

# SLOTTED PIPE OIL SKIMMER

An industrial skimmer product







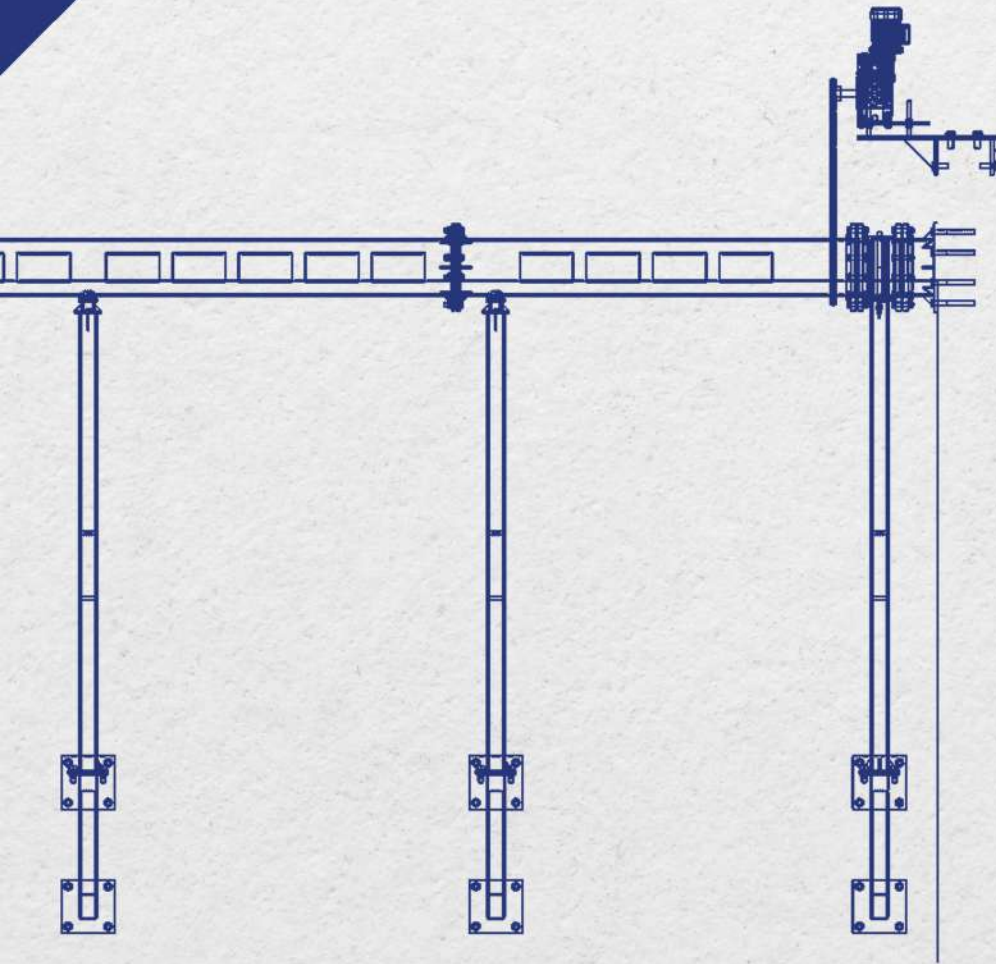
## SLOTTED PIPE OIL SKIMMER

A slotted pipe oil skimmer is a device designed to remove floating oil from water. It uses a rotating circular pipe with C-shaped slots to collect the oil. By adjusting the pipe's position, it can adapt to changing water levels, making it suitable for pits, tanks, or channels with up to a 2-meter water level variation. When selecting a slotted pipe oil skimmer, consider the pit's width and the desired oil removal rate. Slotted pipe skimmers are cost-effective, easy to install, and user-friendly compared to other oil removal methods





# ABOUT PROBLEM



## High oil flow rates

Lack of a high oil removal rate leads to clogging and oil accumulation when faced with high rates of oily water inflow.



## Varying oily water levels

Water levels in the tank/pit/channel could vary significantly through out the operation



## Short life-span of skimmers

Oil skimming devices with high flow rates have short life-span and becomes less reliable in long run



## Complex operation

More time and Skilled labour is required to understand and perform the operation of the oil skimming devices



