



PRODUCT CATALOG

Oil Spill Equipment | Floating Barriers | Incinerators
Work Boats | Vacuums | Turbidity Curtains



WHO WE ARE

Established in 1990 with the invention of an oleophilic drum skimmer, Elastec is the largest manufacturer of oil spill recovery equipment in North America. We offer a full line of skimmers, oil containment booms, dispersant application systems, work boats, response trailers, vacuum systems, portable incinerators and accessories.

The first oil containment booms were created by American Marine in 1967. 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 organization.

ACCESS



CONTROL & CONTAINMENT



RECOVERY



STORAGE & DISPOSAL



Carmi, Illinois



Carmi, Illinois



Fairfield, Illinois



Cocoa, Florida

Elastec has a core competency in the manufacturing 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.



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ELASTEC E28 Work Boat



ELASTEC E26C Work Boat

LANDING CRAFT WORK BOATS

Elastec Aluminum Landing Crafts are designed to operate in shallow or open water conditions. Recognizing that response and waterway maintenance may require beaching, they are fitted with a bow ramp. These impressive aluminum work boats can typically achieve 30 to 40 knots, depending on choice of propulsion options.

Model	E18	E20	E23	E26C	E28	E32
Length	18 ft 6 inch 5.7 m	20 ft 7 inch 6.3 m	23 ft 7m	26 ft 9 inch 8.1 m	28 ft 1 inch 8.56 m	31 ft 6 inch 9.6 m
Beam	7 ft 3 inch 2.2 m	8 ft 1 inch 2.46 m	8 ft 1 inch 2.46 m	7 ft 4 inch 2.24 m	8 ft 1 inch 2.46 m	10 ft 4 inch 3.15 m
Cargo Door	49 inch 1.24 m	64 inch 1.62 m	64 inch 1.62 m	64 inch 1.62 m	64 inch 1.62 m	72 inch 1.82 m
Max Cargo*	1,000 lb 454 kg	2,000 lb 907 kg	3,000 lb 1,360 kg	5,000 lb 2,268 kg	5,500 lb 2,495 kg	8,000 lb 3,629 kg

Landing craft can be configured with a simple console arrangement or a fully enclosed cabin. These boats are designed for oil spill, municipal, and commercial applications. Features available include a heavy-duty davit and winch system, tow-post for boom towing, and bow door/ramp that allows loading and unloading from the shore. Our E26C model can be shipped in a standard 40 ft container to reduce transportation costs.



ELASTEC E26C Work Boat



INLANDER BOAT & BARGE

The **ELASTEC Inlander Boat and Barge** is a shallow draft boat system - a safe and functional alternative to the use of fishing boats for response operations. The 22 ft / 6.7 m long boat has a modified V-hull with a 6-degree deadrise for maximum speed-to-weight performance in choppy or swift waters. The rectangular straight, sheer shape of the Inlander Boat and Barge allow them to be harnessed together to form various work and dive platforms. A narrow version is also available, capable of fitting into a container for storage and shipping.

Length:	22 ft / 6.7 m (24 ft / 7.3 m with motor guard)
Beam:	101 inch / 2.6 m (91 inch / 2.3 m for container version)
Sides:	36 inch / .91 m
Draft:	6 inch / .15 m
Hull:	Semi Vee with 6 degree deadrise
Material:	Marine grade 5052 3/16 aluminum
Displacement:	2,600 lb / 1,179 kg (with twin 90 hp engines)
Max Cargo:	4,000 lb / 1,814 kg with 25 inches freeboard
Outboard:	Single or twin engine configurations available
Open Deck Configuration:	95 sq ft / 8.8 sq m deck area with console 115 sq ft / 10.7 sq m deck area without console



PLATFORM BOATS

The **ELASTEC Platform Boat** is a catamaran style work boat built to provide a stable and safe working platform. The railing and non-slip deck provide an area for working personnel and equipment transportation. Its rugged design enables this versatile catamaran to perform a variety of waterway maintenance and marina tasks. This vessel requires minimal upkeep as it has few moving parts, and its propulsion is provided by a single outboard. Custom sizes are available.

Length:	16 ft / 4.8 m	19 ft / 5.8 m
Beam:	8 ft 6 inch / 2.6 m	8 ft 6 inch / 2.6 m
Hull Size:	29.5 x 20.25 inch / 75 x 51 cm	29.5 x 20.25 inch / 75 x 51 cm
Operating Draft (Lightship):	6 inch / 15 cm	6 inch / 15 cm
Displacement (Lightship):	2,475 lb / 1,122 kg	2,775 lb / 1,258 kg
Payload Capacity:	1,500 lb / 680 kg	1,800 lb / 816 kg
Total Deck Space:	102 ft² / 9.47 m²	126 ft² / 11.7 m²
Working Deck Space:	65 ft² / 6.03 m²	65 ft² / 6.03 m²
Outboard:	20 or 50 hp	20 or 50 hp



KVICHAK/MARCO FILTERBELT BOAT

The **Kvichak/MARCO Filterbelt Boat** is a rapid response skimming vessel that can operate in protected waters such as ports, harbors, rivers and inland environments. The system screens debris and entrained solids from the oil, which is then retained on board in recovered oil tanks. This vessel is also the main component of Elastec's **Rapid River Response System (R3S)**. The R3S assembly consists of a Kvichak/MARCO Filterbelt vessel, two 0.5m BoomVanes™, two 150 ft / 46 m legs of OptiMax boom and a towable bladder.



Length:	31ft 3 inch / 9.4 m including engine guard
Beam:	9 ft 8 inch / 2.9 m
Draft:	2 ft / 0.6 m Lightship (outboards down)
Draft:	2 ft 11 inch / 0.9 m Loaded (outboards down)
Oil Recovery Tanks:	1,200 gal / 4,542 liters / 4.5m³ total
Max Transit Speed:	17 knots (lightship)
Standard Propulsion:	Two 90 hp 4-stroke outboards

Oil Skimmer Performance;

- Group 1:** Non-persistent oils up to 50 bbls/hr / 8 cu.m per hour (using sheen or diesel/jet fuel recovery)
- Group 2:** Persistent oils up to 207 bbls/hr / 33 cu.m per hour (using lube & crude recovery pads)
- Group 3 & 4:** Persistent oils up to 427 bbls/hr / 68 cu.m per hour (using the backing belt only)





OMNI CATAMARAN

The **ELASTEC Omni Catamaran** is a versatile aluminum work boat that offers a variety of waterway maintenance and marina service applications in sheltered waters. A variety of pods can be fitted that enable floating trash collection, quay wall and river walk wash down, sanitation pump out, cargo hauling and A-frame winching capabilities. When the deck plates are in place, the Omni Catamaran becomes a useful platform for conducting maintenance tasks.

- Unique interchangeable pod system allows the vessel to perform many functions.
- No complex hydraulics or moving parts to maintain.
- Wheeled fenders allow the craft to be driven along walls where trash is most prevalent.
- Cutaway transoms allow the boat to pull away from quay walls with ease.
- Pod system allows items to be loaded directly on the quayside and lifted onto the boat.



Omni Catamaran with Pump Out Pod



RESPONSE TRAILERS & CONTAINERS

Elastec offers trailers and containers in a variety of sizes and styles for transporting and storing spill response equipment. They can be custom-outfitted and sourced to your specifications.

Trailers can be modified with a side door for full access to equipment or fully enclosed with a ramp/door. Open bed trailers are also available.



We outfit standard ISO shipping containers with rails for storing different types of oil boom (including fire boom). The railing system allows the boom to dry and facilitates storage and deployment.



MULTI-PURPOSE CRAWLER CARRIER

The **ELASTEC Multi-Purpose Crawler Carrier** can transport heavy equipment on soft ground and rough terrain. Integral hydraulic power allows you to run a drum skimmer with ES400 pump. The crane supports operations in remote locations.

- Payload up to 6,600 lbs/ 3,000 kg
- Powers Hydraulic Equipment
- Tilt Bed
- Low Ground Footprint
- Hydrostatic Drive



MULTI-PURPOSE ATV

Recognizing that oil spills often happen in hard-to-reach areas, the **ELASTEC Multi-Purpose All Terrain Vehicle** is fitted with a diesel engine that has been adapted to operate auxiliary hydraulic equipment. The vehicle can also be supplied with tracks, davit, skimmer or submersible pump.

SEND US YOUR PHOTOGRAPHS FOR A CHANCE TO WIN AN iPad



We want to see your pictures of our equipment in use. Submissions will be eligible for a chance to win an Apple iPad.

Visit www.elastec.com/photo-contest for contest rules and requirements.



Photo by SINTEF

AMERICAN FIREBOOM

ELASTEC American Fireboom employs a unique high temperature resistant core and ceramic fabric components that retain structural integrity from -65°F / -54°C to more than 2,000°F / 1,093°C . It is comprised of stainless steel knitted mesh, ceramic flotation, built-in stainless steel tension cable and covered with sacrificial PVC fabric. American Fireboom can be used in a protective role (keeping burning oil away from assets) or for dynamic controlled burning operations. It can be packaged in crates, containers or pallets for storage and transport.



500ft/ 150m of American Fireboom packaged in a 20ft container.



Deepwater Horizon 2010

Total Height:	30 inch / 760 mm	20 inch / 50 cm
Float:	12 inch / 300 mm	8 inch / 20 cm
Skirt:	18 inch / 450 mm	12 inch / 30 cm
Weight:	8.1 lb/ft / 12 kg/m	5.1 lb/ft / 7.7 kg/m
Section Length:	50 ft / 15 m	50 ft / 15 m
Storage Volume:	77 cu/ft / 2.2 cu/m per section	24 cu/ft / 0.68 cu/m per section

SAFE START IGNITER



The **ELASTEC Safe Start Igniter** is designed to provide a safe and easy way to start controlled burns for oil spill control. Each one gallon / 3.8 litre container is preloaded with non-toxic Safe Start gelling agent to be mixed with diesel fuel.



Deepwater Horizon 2010



Deepwater Horizon 2010

HYDRO-FIRE® BOOM MKII

ELASTEC Hydro-Fire® Boom is a state-of-the-art inflatable fire boom. It is a complete system comprised of 500 ft / 150 m of boom on a powered reel with integrated air blower, hoses, towing equipment, power pack and two high capacity water pumps. Elastec fire booms have undergone rigorous testing and have outperformed competing systems in Insitu Burn (ISB) operations. Over 90,000 ft / 27 km of our fire boom has been supplied around the world.

Total Height:	34 inch / 86 cm
Float:	15 inch / 38 cm
Skirt:	19 inch / 48 cm
Section Length:	100 ft / 30 m
Storage Volume:	5 sections per reel

“Hydro-Fire® Boom systems collected the most oil and were responsible for the highest volume of oil burns per system.”*

*BP Report “Fireboom Performance Evaluation, Nov. 2010”



Optional 20 ft container





BOOMVANE™ SPRAY

The **ELASTEC BoomVane™ Spray** system can be deployed from small service vessels, such as coastal fishing boats, pilot and work boats, for dispersant application on marine oil spills. The 1m BoomVane allows for a wider spray width (65 ft / 20 m) than conventional arm systems.

