

SKIMMER RSK

Surface Grease Skimmer



MACHINE DESCRIPTION

R.E.M. produce a wide range of surface grease skimmers; the unit is about sludge treatment which comes from waste waters. The system includes a **U-channel** frame having tapered profile which guides a double chain with plastic rollers that carry the scrapers. During the rotation the scrapers push the grease and the scum toward the discharge point which is more elevated than the water level. This simple and easy device is delivered fully assembled to be installed in the basin. The drive is generally located outside the basin for maintenance purposes.

WORKING LOGIC FOR SURFACE GREASE SKIMMERS RSK

The surface grease skimmer is a device designed to remove the floating grease and scum that accumulates in the "CALM" area of the basin.

The unit is a catenary equipped with several blades which enter the liquid surface and pushes the greasy material toward the discharge point where a small ramp follows the raising profile of the skimmer.

The grease is elevated and discharged into the following scum pit. The catenary generally completes a full rotation or a portion when long, and then stops for an adjustable time.

MAIN FEATURES FOR SURFACE GREASE SKIMMERS RSK

RSK skimmers have the following characteristics:

1. Standard execution in st. st. AISI 304/AISI 316.
2. No mechanical parts in direct contact to treated liquids.
3. Low speed - No blocking or clogging.
4. Maximum versatility, high processing outputs.

Fabricated parts material: *Stainless Steel AISI 304 / *Stainless Steel AISI 316
Scrapers material: *HDPE