# OUR SOLUTION

## Lifting Mechanism



Manual with stick handle



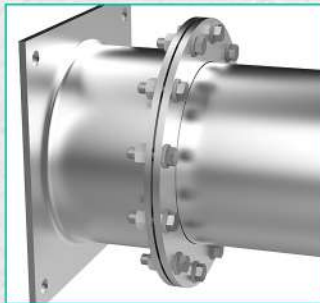
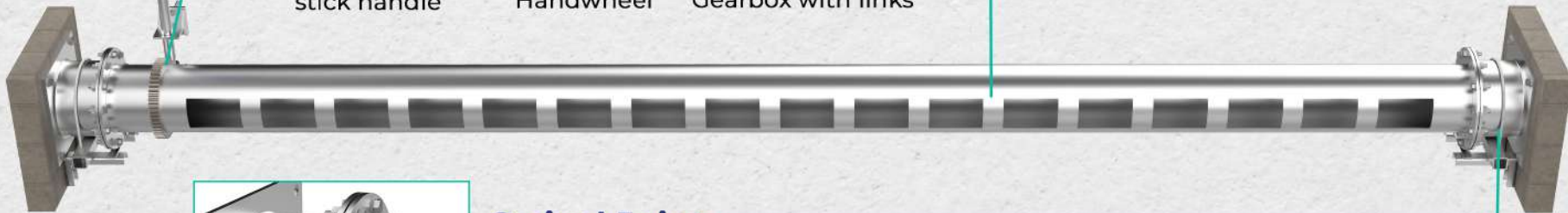
Manual with Handwheel



Electrical Motor-Gearbox with links

## Slotted Pipe

Slotted pipe is metal/pvc pipe with generally 60° C-Shaped Slots throughout its span. Slots on the pipe could be customized depending on the flowrates and length of the pipe. Slots provide high flow rate with varying water level  
MOC: SS 304/MS/FRP/PVC



## Swivel Joint

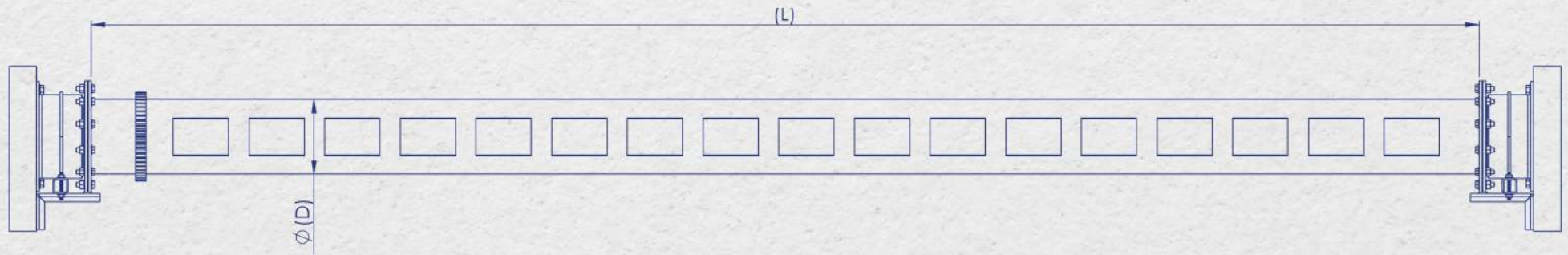
Our pre-assembled swivel joints are specially designed for submerged operation with extensive pressure and temperature range. These swivel joint have full rotational mobility with low frictional resistance and water tight radial sealing. Flange type or Welded type swivel joint are used for longer life span.  
MOC: SS/MS/FRP/PVC

### Accessories:

- ❖ Roller Support for pipe safety against unwarrented loads
- ❖ Chain/Handwheel/Rod Extention
- ❖ Limit Switch for automated operation
- ❖ Perforated Trough for pipe protection from clogging

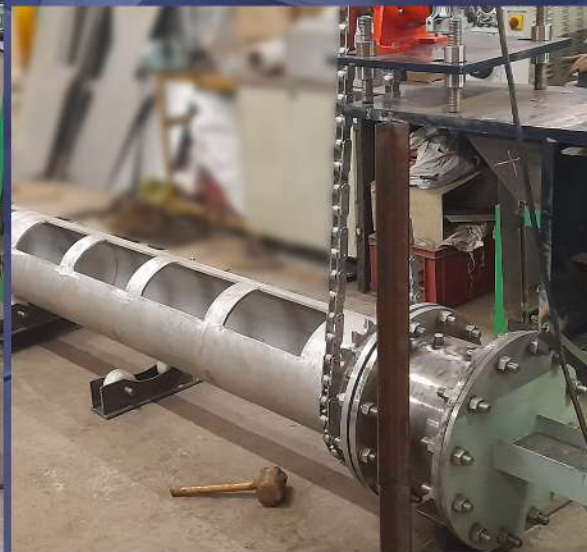


# MODEL SELECTION MATRIX



MOC	SIZE OF PIPE(D)	LENGTH OF PIPE(L)	OPERATION	ROTATION MECHANISM
SS	Size of ranges:-2"-12"	Size range:-500-10000mm	Motorised	Chain drive
MS			Manual	Worm & worm wheel
FRP				Pipe handles
PVC				





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