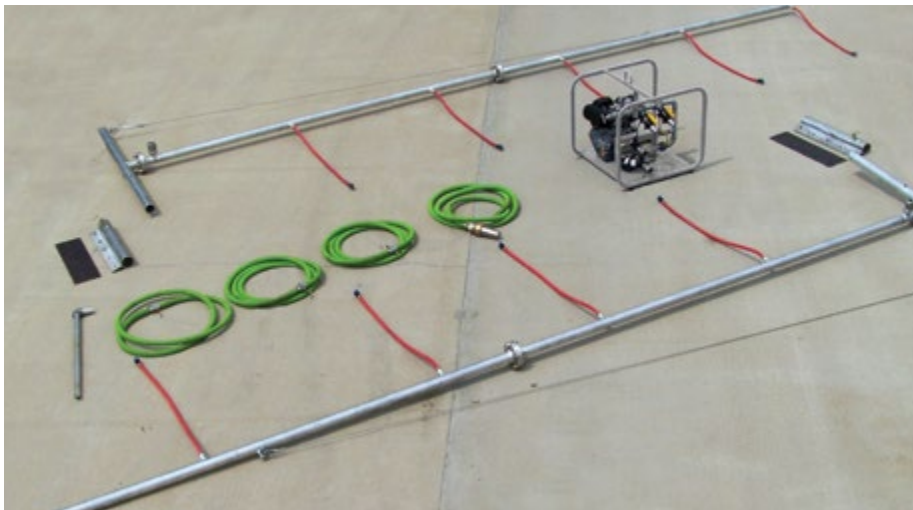
The BoomVane Spray has been developed with funding from NOFO (Norwegian Clean Seas Association for Operating Companies) with the objective of providing low displacement vessels a way to safely spray dispersant in deep water close to shore.



NEATSWEEP®

ELASTEC NeatSweep® is a precision oil spill dispersant application system that provides a large encounter rate for oil spilled on water. The dispersant pump automatically detects the speed of the towing vessel and self-adjusts the spraying rate according to pre-set parameters. A mixing panel is towed behind the dispersant application zone (DAZ) to help mix the oil spill dispersant with the oil on the water's surface.





ELASPRAY

ELASTEC ElaSpray is designed for easy installation on tugboats, offshore supply vessels or other types of vessels. The system contains a compact diesel engine driven pump for spraying diluted or neat dispersant. Two marine grade aluminum spray arms are mounted on the supporting post and secured by the topping wires. Each standard spray arm is mounted with five spray nozzles.



AERIAL SURVEILLANCE

The **ELASTEC Aerostat 3** is a lightweight and portable aerostat that can support a choice of cameras for real-time surveillance and a variety of aerial photography applications, including oil spill response, security and environmental monitoring . It incorporates patented wings that stabilize the balloon and give lift. This unique surveillance system is supplied ready to go, you just add Helium. It is delivered with a hand reel holding 200 m / 656 feet of a high-strength orange mooring line and ground anchor; the unit can be deployed and retrieved in a matter of minutes.



WORKSHOPS

Elastec offers workshops throughout the year to share and foster oil spill knowledge and techniques. Visit www.elastec.com/elastec-workshops for more information.

Earn credit towards continuing education and HAZWOPER refresher.





SHOREMAX

ELASTEC ShoreMax is a special purpose inflatable oil spill containment boom for use in shallow, calm water environments or to traverse between the beach and the sea. It is ideal for making the transition between a conventional floating boom and the shoreline. Equally, it is very useful in swamp and marsh areas where the water level can rise and fall. Ballast is provided by water-filled tubes.



TUNDRAGUARD

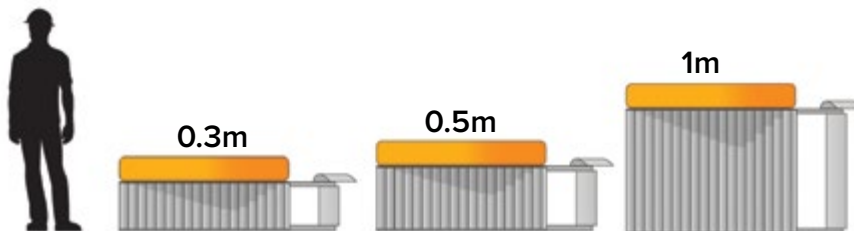
ELASTEC TundraGuard oil spill containment boom is effective in swamps, marshes and wetlands. It is a special purpose lightweight boom for use in shallow, calm water environments where the water level may fluctuate and cause conventional booms to leak or fail due to grounding.





0.3m & 0.5m BOOMVANE™

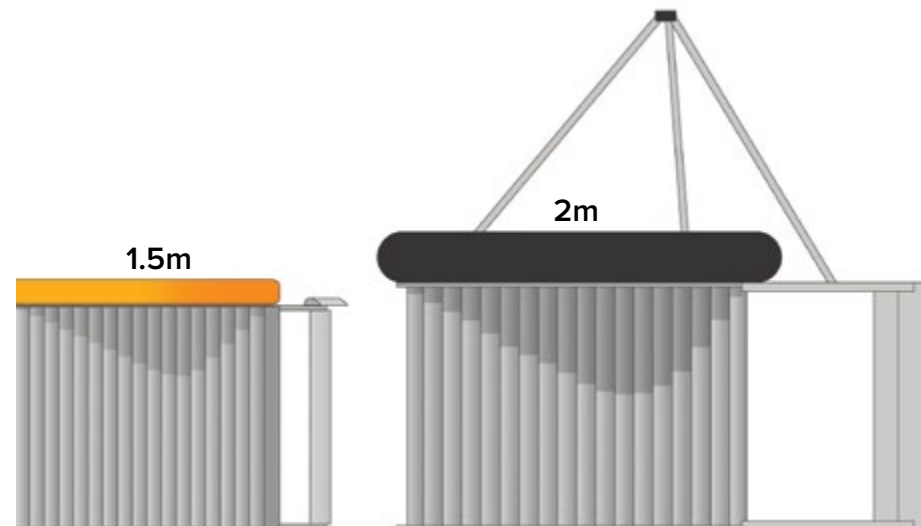
The **ELASTEC 0.3m and 0.5m BoomVane™** models are designed for shore-based operations in shallow rivers with waters less than 3 ft / 1 m. The BoomVane enables boom deployment in fast currents without using boats. They can also be utilized in wide river sweep operations.



1m BOOMVANE™

The **ELASTEC 1m BoomVane™** is constructed with a cascade of vertical wings mounted in a rectangular frame. Powered by the current, the BoomVane, held by a single mooring line only, swings out towards the opposite shore with the oil boom in tow. This powerful yet light and handy tool enables rapid boom deployment and can be operated in waters with heavy traffic since the control rudder allows for fast and effortless system retrieval.

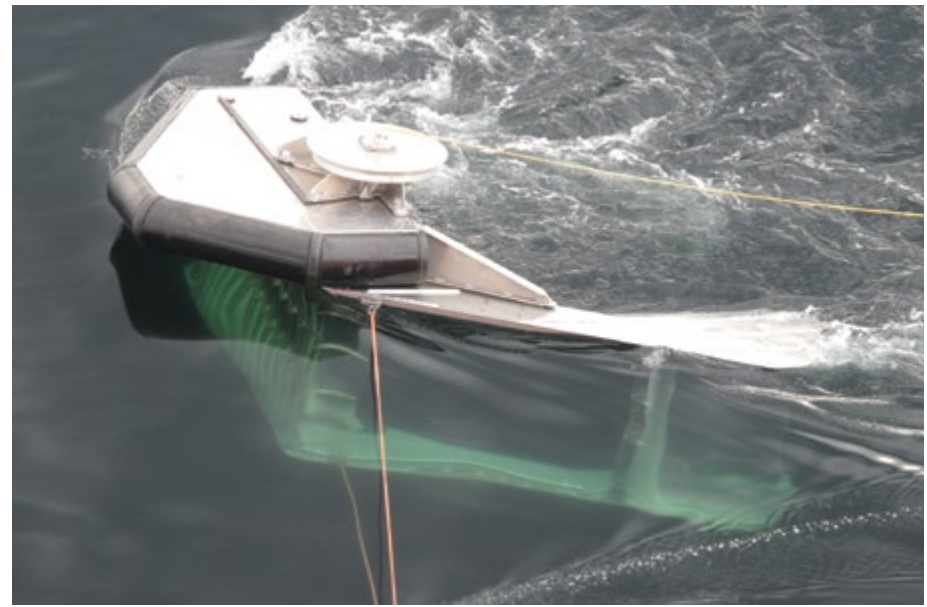
The 1m BoomVane is designed for both shore-based and vessel sweep applications to deploy shallow and medium draft oil booms, as well as containment and recovery systems, in rivers and coastal waters.





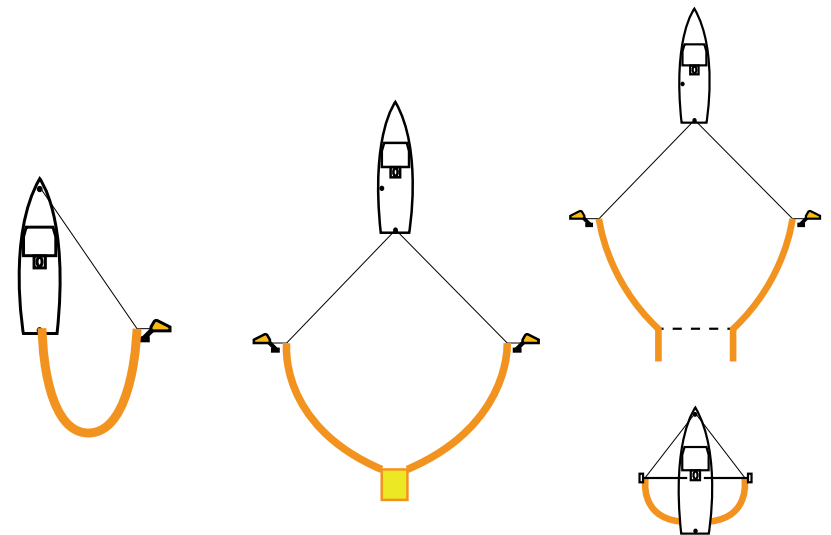
1.5m BOOMVANE™

The **ELASTEC 1.5m BoomVane™** is a proven substitute for secondary towing vessels in boom sweeping operations. It is powerful enough to tow 200 m / 650 feet of 1.5m tall offshore oil containment boom. It is also commonly matched with high speed oil containment systems. It offers a more economical and safer solution for maintaining sweeping operations over long periods of time. BoomVanes operate in water speeds ranging from 1 to 5 knots. As all BoomVane models are self-balancing, no adjustments or trimming is required.



2m BOOMVANE™

The **ELASTEC 2m BoomVane™** is the largest Vane we offer. Capable of towing offshore booms, this robust device has also been tested in Arctic conditions. Response organizations in Norway have harnessed the power of the 2m BoomVane to handle offshore dispersant spraying systems.



