

T14 FLOATING OIL SKIMMER

TECHNICAL SPECIFICATION



T14 FLOATING OIL SKIMMER

ATEX COMPLIANT

Part No KF/7580

Application

The T14 FLT oil recovery skimmer is designed for continuous use in both hazardous and corrosive environments in situations where water levels may vary significantly. The unit has onboard oil Transfer pump with a 2" NB discharge. The T14 FLT skimmer will remove a wide range of floating oils including Kerosene, Naphtha, Vegetable oils, Diesel, Gas oils, Crude and Tramp oils at a maximum oil recovery rate of 14m³ per hour, dependant on viscosity and oil thickness, with a typical free water content of around 2%. The skimmer is ATEX approved to ATEX Group II, 2G, Temp Class T4.

Dimensions

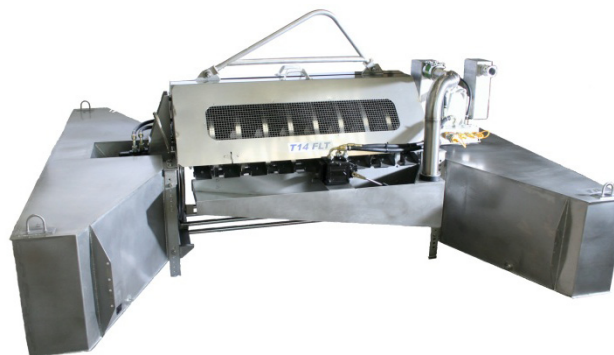
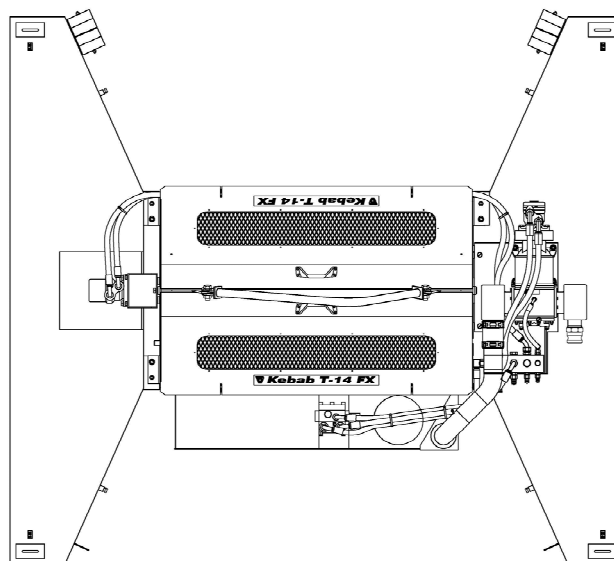
Length	260cm
Width	230cm
Height	100cm
Weight	510Kg

Construction

Framework	Stainless steel
Buoyancy tanks	Stainless steel
Splash covers	Stainless steel
Discs	8 - Stainless steel T disc™
Disc diameter	600 mm with 25 mm wide rim
Disc motor	Direct drive eccentric lobe orbital hydraulic motor
Disc speed	Variable control 0 – 50 rpm
Draft	35cm

Hydraulics

Operating pressure	95 bar Max.
Connections	Quick release couplings (QRCs) Disc Pressure 3/8" QRC male Pump Pressure 1/2" QRC male Return 3/4" QRC female Buffer Chamber 1/4" QRC male
Disc hydraulic demand	0 – 6 Ltr./min.
Pump hydraulic demand	0 – 26 Ltr./min.
(Note: On Vikoma equipment, hydraulic flow is from the female coupling.)	



Rating

Suitable for operation in a potentially explosive atmosphere to ATEX Zone 1 (CE Ex II 2G c T4 Ta X)

Shipping Details

Length	268cm
Width	244cm
Height	156cm
Weight	850Kg

Standard Equipment

Operation and maintenance manual
Single point lift bar

Optional Accessories

Spares kit (SK/0240)
Mooring rope, 20m polypropylene (1019RP)

industrial

T14 FLOATING OIL SKIMMER

TECHNICAL SPECIFICATION



T14 FLOATING OIL SKIMMER
ATEX COMPLIANT
Part No KF/7580

Recovered Oil Transfer Pump

Type	Self-priming Lobe pump c/w Viton lobes. Hydraulically driven.
Total head	40m at 14m ³ per hour (oil)
Maximum delivery	14 m ³ /hour
Max operating pressure	6 bar
Discharge	2" NB male camlock
Pump motor	Direct hydraulic drive orbital motor.
Pump speed	Pump speed is controlled by a float valve in the skimmer's oil collection trough
Pump motor	Direct hydraulic drive gear motor
Safety devices	Pump high temperature sensor Buffer chamber pressurising reservoir for ATEX pump

industrial