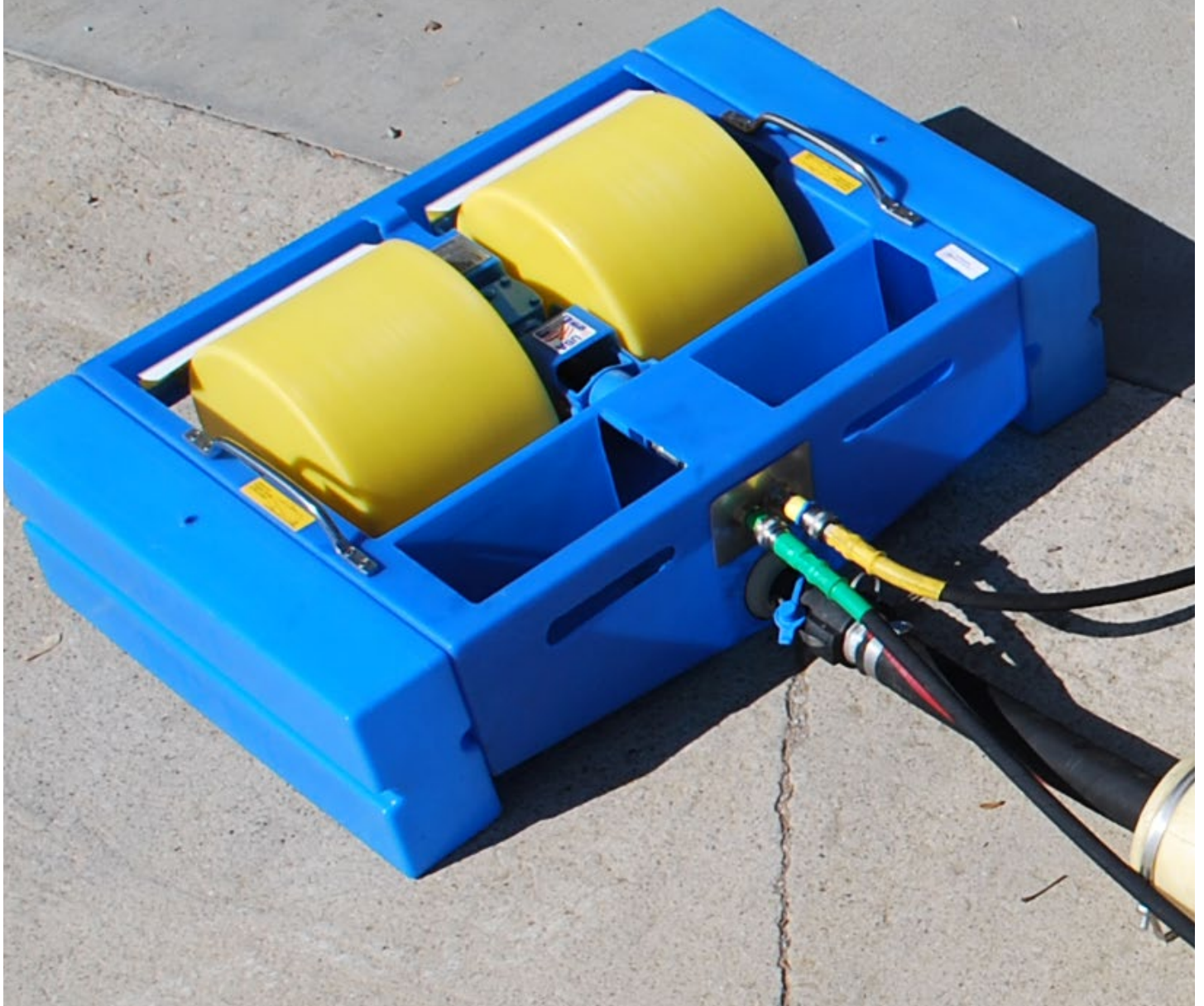


ELASTEC
MiniMax

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

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:	42 x 28 x 14 inch / 1.07 x 0.71 x 0.36 m
Weight:	50 lb / 23 kg
Drive:	Pneumatic or Hydraulic
Max Operating Temp:	54°C / 130°F
Suction Coupling:	2 inch female camlock