CURTAIN BOOM

Elastec's Floating Barrier Division (formerly American Marine) was established in 1967 manufacturing booms and barriers. We now produce a wide range of curtain booms for oil spill response and surface containment.

Our foam filled curtain booms are offered in multiple sizes for small waterways up to large offshore scenarios. Fitted with cylindrical closed cell flotation and a galvanized ballast chain, they are offered in a choice of fabrics. A top cable for added strength is optional. Elastec booms conform to ASTM standards and United States CFR requirements according to bodies of water.

A full range of accessories facilitate deployment, storage, mooring and maintenance.



SuperStream

SuperSwamp

Simplex



OptiMax

SuperMax

Model	Height	Freeboard	Draft	Weight
SuperStream	8 inch / 200 mm	3 inch / 76 mm	5 inch / 120 mm	0.5 lb/ft / 0.74 kg/m
SuperSwamp	10 inch / 250 mm	4 inch / 100 mm	6 inch / 150 mm	0.8 lb/ft / 1.1 kg/m
SwiftWater	10 inch / 250 mm	4 inch / 100 mm	6 inch / 150 mm	0.8 lb/ft / 1.1 kg/m
Simplex	12 inch / 300 mm	6 inch / 150 mm	6 inch / 150 mm	1.68 lb/ft / 2.49 kg/m
	18 inch / 460 mm	6 inch / 150 mm	12 inch / 300 mm	1.7 lb/ft / 2.5 kg/m
	20 inch / 500 mm	8 inch / 200 mm	12 inch / 300 mm	1.8 lb/ft / 2.67 kg/m
	24 inch / 610 mm	10 inch / 250 mm	14 inch / 360 mm	2.2 lb/ft / 3.3 kg/m
OptiMax I	13 in ch/ 330 mm	7 inch / 180 mm	6 inch / 150 mm	2.2 lb/ft / 3.3 kg/m
	19 inch / 480 mm	7 inch / 180 mm	12 inch/ 300 mm	2.3 lb/ft / 3.4 kg/m
OptiMax II	14 inch / 350 mm	8 inch / 200 mm	6 inch/ 150 mm	2.3 lb/ft / 3.4 kg/m
	20 inch / 500 mm	8 inch / 200 mm	12 inch / 300 mm	2.4 lb/ft / 3.6 kg/m
SuperMax I	36 inch / 910 mm	12 inch / 300 mm	24 inch / 610 mm	2.9 lb/ft / 4.4 kg/m
SuperMax II	42 in ch/ 1,060 mm	15 inch / 380 mm	27 inch / 680 mm	4.3 lb/ft / 6.3 kg/m

Bottom Tension	Top Tension	Actual Breaking Strength
3/16 inch / 5 mm Galv. Steel Chain	N/A	1,800 lb / 818 kg
3/16 inch / 5 mm Galv. Steel Chain	N/A	1,800 lb / 818 kg
3/16 inch / 5 mm Galv. Steel Chain	3/16 inch/ 5 mm Cable	5,800 lb / 2,630 kg
1/4 inch / 6 mm Galv. Steel Chain	N/A	5,000 lb / 2,273 kg
1/4 inch / 6 mm Galv. Steel Chain	N/A	5,000 lb / 2,273 kg
1/4 inch / 6 mm Galv. Steel Chain	N/A	5,000 lb / 2,273 kg
5/16 inch / 8 mm Galv. Steel Chain	N/A	5,000 lb / 2,273 kg
5/16 inch / 8 mm Galv. Steel Chain	5/16 inch / 8 mm Galv. Cable	6,400 lb / 2,900 kg
5/16 inch / 8 mm Galv. Steel Chain	5/16 inch / 8 mm Galv. Cable	6,400 lb / 2,900 kg
5/16 inch / 8 mm Galv. Steel Chain	1/4 inch / 6 mm Stainless Cable	6,400 lb / 2.900 kg
5/16 inch / 8 mm Galv. Steel Chain	1/4 inch / 6 mm Stainless Cable	6,400 lb / 2.900 kg
3/8 inch / 10 mm Galv. Steel Chain	Optional	12,500 lb / 5,669 kg
1/2 inch / 12 mm Galv. Steel Chain	5/16 inch / 8 mm Stainless Cable	16,500 lb / 7,500 kg

FENCE BOOM

Elastec MaxiMax and MiniMax oil spill fence booms are offered in a variety of sizes for rapid deployment from boom reels, racks or pallets. This oil and debris barrier is typically used for deployment in ports and harbors for surrounding vessels or protecting resources. The construction incorporates top and bottom tension members (cable on top and chain on bottom).



MaxiMax



Model	Height	Freeboard	Draft	Weight
EconoMax	16 inch / 400 mm	6 inch / 150 mm	10 inch / 250 mm	1.2 lb / ft / 1.8 kg/m
MiniMax	17 inch / 430 mm	6 inch / 150 mm	11 inch / 280 mm	1.2 lb/ft / 1.8 kg/m
MaxiMax	25 inch / 635 mm	8 inch / 200 mm	17 inch / 430 mm	2.2 lb/ft / 3.3 kg/m
	30 inch / 760 mm	10 inch / 250 mm	20 inch / 510 mm	2.6 lb/ft / 3.9 kg/m
	36 inch / 910 mm	11 inch / 280 mm	25 inch / 635 mm	2.8 lb/ft / 4.2 kg/m
	42 inch / 1,060 mm	15 inch / 380 mm	27 inch / 680 mm	5 lb/ft / 7.5 kg/m
	44 inch / 1,100 mm	15.75 inch / 400 mm	27.5 inch / 700 mm	5 lb/ft / 7.5 kg/m

Bottom Tension	Top Tension	Actual Breaking Strength
3/16 inch / 5 mm Galv. Steel Chain	N/A	1,800 lb / 818 kg
3/16 inch / 5 mm Galv. Steel Chain	3/16 inch / 5 mm Galv. Steel Chain	6,400 lb / 2,909 kg
3/8 inch / 10 mm Galv. Steel Chain	1/4 inch / 6 mm Stainless Cable	6,400 lb / 2,909 kg
3/8 inch / 10 mm Galv. Steel Chain	1/4 inch / 6 mm Stainless Cable	6,400 lb / 2,909 kg
3/8 inch / 10 mm Galv. Steel Chain	1/4 inch / 6 mm Stainless Cable	12,500 lb / 5,669 kg
1/2 inch / 12 mm Galv. Steel Chain	5/16 inch / 8 mm Stainless Cable	16,500 lb / 7,500 kg
1/2 inch / 12 mm Galv. Steel Chain	5/16 inch / 8 mm Stainless Cable	16,500 lb / 7,500 kg



AIRMAX INFLATABLE BOOM

ELASTEC AirMax is a versatile, inflatable oil containment boom manufactured from high quality Urethane fabric. Optional foam panels in the air chambers provide added integrity. AirMax booms are compact and quick to deploy, and they are offered in a range of sizes to suit water conditions. This boom features a high buoyancy-to-weight ratio that delivers excellent wave conformance and oil retention. Elastec offers a full range of boom reels that can be delivered for all sizes of AirMax boom. These reels are available mounted on trailers or in storage containers.

*Custom lengths available on request.

Model	Connector Height	Operational Height	Freeboard	Draft
River	17.5 inch / 44 cm	16 inch / 40 cm	8 inch / 20 cm	8 inch / 20 cm
Harbor	24 inch / 61 cm	22 inch / 56 cm	8 inch / 20 cm	14 inch / 35 cm
Nearshore	38 inch / 96 cm	32 inch / 81 cm	14 inch / 35 cm	18 inch / 46 cm
Offshore	50 inch / 127 cm	43 inch / 110 cm	18 inch / 46 cm	25 inch / 64 cm
Open Water	57 inch / 144 cm	48 inch / 122 cm	20 inch / 51 cm	28 inch / 71 cm
Deep Sea	75 inch / 1.9 cm	64 inch / 163 cm	24 inch / 61 cm	40 inch / 101 cm



Section Length	Bottom Tension	Weight
50 ft / 15 m	5/16 inch / 8 mm Galv. Chain	1.56 lb/ft / 2.3 kg/m
100 ft / 30 m*	5/16 inch / 8 mm Galv. Chain	1.85 lb/ft / 2.75 kg/m
100 ft / 30 m*	3/8 inch / 9.5 mm Galv. Chain	2.75 lb/ft / 4.1 kg/m
100 ft / 30 m*	1/2 inch / 12.7 mm Galv. Chain	4.25 lb/ft / 6.3 kg/m
100 ft / 30 m*	1/2 inch / 12.7 mm Galv. Chain	4.45 lb/ft / 6.6 kg/m
100 ft / 30 m*	1/2 inch / 12.7 mm Galv. Chain	4.9 lb/ft / 7.3 kg/m

AIRMAX V-SWEEP

ELASTEC AirMax V-Sweep allows single vessels to conduct sweeping operations. An optional outrigger arm mounted to the ship that holds one end of the sweep open. An oil skimmer can be placed inside the apex of the boom. The V-Sweep can be supplied in Urethane fabric or rubber (see RubberMax V-Sweep).



RUBBERMAX INFLATABLE BOOM

ELASTEC RubberMax oil containment boom is produced with the latest materials and techniques. The materials have been extensively tested according to ASTM and military standards, including puncture and abrasion resistance, as well as tear and tensile strength. The construction has two plies of polyester reinforcing fabric coated in synthetic rubber with compounds which are resistant to the elements and oil. RubberMax is designed with a high buoyancy-to-weight ratio, providing the boom with excellent wave riding and oil retention characteristics. It lies flat when stowed, optimizing storage space.

