



ELASTEC
CRX Skimmers

Industrial Skimmers for Acidic Environments



Oil Spill Equipment | Floating Barriers | Incinerators



Elastec Drum skimmers are well known and respected in oil spill and processing environments. The CRX models have been customized for the copper mining industry, recovering valuable organic oils from acidic ponds.

Three models are now available, the MiniMax CRX, MiniMax CRXX and the 118 CRX. The CRXX is the latest model with 316 stainless steel components for even more corrosion resistance. The latter model has grooved in the surface of the rotating drums, enhancing the recovery rate

Solvent extraction and electrowinning (SX/EW) is a two stage hydrometallurgical process that first extracts and upgrades copper ions from low-grade leach solutions into a solvent containing a chemical that selectively reacts with and binds the copper in the solvent. The copper is extracted from the solvent with strong aqueous acid which then deposits pure copper onto cathodes using an electrolytic procedure (electrowinning).

SX/EW processing is best known for its use by the copper industry, where it accounts for 20% of worldwide production, but the technology is also successfully applied to a wide range of other metals including cobalt, nickel, zinc and uranium.

Specification	MiniMax CRX	MiniMax CRXX	118 CRX
Model	OSKIMUN021	OSKIMUN034	OSKIMUN330G
Frame	Polyethylene HD		
Drums Style	Smooth		Grooved
Drums	Polyethylene HD		
Drum Shafts	SS 304	SS 316	SS 304
Gearbox	Powder Coated		
Bearings	SS 440C / PBT		
U Joint	SS 304	SS 316	SS 304
Wiper Retainer	SS 304	SS 316	SS 304
Discharge Coupling	Poly		
Drive	Pneumatic		
Max Temperature	130°F / 54°C		

SS = Stainless Steel



The CRX models have been successfully employed in Copper mines in Chile. We also supply floating oil containment booms that can concentrate product around the skimmer, improving recovery rates. These booms are manufactured in PVC, without metal fasteners.

NEW - TDS118 CRX



Our proven TDS118G skimmer is now available with the same materials as the MiniMax CRX, a mix of plastic and stainless steel components to resist the corrosive environment.



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