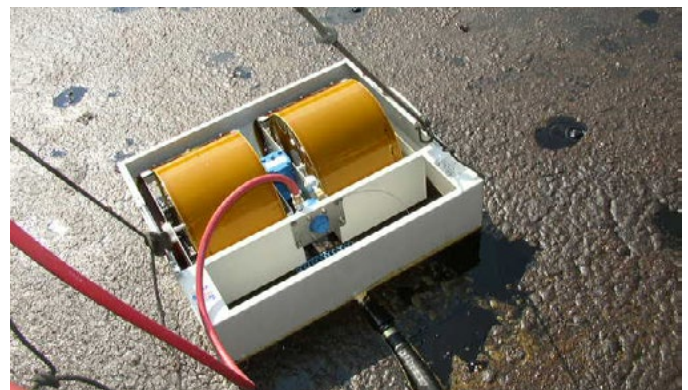
Special Versions

MiniMax may be supplied with an anodized marine grade aluminum or stainless steel frame for hot environments (HT model).

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 (HTCR model). We epoxy paint components such as the gearbox for added protection.

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.

We also offer a food grade version of MiniMax. For this application we supply the skimmer in bare metal without painted parts.

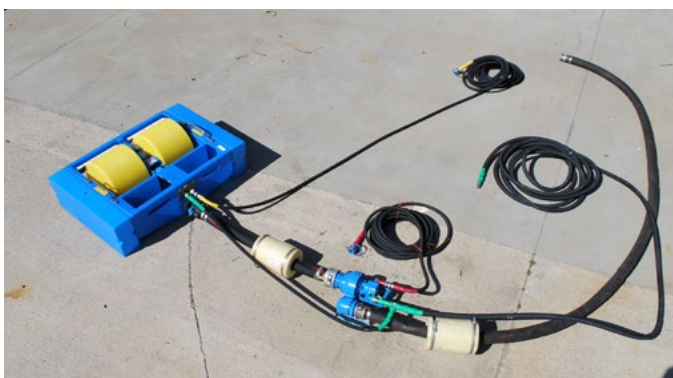


Available Versions

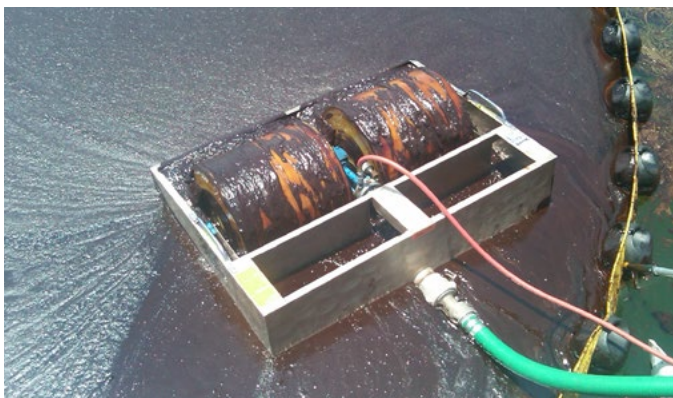
Materials	Standard	Food Grade	HT
Frame	Polyethylene HD	Anodized Aluminum	Anodized Aluminum
Drums	Polyethylene HD	Aluminum	Aluminum
Drum Shafts	Aluminum	Aluminum	Aluminum
Gearbox	Epoxy Painted	Unpainted	Epoxy Painted
Bearings / U Joint	Steel	Stainless Steel	Steel
Wiper Retainer	Aluminum	Aluminum	Aluminum
Suction Hose Coupling	Poly	Poly	Poly
Drive	Pneumatic or Hydraulic	Pneumatic	Pneumatic or Hydraulic
Max. Operating Temp.	54°C / 130°F	93°C / 200°F	93°C / 200°F

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

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.

