

## BELT OIL SKIMMER Model SM4, Model SM8 and Model SMB

These belt skimmers do not have a stabilizer bar but the belt is hanging on the tail pulley and the weight of the pulley provides the needed tension of the belt. By means of this design any individual belt length can be realized.

### Oil separation capacity and material of drive unit

Depending on the needed capacity first you choose a skimmer with a 100 mm wide belt or with a 200 mm wide belt. For higher capacities there are multi-belt arrangements available. The separation capacity mainly depends on the belt width whereas the capacity does not depend on the belt length. The drive unit is available in coated steel and in stainless steel.

### Belt length

The belt length is determined as the single distance between the upper and the lower pulley. When the level of the fluid is changing the tail pulley should be submerged all the time.

### Belt material

Belts are available in stainless steel, elastomer and polymer.

### Options, accessories

We can provide the skimmers with air motors, infrared heaters and some more options. An oil concentrator can be directly fitted to provide a virtually complete oil/water separation.

Type	Belt Width	Number of belts	Material	Capacity
SM4 (M4)	100 mm (4")	1	Coated steel	~ 60 l/h
SM4SS (M4SS)	100 mm (4")	1	Stainless steel	~ 60 l/h
SM8 (M8)	200 mm (8")	1	Coated steel	~ 120 l/h
SM8SS (M8SS)	200 mm (8")	1	Stainless steel	~ 120 l/h
SMB2 (MB2)	200 mm (8")	2	Coated steel	~ 300 l/h
SMB3 (MB3)	200 mm (8")	3	Coated steel	~ 450 l/h
SMB5 (MB5)	200 mm (8")	5	Coated steel	~ 700 l/h

Type codes in brackets are older type codes. The performance data listed are non-binding guidelines for standard oil SAE 30.

### Technical Data

Drive	Motor with attached gearbox 150 :1.
Voltage	1~ 230 V, 50 Hz (optional three-phase motors in different versions)
Current consumption	3,6 A
Material	Base unit of coated steel or stainless steel. Wiper blades of Nitrile, optional of Viton or hybrid-ceramic.
Weight	SM4 ~ 38 kg SM8 ~ 45 kg SMB2 ~ 50 kg SMB3 ~ 63 kg SMB5 ~ 90 kg



Belt Oil Skimmer Model SM4



Belt Oil Skimmer Model SM8



Belt Oil Skimmer Model SMB2