Model	Connector Height	Operational Height	Freeboard	Draft
1000	39 inch / 100 cm	31 inch / 79 cm	14 inch / 36 cm	17 inch / 43 cm
1300	51 inch / 130 cm	43 inch / 110 cm	17 inch / 44 cm	26 inch / 66 cm
1500	59 inch / 150 cm	47 inch / 120 cm	20 inch / 50 cm	28 inch / 70 cm
1800	71 inch / 180 cm	59 inch / 150 cm	24 inch / 60 cm	35 inch / 90 cm



Bottom Tension	Weight
Galv. Steel Chain	4.4 lb/ft / 6.6 kg/m
Galv. Steel Chain	6.0 lb/ft / 8.9 kg/m
Galv. Steel Chain	6.7 lb/ft / 9.9 kg/m
Galv. Steel Chain	9.1 lb/ft / 13.6 kg/m

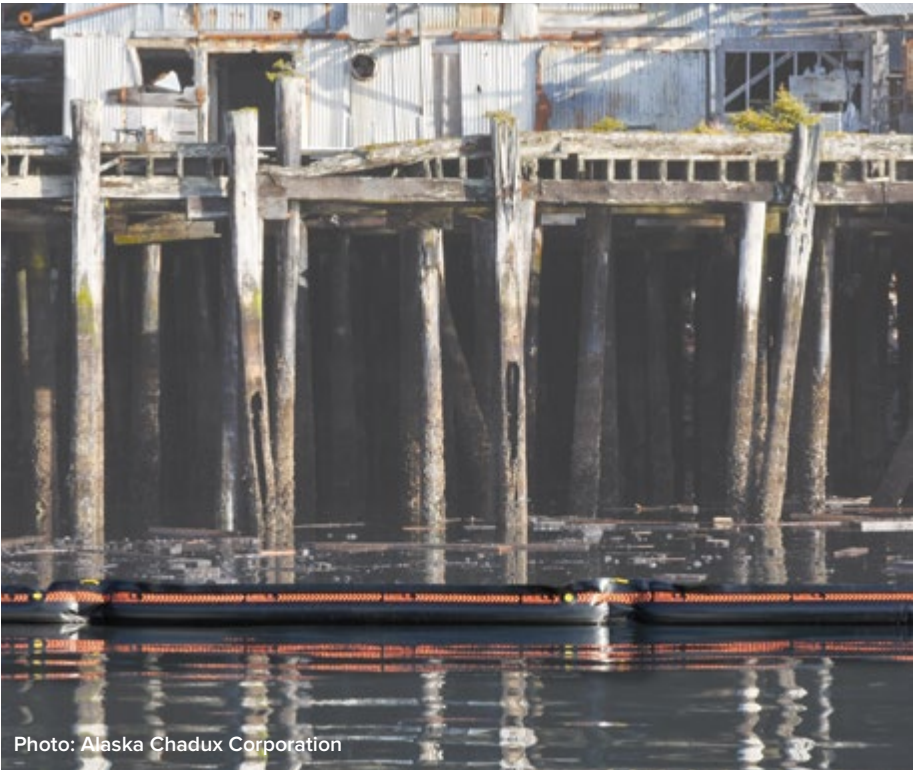


Photo: Alaska Chadux Corporation

RUBBERMAX V-SWEEP

ELASTEC RubberMax V-Sweep is an inflatable rubber boom system for sweeping oil with a single vessel. An optional outrigger arm holds one end of the sweep open in a side sweep arrangement. The boom geometry is held in a V configuration to form a pocket of oil that can be recovered by most oil skimmers.





BOOM REELS

ELASTEC Boom Reels greatly assist the deployment and recovery of containment boom with minimal manpower. Long lengths of boom can be quickly deployed and recovered. Most of our reels have the ability to free-wheel to speed up deployment or in case of power failure. Trailer mounted reels can be towed on and off-road between deployment and storage sites.



Boom reels may be hydraulic or manually operated and are suitable for both inflatable boom and some models of foam flotation boom.

Elastec reels are thoroughly tested for load bearing performance. These reels can be supplied with aluminum or steel spool, with or without brakes and controls. They may also be fitted with guide rollers to help distribute the boom on the spool.

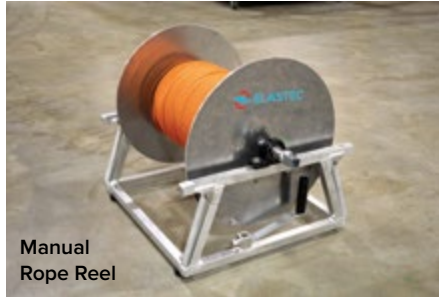
The reel can be mounted on a trailer for added mobility and fitted with road lights, brakes, and stabilizers for deployment. Elastec manufactures boom reels according to U.S. Navy specifications.



Galvanized Reel



Manual Reel



Manual
Rope Reel



The **ELASTEC Hose Reel** features an internal coupling system allowing you to operate without unwinding the entire hose.



ELASTEC Boom Reels can be designed to fit inside shipping containers for storage and rapid deployment.

BOOM REEL ACCESSORIES



CONTROL STANDS & BLOWERS

Elastec manufactures **boom reel control stands** which can include **high power blowers** for inflating booms. **Backpack blowers** and high power blowers are also available without a control stand system.



DIESEL POWER PACKS

The **ELASTEC D9** is a compact portable diesel driven hydraulic power pack for operating a boom reel fitted with controls. A hydraulic tank is incorporated within the roll cage frame along with level / temperature gauge, filter and filler/strainer. Larger power packs are available for running hydraulically driven air blower and reel combinations.



ELECTRIC POWER PACKS

Elastec offers compact **electric hydraulic power packs** for operating a boom reel installed on jetties or piers. Stainless steel or painted steel frames can be fitted with a choice of electric motors.



PERMAFENCE

ELASTEC PermaFence contains or excludes floating materials such as oil, weeds and trash. It is capable of withstanding long-term deployment in arduous conditions. The foam filled HDPE floats are very durable and can be easily removed from the heavy-duty belt for cleaning. PermaFence is supplied in different sizes and section lengths to suit the application or installation. A choice of belt fabrics is available, along with a range of accessories such as tidal compensators.

Height	Freeboard	Draft
18 inch / 0.46 m	8 inch / 0.2 m	10 inch / 25 cm
24 inch / 0.61 m	10 inch / 0.25 m	14 inch / 36 cm
36 inch / 0.91 m	12 inch / 0.3	24 inch / 61 cm
Algaecide Treated Belting Fabric (options available)		
High Impact Resistant HD Polyethylene Floats		
Block Weight Ballast		



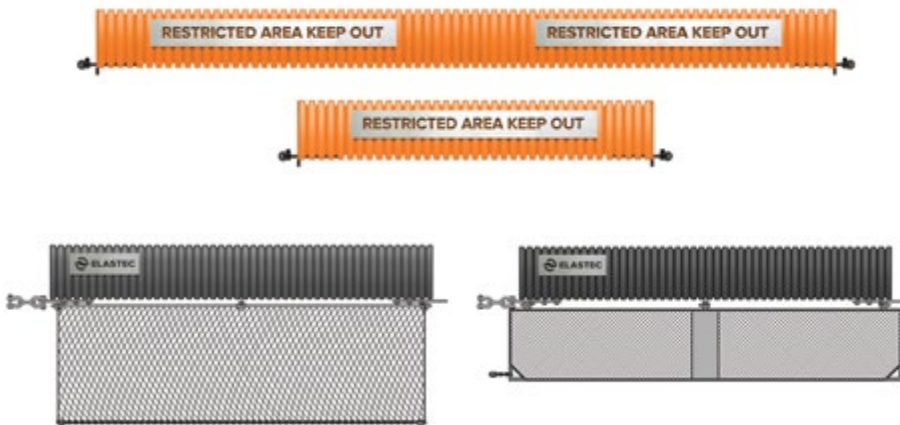
CUSTOM CONTAINMENT

Elastec can manufacture a custom boom, barrier or curtain from geosynthetic materials. Whether it's aquatic harvesting, floating trash and debris, silt and sediment, oil spills or surface water pollution issues, our custom booms are designed with an emphasis on improving water quality through the reduction and control of pollutants.





BRUTE BOOM HEAVY DUTY CONTAINMENT BOOM



The **ELASTEC Brute Boom** is a heavy duty boom capable of containing trash, logs and large floating debris, as well as providing marine demarcation. Brute Boom can be deployed in rivers, reservoirs, oceans and lakes. It also performs well in fast waters.

This boom can be fitted with an optional hot dip galvanized steel skirt underneath for added protection and containment. Brute Boom is available in 10 ft / 3 m and 20 ft / 6 m sections. Standard color is black. Other colors are available with a minimum quantity order requirement.



BRUTE BIN 613

The **ELASTEC Brute Bin 613** captures floatables from stormwater conveyances and outfalls before they reach our waterways. It features a 613 cubic feet collection basket.



BRUTE BRIDGE

The **ELASTEC Brute Bridge** utilizes the high buoyancy of the Brute Boom to create a working platform and access walkway while also creating a containment barrier.



BRUTE BIN 64

The **ELASTEC Brute Bin 64** is a smaller trash and debris collection system that features a 64 cubic feet collection basket.



TURBIDITY CURTAINS

Turbidity curtains, silt curtains, silt screens, silt barriers, or turbidity barriers, as they are sometimes called, are floating barriers used in marine construction, dredging, and remediation projects to control the silt and sediment in a body of water. **ELASTEC Turbidity Curtains** can be set up to keep construction areas in compliance and protect the environment. American Marine, a division of Elastec, has been manufacturing quality turbidity curtains since 1967.

TYPE I

For use in inland waterways, **ELASTEC Type I Stillwater Screen** is specifically manufactured for turbidity control in calm conditions. Stillwater Screen is offered with impermeable and permeable options.

Fabric:	18 oz. Vinyl Laminated Fabric
Float Size:	6, 8, 12 inch / 15, 20, 30 cm
Net Buoyancy:	13, 21, 52 lb/ft / 19, 31, 77 kg/m
Load Components:	5,000 lb Galv. Steel Chain
Ballast:	1/4 inch / 6 mm Galv. Chain
Depth:	3-30 ft / 1-9 m
Length:	100 ft / 30 m

TYPE II

ELASTEC Type II Fastwater Screen is a durable premium curtain for rivers, streams and lakes where moving water, winds and waves are present.

Fabric:	22 oz. Vinyl Coated Fabric
Float Size:	8, 12 inch / 20, 30 cm
Net Buoyancy:	21, 52 lb/ft / 31, 77 kg/m
Load Components:	9,800 lb Galv. Steel Cable 7,600 lb Galv. Chain
Ballast:	5/16 inch / 8 mm Galv. Chain
Depth:	3-30 ft / 1-9 m
Length:	100 ft / 30 m

TYPE III

If the project requires a deep curtain for difficult conditions and flows, **ELASTEC Type III Ruffwater Screen** is the barrier of choice.

Fabric:	22 oz. Vinyl Coated Fabric
Float Size:	12 inches / 30 cm
Net Buoyancy:	52 lb/ft / 77 kg/m
Load Components:	Two 9,800 lb Galv. Steel Cables 10,600 Galv. Chain
Ballast:	3/8 inch / 10 mm Galv. Chain
Depth:	3-30 ft / 1-9 m
Length:	100 ft / 30 m



SILTMAX

ELASTEC SiltMax turbidity curtains are floating barriers designed to control sediment and runoff at construction sites. SiltMax silt curtains are designed for easy deployment and meet the requirements of the U.S. Clean Water Act (National Pollutant Discharge Elimination System (NPDES) Phase II).

- Dredging Operations
- Marine Construction
- Remediation Projects
- Intake / Outflow Protection
- Fish Screens
- Pollution Control Curtains

SILTMAX I ECONOMY

For calm water, short duration use in canal, ponds, and reservoirs, the **SiltMax Type I Economy** silt curtain is compact for easy storage, very affordable, and can work with any project budget. SiltMax I Economy has an impermeable construction and works well to contain the silt and turbidity from near-shore projects.