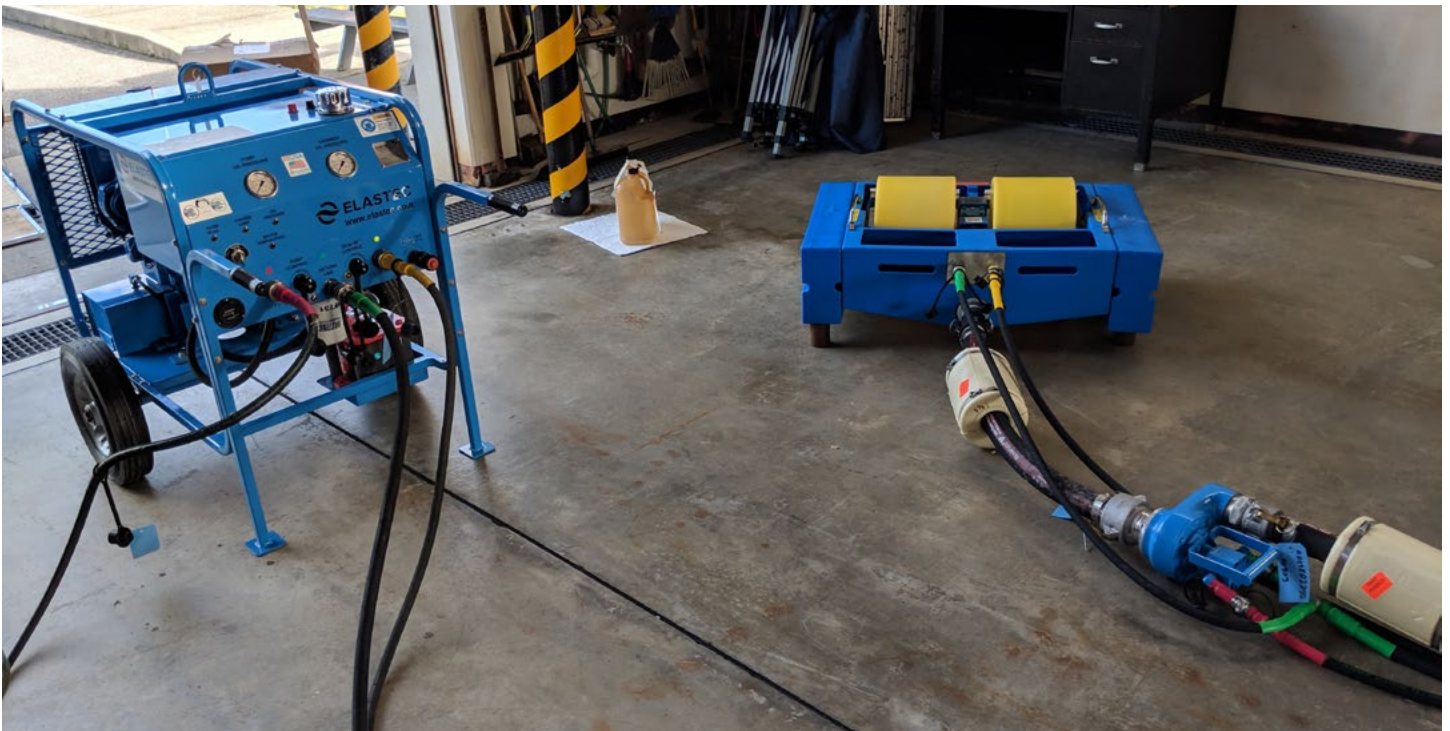


Elastec pneumatic skimmers are fitted with air motors that conform to EC Directive 94/9EC (ATEX 100a) for zones 1 and 2 (Group II, category 2, Gas and Dust Atmospheres) and a maximum surface temperature of 275 F / 135 C.

Air requirements;

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

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



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.

BSK-063 2/9/17



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