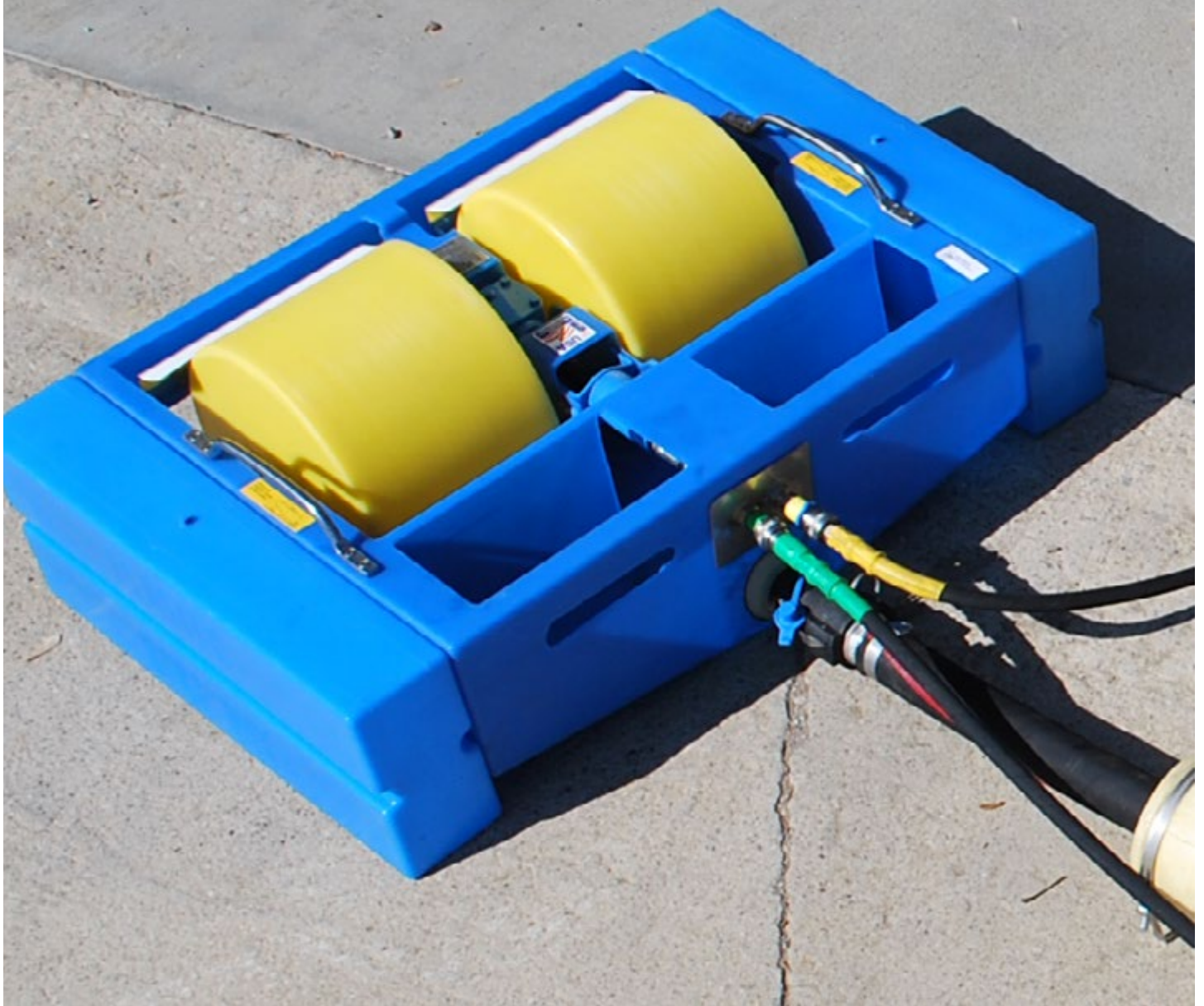


ELASTEC
MiniMax

Drum Skimmer



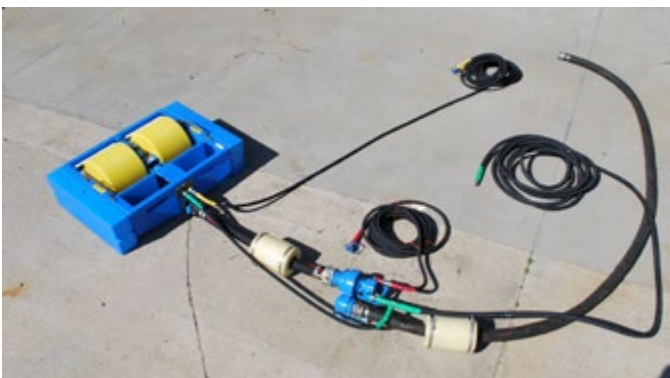
The ELASTEC MiniMax is a robust and reliable drum skimmer designed with industrial applications in mind. The standard skimmer frame is manufactured in Polyethylene HD, making it resistant to many chemicals found in industrial pits, sumps, separators and tanks. The skimmer materials can be upgraded to suit different operating environments.