Fabric:	Reinforced PVC Coated Rip-Stop Fabric
Float Size:	6 inch square EPS marine quality
Net Buoyancy:	6 inch / 15 cm - 13 lb/ft / 19.2 kg/m
Load Components:	3,000 lb Galv. Steel Chain
Ballast:	0.41 lb per foot Galv. Chain
Depth:	5ft / 1.5 m (custom depths available)
Length:	100 ft / 30 m or 50 ft / 15 m

SILTMAX I DOT

For use in inland waterways, the **SiltMax Type I DOT Turbidity Curtain** is specifically manufactured to meet and exceed U.S. Department of Transportation (DOT) and other regulatory requirements for silt control in Type I calm conditions. SiltMax Type I DOT is offered with impermeable and permeable options.

Fabric:	18 oz. Vinyl Laminated Fabric
Float Size:	6 inch / 15 cm Square EPS Marine Quality
Net Buoyancy:	6 inch / 15 cm - 13 lb/ft / 19.2 kg/m
Load Components:	5,000 lb Galv. Steel Chain
Ballast:	0.72 lb per foot Galv. Chain
Depth:	5ft / 1.5 m (custom depths available)
Length:	100 ft / 30 m or 50 ft / 15 m

SILTMAX II DOT

Suitable for mild currents, waves, and wind the **SiltMax Type II DOT Turbidity Curtain** is designed for rapid deployment, fast storage and handling. It is also appropriate for most regulated applications. SiltMax Type II DOT barrier is offered with impermeable and permeable options.

Fabric:	18 oz. Vinyl PVC
Float Size:	6 inch / 15 cm Square EPS Marine Quality
Net Buoyancy:	6 inch / 15 cm - 13 lb/ft / 19.2 kg/m
Load Components:	9,800 lb Galv. Steel Cable 7,600 lb Galv. Steel Chain
Ballast:	1.06 lb per foot Galv. Chain
Depth:	5ft / 1.5 m (custom depths available)
Length:	100 ft / 30 m or 50 ft / 15 m

SILTMAX III DOT

Suitable for use in tidal zones, rivers, and bays, **SiltMax Type III DOT Turbidity Curtain** is designed for rapid deployment and is engineered for medium flows. This curtain is permeable to allow water flow while retaining the silt and sediment.

Fabric:	18 oz. Vinyl PVC
Float Size:	6 inch / 15 cm Square EPS Marine Quality
Net Buoyancy:	6 inch / 15 cm - 13 lb/ft / 19.2 kg/m
Load Components:	9,800 lb Galv. Steel Cable 7,600 lb Galv. Steel Chain
Ballast:	5/16 inch Galv. Chain
Depth:	5ft / 1.5 m (custom depths available)
Length:	100 ft / 30 m or 50 ft / 15 m



BAFFLES

ELASTEC Baffle Systems slow the flow of wastewater in treatment lagoons to allow more time for sediment fall-out. Baffles are manufactured in lengths up to 2,500 ft / 762 m to reduce on-site assembly time. The float and underwater tension cable are completely enclosed for strength and wind resistance. All seams are thermal dielectric welded, eliminating the vulnerabilities of stitching. Reinforced flow-through windows are incorporated to accommodate varying flow rates.



BEACH BOUNCER

ELASTEC Beach Bouncer is a mesh-skirted deflection boom designed to keep Sargassum seaweed and other invasive macroalgae (seaweeds) from reaching commercial beaches. It features a stainless steel load carrying cable above and below the flotation and a heavy galvanized chain ballast at the bottom of the skirt.



MOORING ACCESSORIES

Elastec offers many accessories for mooring or installing booms to piles, quay sides and docks.



Pile Slider (Buoy)



Pile Tether



Boom Standoff



Tidal Compensator

ANCHOR SYSTEMS

Elastec offers multiple styles of anchor systems, including: Danforth, TerraTwist and Rock Rake.



Danforth Anchor Kit



TerraTwist



Rock Rake

BOOM ACCESSORIES



Tow Bridle with Bullet Float



Three Way Connector



Tow Bridle with Bullet Float

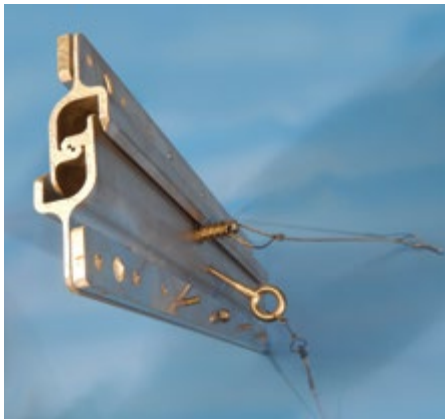


Magnetic Hull Connector



Tidal Compensator

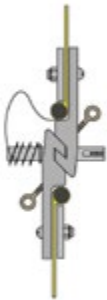
ADDITIONAL BOOM ACCESSORIES



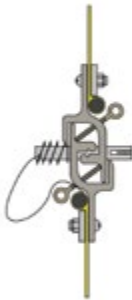
ASTM Connectors



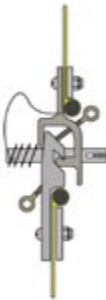
Grapple Hook



ASTM "Z" Connector



Mini Slide Connector



Mini Slide & "Z" Connector



Fabric Repair Kit



X150 ADVANCING GROOVED DISC SKIMMER

The **ELASTEC X150** is an advancing Grooved Disc skimmer that features the breakthrough oil skimming technology of our 64-disc prototype that won the Wendy Schmidt Oil Cleanup X CHALLENGE by recovering 4,670 gallons of oil per minute.

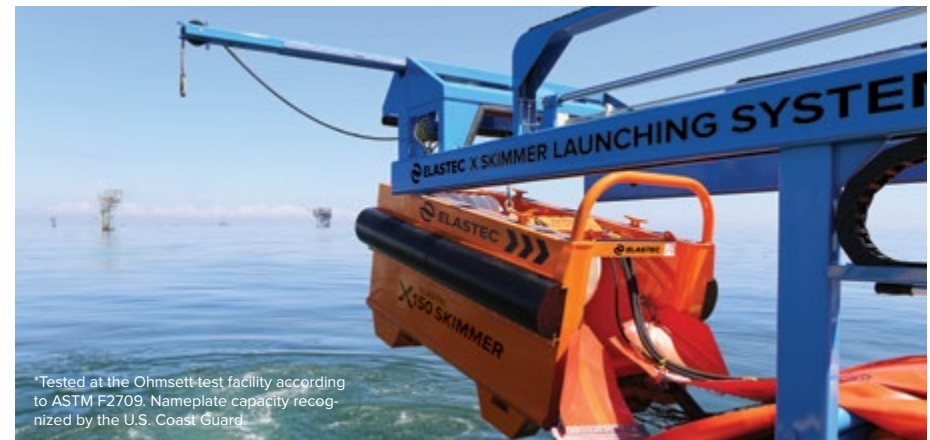


672 gpm / 152 m³/h
1,341 lb / 608 kg
108 x 59 x 55 inch / 2.74 x 1.50 x 1.4 m
Coastal, Offshore



X150 LAUNCHING SYSTEM

The **ELASTEC X150 Skimmer Launching System** combines the X150 Grooved Disc Skimmer, power pack, boom reel, hoses and BoomVane™ and is packaged to fit into a 20 ft container for rapid global shipment.



*Tested at the Ohmsett-test facility according to ASTM F2709. Nameplate capacity recognized by the U.S. Coast Guard.



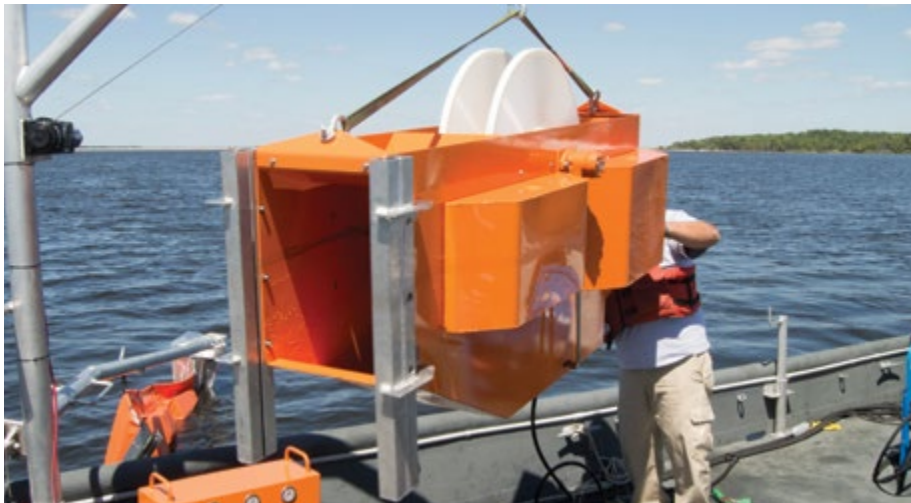
X30 GROOVED DISC SKIMMER

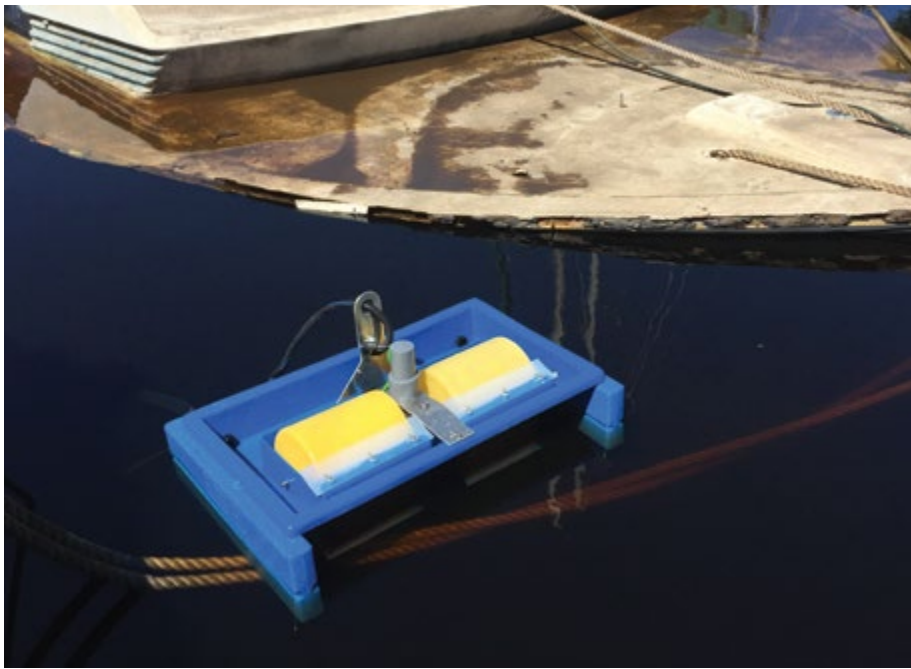
The **ELASTEC X30 Grooved Disc Skimmer** features twin discs in a module that can be incorporated into a bow or over-the-side sweep system. Skimmed oil may be contained in on-board tanks or towed in an ELASTEC Towable Bladder. The X30 has been validated at Ohmsett.



X30 CASSETTE

The **ELASTEC X30 CASSETTE** skimming system utilizes the latest Grooved Discs (patented) for recovering oil from the surface of the water. The X30 cassette fits into skimming vessels equipped with side channel collecting chambers and is interchangeable with a Kvichak/Marco Filterbelt.





