



SkimOIL, Inc
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Marine and Industrial Solutions Since 1995

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The SteelMax-FDS20RS Drum Skimmer Technical Data and Brochure



The SkimOIL #FDS20RS SteelMAX is a robust and reliable drum skimmer designed with industrial applications in mind. The standard skimmer frame is manufactured in Polyethylene HDPE, making it resistant to many chemicals found in industrial pits, sumps, separators and tanks. The skimmer material can be upgraded to suit different operating environments.

#FDS20RS SteelMAX 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. SKIMOIL DrumSkimmers 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. SteelMAX may be fitted with either an air or hydraulic drive. We offer a choice of suction pumps in different material to suit the application.



SPECIFICATIONS:

- Oil recovery rate:** Up to 20gpm / 5cu.m per hour
- Number of drums:** 2 (Polyethylene HDPE)
- Frame:** Polyethylene HDPE (Also available in High Temp-Marine Grade Aluminum Frame)
- Wiper blades:** Self-adjusting (spring loaded)
Spare wiper blades included.
- Wiper retainer:** Mounted with stainless steel pins & springs
- Handles:** Included
- Dimensions:** 42 x 28 x 14 inch / 1.07 x 0.71 x 0.36m
- Weight:** 50lbs / 23kg
- Drive:** Pneumatic or hydraulic
- Max operating temp:** 54 C / 130 F (high temperature* version available)
- Suction coupling:** 2 inch female camlock





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Materials	Standard Model Max 54C/130F	Food Grade	High Temp Max 93C/200F	High Temp & Acidic	Extra Acidic
Frame	Polythylene HD	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum	Polythylene HD
Drums	Polythylene HD	Aluminum	Aluminum	Aluminum	Polythylene HD
Drum Shafts	Aluminum	Aluminum	Aluminum	Aluminum	Stainless Steel
Gearbox	Epoxy Painted	Unpainted	Epoxy Painted	Epoxy Painted	Epoxy Painted
Bearings	Steel	Stainless Steel	Steel	Stainless Steel	Stainless Steel
Wiper Retainer	Aluminum	Aluminum	Aluminum	Stainless Steel	Stainless Steel
Suction Hose Coupling	PolyPro	PolyPro	PolyPro	PolyPro	PolyPro

CONFIGURATIONS: The skimmer can be supplied with pneumatic or hydraulic motor. A hydraulically operated skimmer may be delivered with a Diesel or Electric driven hydraulic power pack.

AIR REQUIREMENTS: Skimmer only: 5 to 15 cfm , 50 to 100 psi. Skimmer and AOD pump : 10 to 35 cfm, 50 to 100 psi.

DRUM SKIMMER RANGE

SkimOIL Floating Drum Skimmers use a patented design in which the rotating drums are used both as collection units and floats. This eliminates the need for heavy, bulky and expensive auxiliary flotation units and frames. Our skimmers can be connected to transfer pumps or vacuum units for efficient cleanup operations.



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