN WATER OIL SKIMMERS - FIRE B  
EFFICIENT SYSTEMS

# WE'RE



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