12V MINI DRUM SKIMMER

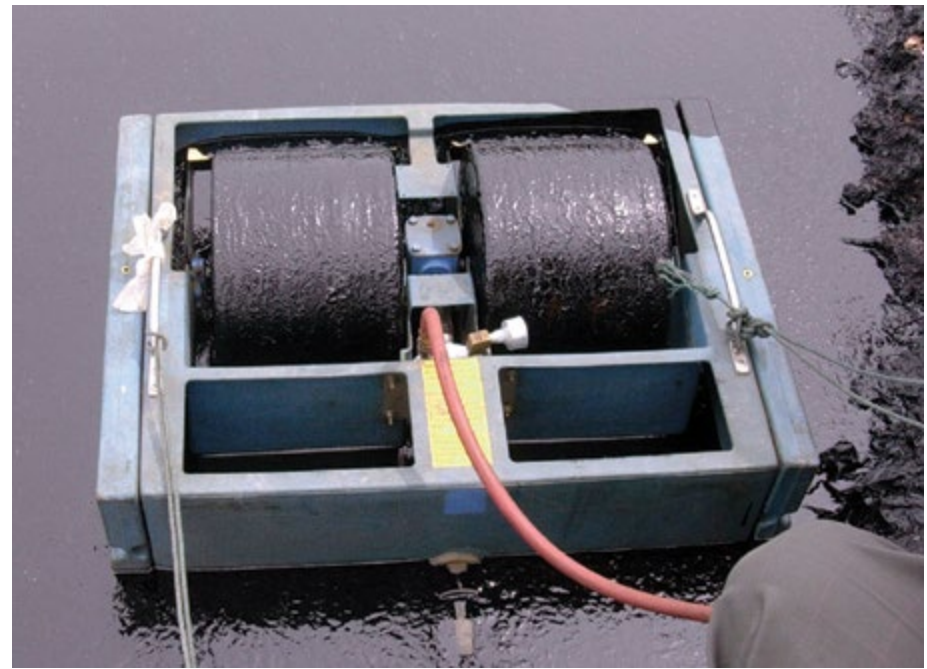
Variable Recovery Rate

12 lb / 5.4 kg

26 x 17 x 12 inch / 0.66 x 0.43 x 0.3 m

Industrial and Inland

The **ELASTEC 12V Mini Drum Skimmer** is a small and lightweight oil skimmer for industrial applications or small inland spills. Powered by a 12V DC motor, it can run for long periods from a standard car battery or continuous 110 / 220v power supply.



MINIMAX DRUM SKIMMER

20 gpm / 5 m³h

50 lb / 23 kg

42 x 28 x 14 inch / 1.07 x 0.71 x 0.36 m

Industrial and Inland

The **ELASTEC MiniMax Drum Skimmer** is manufactured in HDPE, making it resistant to many chemicals found in industrial pits, sumps, separators and tanks. Special versions are available for high temperature and highly acidic environments.



Hydraulic System Shown with E150 Pump



TDS118 DRUM SKIMMER

90 gpm / 20 m³h*

83 lb / 37.6 kg

53 x 41 x 18 inch / 1.33 x 1.02 x 0.46 m

Industrial, Inland, Harbor

Smooth or Grooved Drums

The **ELASTEC TDS118 Drum Skimmer** is available in pneumatic or hydraulic drive for oil spill response or industrial use. Due to its shallow draft and light weight, this practical skimmer is ideal for cleanup in creeks, rivers and lakes. Brush and Disc versions are available.

*Certified nameplate capacity verified by U.S. Coast Guard at Ohmsett test facility according to ASTM F2709.



TDS136 DRUM SKIMMER

170 gpm / 38 m³h*

135 lb / 61 kg

92 x 42 x 18 inch / 2.34 x 1.07 x 0.46 m

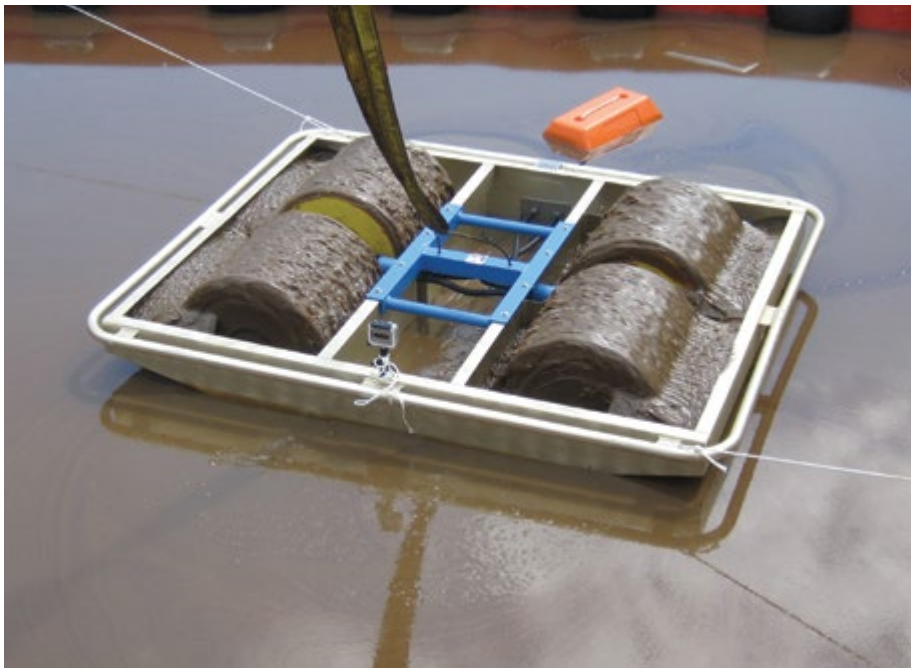
Industrial, Inland, Harbor, Coastal

Smooth or Grooved Drums

The **ELASTEC TDS136 Drum Skimmer** is widely used in continuous duty industrial applications, as well as near shore response. This lightweight skimmer mixes high recovery rates with portability as it can be easily handled by two people.

*Certified nameplate capacity verified by U.S. Coast Guard at Ohmsett test facility according to ASTM F2709.





MAGNUM 100

251 gpm / 56 m³h*

202 lb / 92 kg

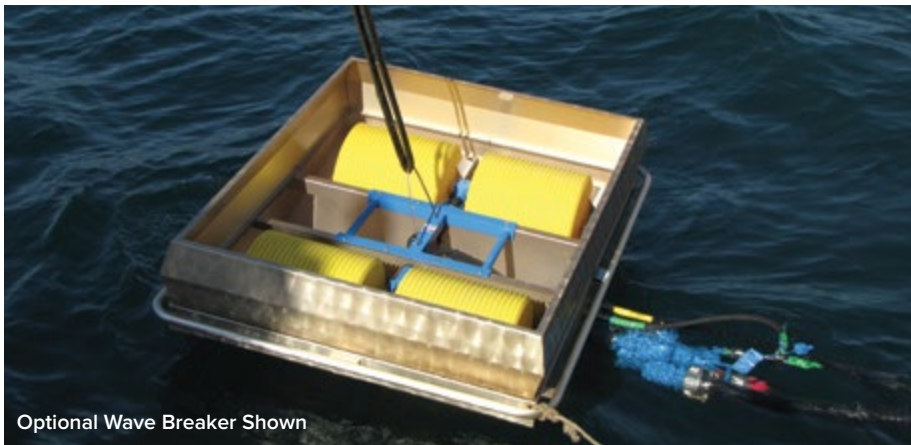
71 x 57 x 26 inch / 1.80 x 1.77 x 0.66 m

Industrial, Harbor, Coastal

Smooth or Grooved Drums

The **ELASTEC Magnum 100 Drum Skimmer** is suited for larger spills in inland and coastal waters. The four drums provide more stability in open water, while an optional Wave Breaker increases the freeboard. Steam coils can be fitted for cold environments.

*Certified nameplate capacity verified by U.S. Coast Guard at Ohmsett test facility according to ASTM F2709.



Optional Wave Breaker Shown



MAGNUM 200

356 gpm / 81 m³h*

300 lb / 136 kg

71 x 97 x 26 inch / 1.80 x 2.50 x 0.70 m

Industrial, Coastal, Open Water

Smooth or Grooved Drums

The **ELASTEC Magnum 200 Drum Skimmer** can be deployed from boats for open water response. In the photo, a Wave Breaker is attached, which increases the freeboard of the skimmer.

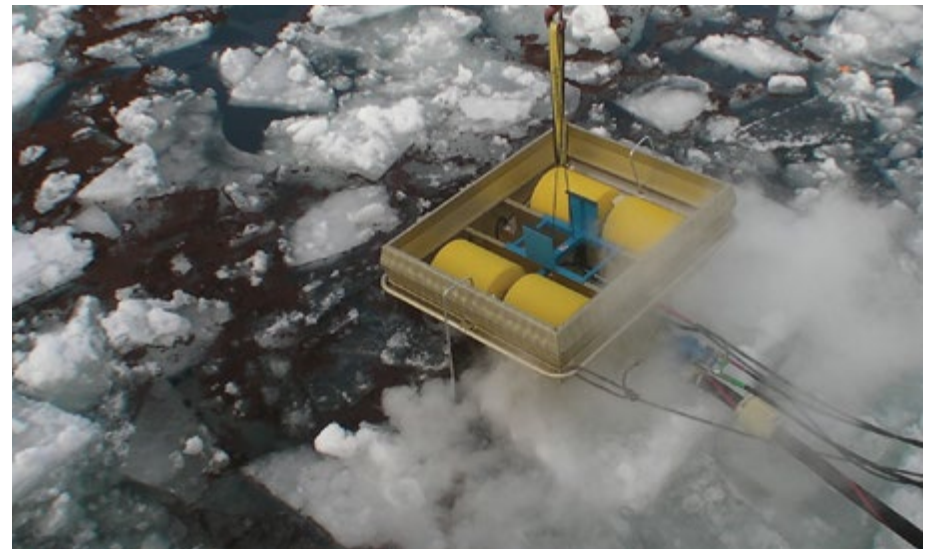
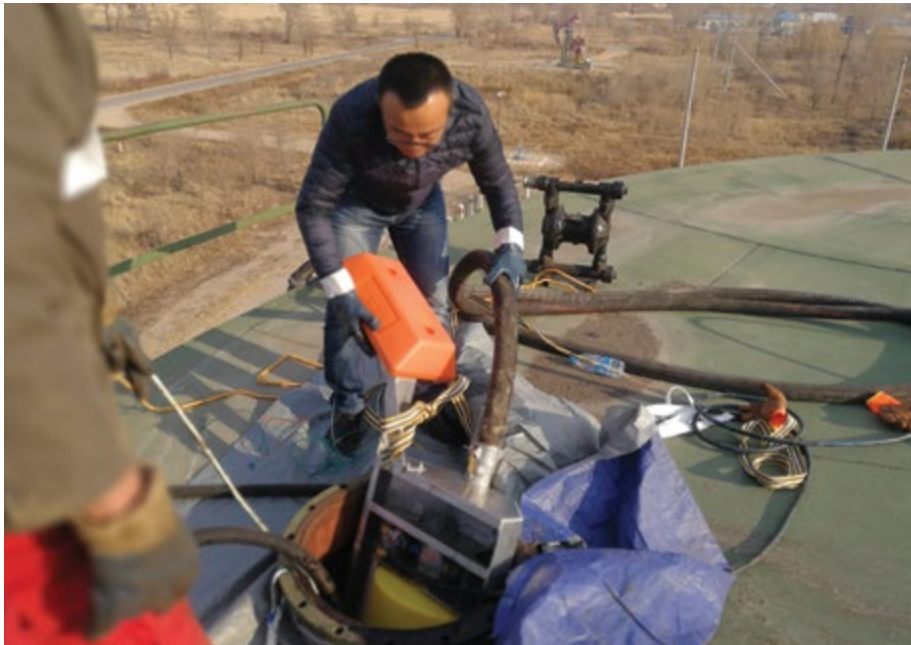
*Certified nameplate capacity verified by U.S. Coast Guard at Ohmsett test facility according to ASTM F2709.





