



SkimOIL, Inc  
103 W. Weaver Street  
Carrboro, NC 27510  
(314) 579-9755  
Fax: (314) 558-9253  
www.skimoil.com

Marine and Industrial Solutions Since 1995

EMAIL: [contact@skimoil.com](mailto:contact@skimoil.com)

## TBS - SkimOIL's The Belt Skimmer

The Belt Skimmers (TBS) lift and remove unwanted floating oils from the surface of water or coolants, in oil water separators, waste water tanks, parts washers, oil leakage pits, wastewater, and treatment tanks, pits, sumps and wells.

The Belt Skimmers (TBS) do NOT require pumps as these electric belt skimmers lift the oil from the water surface...to a point high enough vertically, that the oil can gravity drain into you tote, drum, bucket or ?

The SkimOil belt skimmers are selective and give you almost all oil with very little water to deal with.

The Belt skimmers (TBS) are workhorses for smaller oil skimming needs and give you oil recovery rated in GPH or gallons per hour.

The simple TBS can be plugged into a timer and/or can be run unattended around the clock.

These are about the most reliable skimmers made...and a great choice, if they will keep up with your oil removal needs.

Custom units with a "steep trough" side discharge for heavy oils are available as are units for 2" and larger monitor wells.

Our **TBS2** series Skimmers with a 2" or 4" wide belt, are for applications that require up to **4 gallons of oil collection per hour!**



**MOST RELIABLE, LONGEST-LASTING ON THE MARKET!!!**  
**ONE YEAR MANUFACTURING WARRANTY!!**  
**SAME DAY SHIPPING!**



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### **TBS2 MOTOR SPECIFICATIONS:**

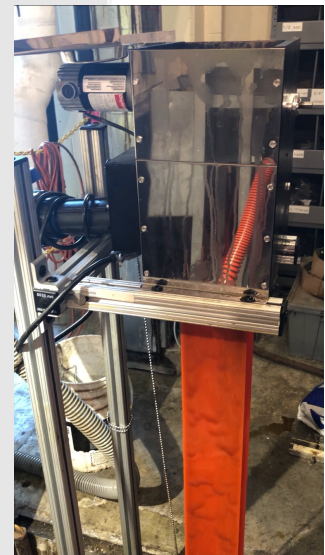
- 30 RPM Permanent magnet synchronous motors – the highest level of reliability
- Amp draw 0.055 (7 watts)
- Gears and extruded pinion conform to AGMA7 level quality.
- 115V/1/60Hz is standard (220/1/50 and 220/1/60 also available)
- 64 oz.-in of torque

FRAME: Stainless steel metal, UHMW polymer ends/scrapper blade.

PULLEY: Nylon drive pulley. SS/nylon tail pulley with SS retainer chain.

TEMP 120 F. with poly belt, 200 F. with stainless steel belt.

WEIGHT: Ship weight varies from 15 - 30 lbs. depending on belt. All metal is stainless steel and is corrosion-resistant. Collects 1-4 GPH depending on belt width and conditions.



### **BELTS FOR THESE SYSTEMS ARE AVAILABLE IN TWO MATERIALS:**

**Stainless Steel:** available in widths of 2.5" or 4". Available in reach lengths up to 10 feet!

**Flat Polyurethane:** available in widths of 2" or 4". Available in reach lengths up to 100 feet!



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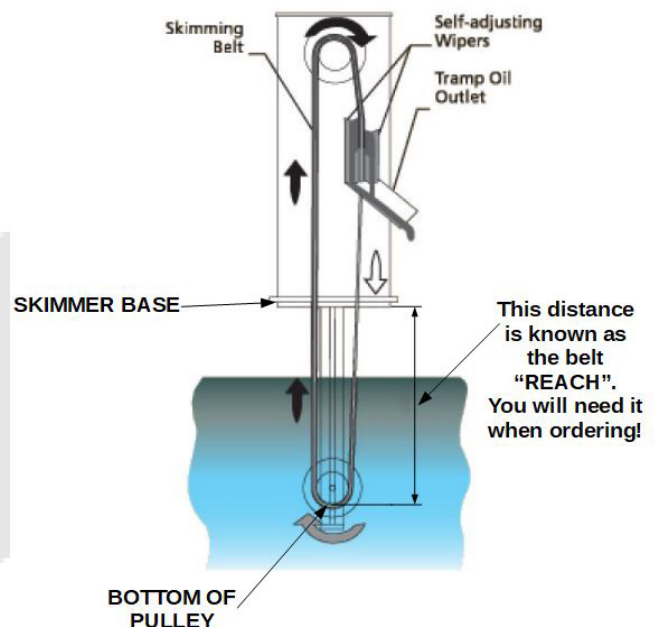
### Need Even More Oil Recovery?