MiniMax is capable of recovering both light and heavy oils with very low water content - typically around only 2%. The skimmer is able to recover oil at rates up to 20 gallons min/ 5 cu.m per hour. The self-adjusting wiper blades recover oil from the face of drums as they rotate. ELASTEC Drum Skimmers are able to recover a wide range of oils and sheen, from diesel to crude oils. The motor, gearbox and drums are capable of thousands of hours of trouble free operations. MiniMax may be fitted with either an air or hydraulic drive motor. We offer a choice of suction pumps in different materials to suit the application.

Specification (Standard Model PART # OSKIMUN024 / 028)

| | |
|---------------------|--|
| Nameplate Capacity: | Up to 20 gpm / 5 cu.m per hour |
| Number of Drums: | 2 (Polyethylene HD) with aluminum shafts |
| Frame: | Polyethylene HD |
| Wiper Blades: | Self-adjusting spring loaded. Spare wiper blades included. |
| Wiper Retainer: | Aluminum with stainless steel pins and springs |
| Handles: | Included |
| Dimensions: | 41 x 33 x 14 inch / 1.04 x 0.84 x 0.36 m 41 x 31.5 x 14 inch / 1.04 x 0.8 x 0.36m Stainless Model |
| Weight: | 50 lb / 23 kg |
| Drive: | Pneumatic or Hydraulic |
| Max Operating Temp: | 54°C / 130°F |
| Suction Coupling: | 2 inch female camlock |

Configurations



MiniMax may be supplied with pneumatic or hydraulic motor with a choice of pumps (diaphragm or submersible E150). A hydraulically operated skimmer may be delivered with a diesel or electric driven hydraulic power pack.



Elastec pneumatic skimmers are fitted with air motors that conform to EC Directive 94/9EC (ATEX 100a) for zones 1 and 2 (Group II, category 2, Gas and Dust Atmospheres) and a maximum surface temperature of 275 F / 135 C.

Air requirements;

Skimmer only: 5 to 15 cfm , 50 to 100 psi.

Skimmer and E1 pump : 10 to 35 cfm, 50 to 100 psi.

Available Versions

| Materials | Standard | Stainless Steel | CR | CRX |
|-----------------------|------------------------|-----------------|------------------------|-----------------|
| Frame | Polyethylene HD | Stainless Steel | Polyethylene HD | Polyethylene HD |
| Drums | Polyethylene HD | Stainless Steel | Polyethylene HD | Polyethylene HD |
| Drum Shafts | Aluminum | Stainless Steel | Stainless Steel | Stainless Steel |
| Gearbox | Epoxy Painted | Powder Coated | Epoxy Painted | Powder Coated |
| Bearings / U Joint | Steel | Stainless Steel | Stainless Steel | Stainless Steel |
| Wiper Retainer | Aluminum | Stainless Steel | Stainless Steel | Stainless Steel |
| Suction Hose Coupling | Poly | Poly | Poly | Poly |
| Drive | Pneumatic or Hydraulic | Pneumatic | Pneumatic or Hydraulic | Pneumatic |
| Max. Operating Temp. | 54°C / 130°F | 93°C / 200°F | 54°C / 130°F | 54°C / 130°F |

Special Versions

MiniMax may be supplied with an Polyethylene HD or stainless steel frame for hot environments.

This skimmer is widely used in the Palm Oil industry for the recovery of waste oils. For this application, the oil has to be heated to a high temperature to make it fluid. MiniMax is capable of withstanding these temperatures as well as the corrosive conditions (Stainless Steel model).

For acidic environments the standard polyethylene construction may be used while the shafts and bearings are upgraded to stainless steel (CR Model). For the copper mining industry, recovering organic oils in acidic ponds, we offer the CRX model, which has more upgraded components.





Minimax with E150 submersible transfer pump and D10 Diesel hydraulic power pack.

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty. Elastec holds the right to modify product specifications without notice.



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