HERMIT DRUM SKIMMER

The **ELASTEC Hermit Skimmer** is designed to fit inside tanks with small openings. This lightweight skimmer is capable of fitting through a 20 inch / 50 cm hatch in waste oil tanks, sumps or manholes. The pneumatic motor can be operated with a small compressor or plant air. Supplied with an optional air operated diaphragm pump, it can recover a wide range of oils. *Note: Not for hazardous locations.*



STEAM HEAT SYSTEMS

Our Drum Skimmers are available with a **Steam Heating System** for cold environments. Steam coils can be installed in the collection troughs on new or existing skimmers. The heat transferred by the steam helps the skimmer to function by melting the snow and ice surrounding the skimmer, allowing the oil to flow onto the collection drums. It also warms the oil that is being picked up, aiding the flow to the transfer pump and preventing the hoses from freezing.





Skimmer, Pump and Diesel Hydraulic Power Pack

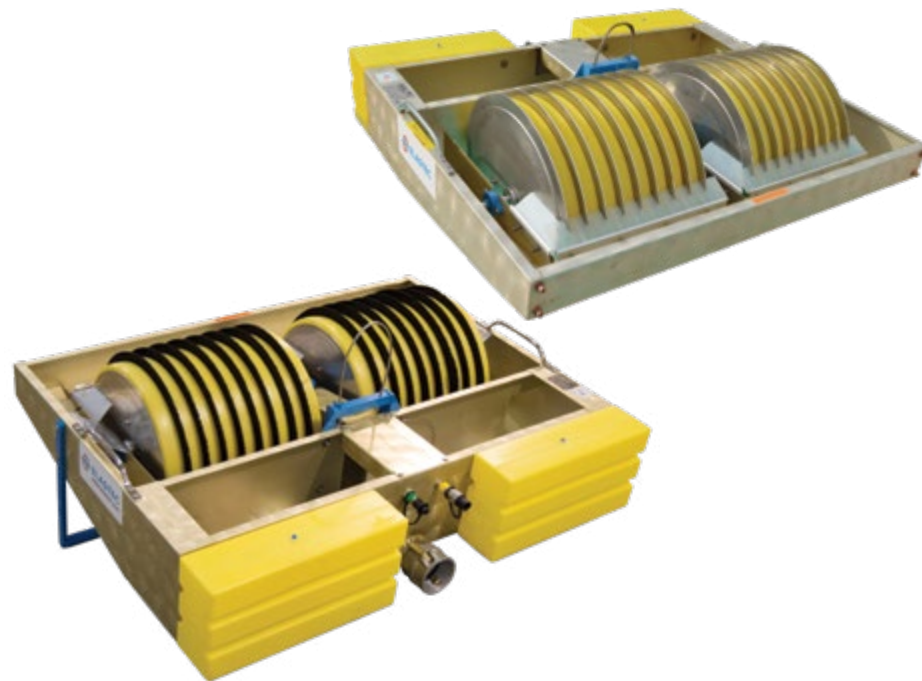
SKIMMER CONFIGURATIONS

Elastec can provide a full package of matched components - skimmer, pump and power pack. Alternatively, the skimmer head can be supplied alone - typically with a pneumatic drive. Elastec also offers a full range of pumps to match the application.

Pneumatic System



Pneumatic systems include an in-line oiler filter that is to be connected to an on-site air source. The oiler filter can operate the skimmer and pneumatic pump.



BRUSH & DISC (DRUM) SKIMMERS

Elastec offers a lineup of Disc and Brush inserts for our well-proven range of drum skimmers. These inserts represent patented technology that not only enhance recovery rates, but also expand the viscosity range that can be collected. All inserts retain the lightweight and shallow draft features of the skimmer head that is so popular with responders. Drum inserts are interchangeable in the field with minimal tools and effort.

Electric Hydraulic System



Electric hydraulic power packs draw power from an on-site electrical source to provide hydraulic power to the skimmer and pump.



SEASKATER WEIR SKIMMER

520 gpm / 118 m³h*
215 lb / 98 kg

90 inch diameter x 28 inch
2.28 m diameter x 0.71 m

The **ELASTEC SeaSkater Weir Skimmer** has large diameter floats to increase the water line beam, which offers responsiveness to wave movements. The high buoyancy-to-weight ratio limits drastic changes in draft due to skimmer loading. The unique aluminum frame is constructed to increase the impact resistance and strength of the skimmer.



OCEANSKATER WEIR SKIMMER

1,300 gpm / 300 m³h
413 lb / 187 kg

145 inch diameter x 40 inch
3.68 m diameter x 1.02 m

ELASTEC OceanSkater Weir Skimmer is a larger version of Elastec's proven SeaSkater system. Offering higher recovery rates within a lightweight and robust design, this skimmer is typically supplied as a system with a diesel hydraulic power pack, hoses and hose reel.



The **ELASTEC SeaSkater NP** is available without a pump for use with vacuum systems or a self priming external pump.





CIRCUS WEIR SKIMMER

The **ELASTEC Circus Weir Skimmer** is an in-line oil skimmer that is coupled with river boom. The skimmer has a circular chamber that accumulates and concentrates oil. Internally, the Circus can be fitted with either a weir or drum for oil removal.

Tested at Ohmsett, the Circus Skimmer recovered 90% oil at two knots of current.



Circus Skimmer with
Counter Rotating Drums and
E150 Pump



Circus Skimmer with
E150 Pump & Internal Weir



Circus Skimmer with Internal Weir



SHOVELHEAD SUCTION SKIMMER

Variable Recovery Rate
26 lb / 11.7 kg

47 x 28 inch
1.19 x 0.7 m

ELASTEC ShovelHead Suction Skimmer is a floating suction-head that can be attached to any suitable suction pump. The suction skimmer head is manufactured in molded polyethylene and can recover light oils or liquids from the water surface. The head has a draft of only 2 inches / 50 mm, enabling it to operate in very shallow water.

PELICAN WEIR SKIMMER

The **ELASTEC Pelican Weir Skimmer** is a self-adjusting weir skimmer. It can be used in a stationary mode or connected to river booms that will funnel oil to the skimmer entrance. The weir automatically adjusts to suction rate.

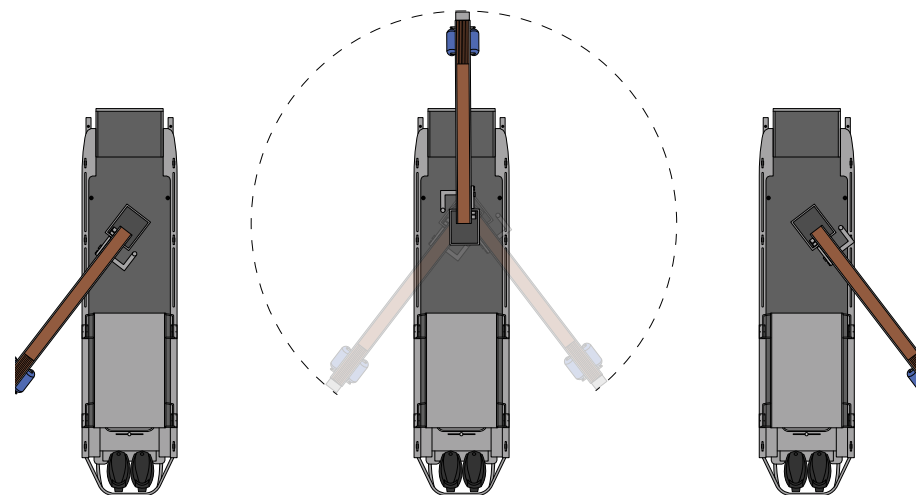




PORTABLE FILTERBELT SKIMMER

The **ELASTEC / MARCO Portable Filterbelt Skimmer** filters oil and debris from the water. The water passes through the belt while the oil is scraped into a sump hopper. Debris is manually collected in a separate container.

Marco Filterbelts are offered with multiple types of replaceable pads matched to the oil type to be collected. The pads adhere to the belt. Alternatively for heavy oil recovery, just the backing belt is used.





D22 with Magnum200



POWER PACKS

Elastec offers a wide range of **hydraulic power packs** to operate boom reels, oil skimmers and pumps. Power packs are available with either diesel or electric drive. We currently manufacture models from 3 hp / 2.2 kW to 100 hp / 74 kW with a choice of hydraulic pumps and controls.



Electric power packs are available with TEFC or explosion-proof motors and starters. Electric power packs can be matched to the electrical requirements of the installation.

The new D23S is fully enclosed for sound attenuation in a water-resistant body with swing-up side doors for maintenance access.

We also offer ATV tires and tracks for towing in remote locations.



D23S



D10



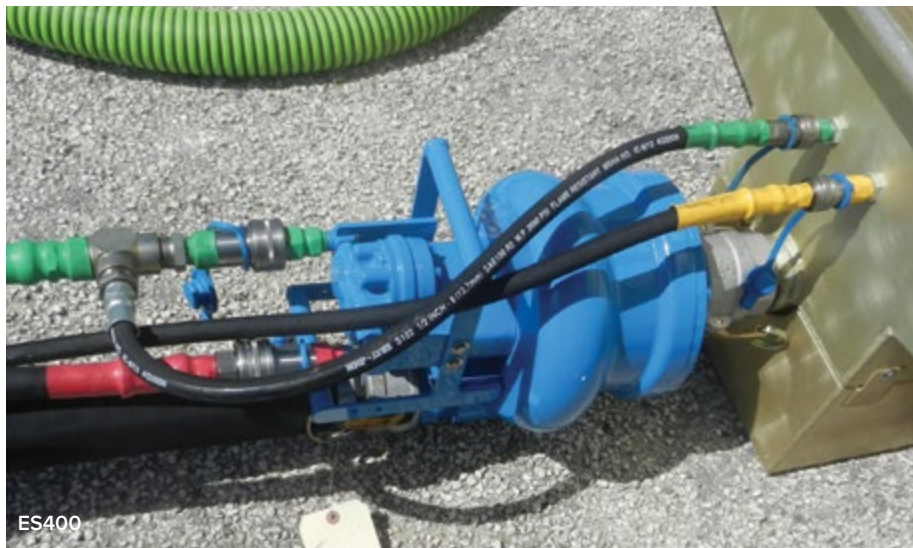
E10



D34



D22 with Optional Tracks



ES400



E600

High Capacity Water Pumps

PUMPS

Elastec offers a full range of pumps for use in oil spill and remediation projects plus general duties. Whether you are transferring water, collected oil, or a wide range of liquids, we can provide you with a pump that will fit your needs.