The TBS4V Belt Skimmers are a recent development with a variable speed drive to provide an economical, corrosion-free, wide belt skimmer for central coolant tanks, wastewater and water treatment applications with high collection rates! Use in applications where desired oil collection rate is not known, where incoming oil rate may change, or where oil is needed to be removed faster/slower at different times. ! Simply Turn Knob to Adjust Oil Lift Rate or to dial it in for best recovery. Frame is 10.5" high x 9" wide. Length (with motor) varies from 17" to 31" with one to four inch wide belts.

### Benefits:

- Economical Cost and Dependable Operation
- No Corrosion - All Stainless and Polymer Materials
- Std. Belt Lengths to 10 ft. - Can be made to 100 ft. down
- Handles Fluctuating Liquid Levels
- Takes Little Space & Easy to Install
- Furnished as a Complete System with Accessories

Features: Uses 4" Wide Belts - Polyurethane or Stainless, Uses One to Four Belts, Baldor Permanent Magnet Gearmotor, UHMW Bearing-Grade Polymer Scraper Blade. Collect 2 -25 Gallons/Hour from 2 ft. to 100 ft. depths. Although our oil skimmers vary widely in terms of size, oil collection rate and cost, all of our oil skimmers are simple, reliable and effective. To learn more about the oil skimmers we offer, or to decide which oil skimmer is right for you.



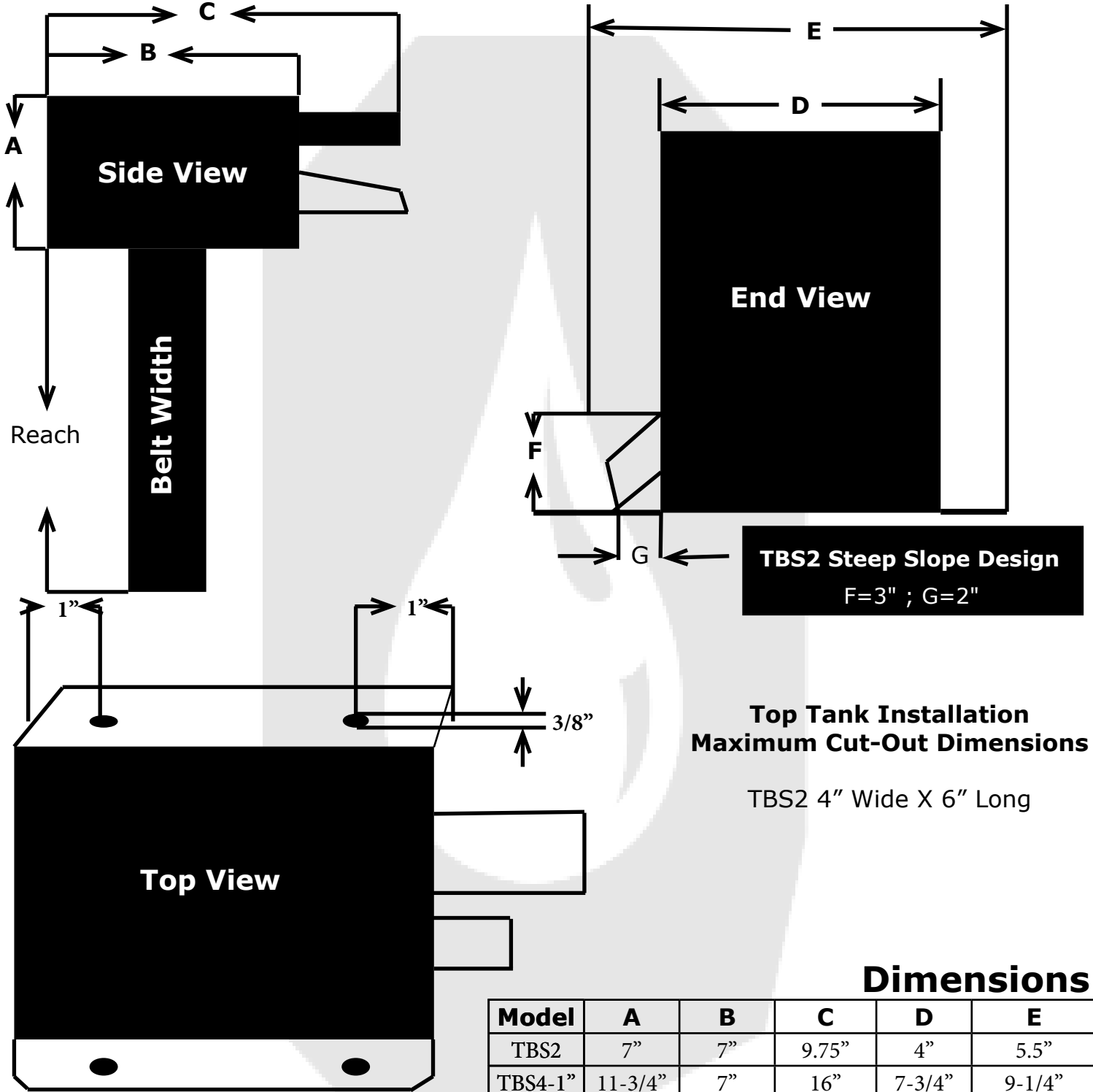
**Give Skimoil a call (314) 579-9755 and let's chat about your application.**