Submersible Pumps



E150



ES400



E370



Peristaltic Pumps



E16

Self-Priming Centrifugal Pumps



Lobe Pump



Diesel Diaphragm Pump



Pneumatic Diaphragm Pump



PACS 2000



PACS 770

PACS - TRAILER MOUNTED VACUUM SYSTEMS

ELASTEC PACS trailer mounted vacuum systems are designed for removing liquids, solids and sludge from land or water. Less expensive than vacuum trucks, PACS units are approved for highway towing. Models with integral hydraulics can run oil skimmers and pumps, as well as lift the tank vertically to dump contents.



Optional TDS118 Drum Skimmer Shown

Model	Tank Capacity	Engine	Vacuum Pump Type	Vacuum Pump Capacity
230	1,200 gal / 4,540 L	20 hp / 15 kW Gas	Air Cooled Vane	230 cfm / 6,500 lpm
286	800 gal / 3,028 L	24 hp / 18 kW Diesel	Air Cooled Vane	286 cfm / 8,000 lpm
339	1,000 gal / 3,785 L	17 hp / 13 kW Diesel	Air Cooled Blower	339 cfm / 10,200 lpm
332 ATEX	1,000 gal / 3,785 L	25 hp / 18 kW Diesel*	Air Cooled Vane**	332 cfm / 9,400 lpm
424	1,000 gal / 3,785 L	25 hp / 18 kW Diesel	Water Cooled Vane	424 cfm / 12,000 lpm
498	1,000 gal / 3,785 L	25 hp / 18 kW Diesel	Air Cooled Blower	498 cfm / 14,100 lpm
770	1,000 gal / 3,785 L	34 hp / 25 kW Diesel	Air Cooled Blower	770 cfm / 21,800 lpm
920	1,000 gal / 3,785 L	74 hp / 55 kW Diesel	Air Cooled Blower	920 cfm / 26,051 lpm
2000	1,000 gal / 3,785 L	118 hp / 88 kW Diesel	Air Cooled Blower	2,000 cfm / 56,633 lpm

*with spark arrestor and overspeed protection
**ATEX Certified

Skid mounted models available.



Optional ShovelHead Shown



ELECTRIC MINIVAC

The electrically driven **ELASTEC MiniVac** is a high-powered system that is skid mounted with fork pockets (optional wheels are available on request) that is designed for industrial locations where a power source is available. The electrically driven MiniVac vacuum system can recover a wide range of liquids, oils and sludge.

The vacuum pump quickly generates suction and high airflow, while liquids and solids are recovered into standard oil drums or our hopper device (optional extra.)



MINIVAC I

The **ELASTEC MiniVac I** is a portable vacuum system ideal for working in remote areas such as beaches, pipelines as well as industrial locations. Added to this package is a high pressure cold water washer capable of 1,000 psi for cleaning of machinery and surfaces.



MINIVAC II

The **ELASTEC MiniVac II** is a powerful, portable vacuum unit that can recover a wide range of liquids, oils and sludge with entrained solids up to 2 inch / 50 mm diameter. The diesel-driven high capacity pump quickly generates a vacuum inside standard drums using an ELASTEC DrumIt head. Also available is an optional hopper unit or 110 gallon / 400 litre tank.



MINIVAC III

The **ELASTEC MiniVac III** can generate high levels of air flow and vacuum due to the vane pump design, making it ideal for working in industrial locations. The vacuum can be applied to our optional Hopper system or alternative suitable vacuum vessels.



ALL TERRAIN VAC

The **ELASTEC All Terrain Vac** is a high powered vacuum system that is mounted on an ATV towable chassis. The unit is ideal for working in remote areas such as beaches, pipelines and industrial locations. The All Terrain Vac can recover a wide range of liquids, oils and sludge with solids up to 2 inch / 50 mm diameter.



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VACUUM ACCESSORIES

Above: The 110 gal / 378 L **ELASTEC All Terrain Vacuum Tank** features fully welded aluminum construction, full opening doors on both ends, two sight glasses for level indication and automatic shut-off with bypass valve to control the vacuum.

Below: **ELASTEC DrumIt** is a drum-top vacuum head that attaches to a 55 gallon drum allowing liquids and wet solids to be intercepted and stored. It features an automatic shut off and adjustable vacuum relief valve. A ball lifts in the sight glass to indicate when the drum is full. DrumIt fills each drum to a consistent level every time. Dry particulate filter head also available.

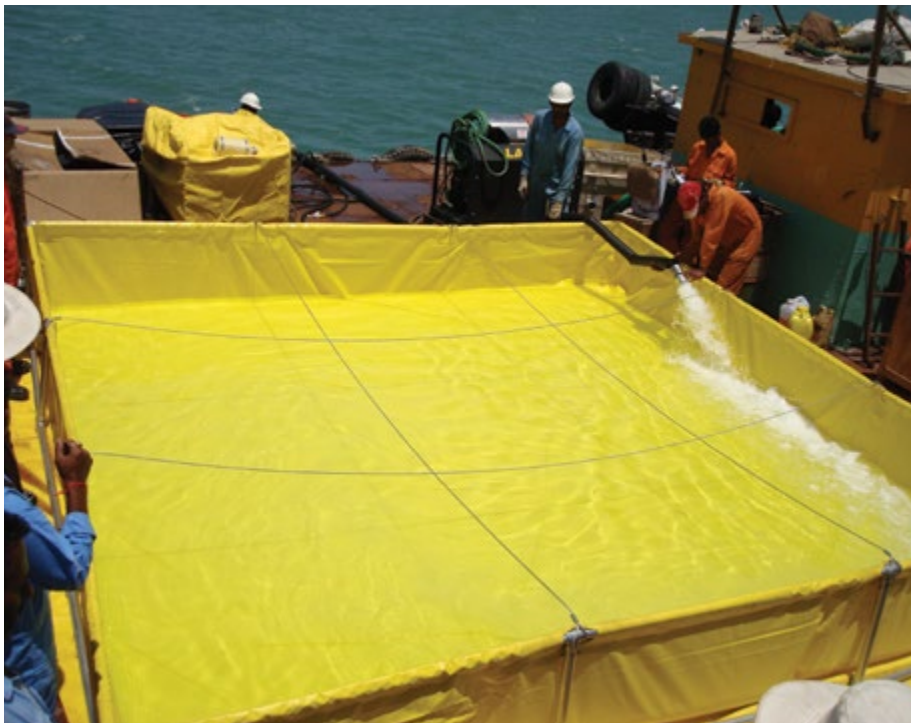


Above: The **ELASTEC Vacuum Hopper** includes automatic shut-off, full opening dump valve and retractable legs for easy transport and storage.

Bottom Left: The **Duck Bill Wand** can be used to suck up liquids from flat surfaces. The bill can be removed to provide a suction wand.

Bottom Right: The **ELASTEC Water Injector** is an in-line attachment that can be connected to a water hose to feed liquid into the contents being sucked up to help reduce dust.





QUICKTANK

ELASTEC QuickTank is an open liquid storage tank with a rigid aluminum frame that is designed for quick and easy assembly. A choice of fabrics and capacities ranging from 500 gal / 1.89 cu. m to 8,000 gal / 30 cu. m are available.



TOWABLE BLADDERS

ELASTEC Towable Bladders are temporary, collapsible liquid storage containers that can be used to store oil and other liquids on land or in water. Sizes ranging from 500 gal / 1,893 L to 3,500 gal / 13,249 L are available. They can be towed by boat, empty or full.



PILLOW TANKS

ELASTEC Pillow Tanks are collapsible containers that provide temporary, as well as long term, liquid storage. Pillow tanks are a cost-effective option for a variety of liquids including wastewater, fuels, consumables, potable (drinking) water, fruit juices, and oils.



DECK TANKS

The **ELASTEC Deck Tank** is erected with custom built legs and secured to the ship's deck with the ratchet strap system to suitable attachment points. The body of the tank is manufactured in a robust 32 oz. oil and chemical resistant Urethane fabric.



MEDIBURN

ELASTEC MediBurn is the safe and simple solution for the disposal of municipal and medical waste. An improved control system provides up to 50% more fuel savings. New safety features and multi-lingual displays are important enhancements for global use. The MediBurn destroys up to 66 lb/hr / 30 kg/hr of medical waste and is available in two sizes.

MediBurn is ready to use upon delivery with minimal training. It features easy to operate, state-of-the-art controls, automatic pre-set cycle control for startup and shutdown. Dual chamber combustion with high exhaust temperatures in excess of 1,832°F / 1,000°C ensure clean burning of materials.

MediBurn uses modulating burners and under-air technology to minimize fuel consumption. Simply connect the unit to a 220 volt power supply, fill the diesel tank, and the MediBurn is ready to use.



SMARTASH

ELASTEC SmartAsh Cyclonic Barrel Burner® is a portable, small-batch incinerator that meets U.S. EPA requirements for burning non-hazardous refuse. Load a 55 gallon / 208 litre open head steel drum, light the load, and clamp on the lid. A whirlwind of fire and intense heat is created inside the drum, burning refuse without smoke or smell. Once combustion is complete, only 3% ash remains.





DRUG TERMINATOR

ELASTEC Drug Terminator is used by law enforcement, military and medical facilities for the disposal of evidence drugs and take-back medicine programs. Drug Terminator is wood or charcoal-fired. Two high velocity electric blowers create a cyclone of intense heat, eliminating drugs almost immediately. The volume of material is reduced to an average of 3% ash. Non-combustible drug paraphernalia is sterilized by heat and can be disposed in municipal waste.



INCINERATOR ACCESSORIES



SmartHeat pulls cool air from inside the building, forces it through the exterior heat exchanger (located above SmartAsh), and returns heated air to assist in warming the facility. The super-heated air provides up to 400,000 Btu per hour of auxiliary "Free Heat".



The **Drug Take Back Box** is an accessory to accompany the Drug Terminator. It features a key locked deposit box, pad locked retrieval door and floor bolt anchor holes.



The **Document Burner** is an insert that fits into the drum of a SmartAsh. This insert insures complete incineration of paper products and important documents when no other high BTU material is added.



OilAway is an accessory for the SmartAsh Cyclonic Barrel Burner that injects waste oil into the barrel during the burn cycle. This allows the SmartAsh to burn "wet" loads typically not burnable. SmartAsh with the OilAway Attachment also eliminates waste oil at rates up to 6 gal/hr / 23 litre/hr.



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