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**Top Tank Installation  
 Maximum Cut-Out Dimensions**

TBS2 4" Wide X 6" Long

**Dimensions**

Model	A	B	C	D	E
TBS2	7"	7"	9.75"	4"	5.5"
TBS4-1"	11-3/4"	7"	16"	7-3/4"	9-1/4"
TBS4-2"	11-3/4"	13"	22"	7-3/4"	9-1/4"
TBS4-3"	11-3/4"	18"	27"	7-3/4"	9-1/4"
TBS4-4"	11-3/4"	24"	31"	7-3/4"	9-1/4"
TBS4/V	11-3/4"	7"	12-3/4"	7-3/4"	9-1/4"



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## Technical Specifications

Item	TBS2	TBS4	TBS4/V
<b>MOTOR:</b>			
Type:	Permanent Magnet; Continous Duty	Permanent Magnet; Continous Duty	TENV, 90 vdc
Power:	115/1/60 or 220/1/50 VAC	115/1/50 or 60, TENV	115/1/60 to speed control
Rpm:	30	28 or 55	0-102
Amp Draw	.065 (7 watts)	28-.97/.99; 55-.94/1	0.75
Cordset	6 ft.; 3 wire, 3 prong plug	6 ft.; 3 wire, 3 prong plug	6 ft.; 3 wire, 3 prong plug
Cover	Stainless Stell Sheath Type	None	None
<b>SHAFT:</b>	1/4" Stainless Steel	1/2" Stainless Steel	5/16" Stainless Steel
Coupling	Stainless Steel	Stainless Steel	Stainless Steel
Drive Pulleys	Glass-reinforced nylon; SS Set Screw	Glass-reinforced nylon; SS Set Screw	Glass-reinforced nylon; SS Set Screw
<b>FRAME:</b>			
Cover:	Stainless Steel	Stainless Steel	Stainless Steel
Sides:	Stainless Steel	Stainless Steel	Stainless Steel
Ends:	1/2" UHMW Polymer	1" & 1/2" UHMW Polymer	1/2" UHMW Polymer
Outlet:	1-1/4' PVC	2-1/2" PVC	Stainless Steel
Belt:	Polyurethene or Stainless Steel	Polyurethene or Stainless Steel	Polyurethene or Stainless Steel
Belt Scrapper:	1/8" thick UHMW Polymer	1/4" thick UHMW Polymer	1/4" thick UHMW Polymer
Trough:	Stainless Steel	Stainless Steel	Stainless Steel
Tail Pulley:	Stainless Steel	Stainless Steel	Stainless Steel
Retainer Chain:	Stainless Steel	Stainless Steel	Stainless Steel
Outlet Extension:	3 ft; 1-1/4" ribbed poly hose	3 ft; 2-1/2" ribbed poly hose	3 ft; 2-1/2" ribbed poly hose
Timer:	Plug in type, 15 amps 115/1/60; 3 settings; 24hrs	Plug in type, 15 amps 115/1/60; 3 settings; 24hrs	Plug in type, 15 amps 115/1/60; 3 settings; 24hrs
Ground Fault Interrupter:	Plug in type. 115/1/60	Plug in type. 115/1/60	Plug in type. 115/1/60