

T9 FLOATING OIL SKIMMER

TECHNICAL SPECIFICATION

T9 FLOATING OIL SKIMMER ATEX COMPLIANT Part No TI/0280

Application

The T9 FLT oil recovery skimmer is designed for continuous use in both hazardous and corrosive environments in situations where fluid levels may vary significantly. The unit comes complete with onboard oil transfer pump with a 2" NB discharge. The T9 FLT skimmer will remove a wide range of floating oils including Kerosene, Naphtha, Vegetable oils, Fish oils, Diesel, Gas oils, Crude and Tramp oils at a maximum oil recovery rate of 9 m³ per hour, dependant on viscosity and oil thickness, with a typical free water content of around 2%.

Dimensions

Length	185cm
Width	165cm
Height	132cm
Weight	340Kg

Construction

Framework	Stainless steel*
Buoyancy tanks	Stainless steel*
Lifting frame	1*
Discs	5 - Stainless steel*
Disc diameter	600 mm with 25 mm wide rim
Wipers	6 - Carbon filled PTFE
Disc motor	Direct drive eccentric lobe orbital hydraulic motor
Disc speed	Variable control 0 – 50 rpm

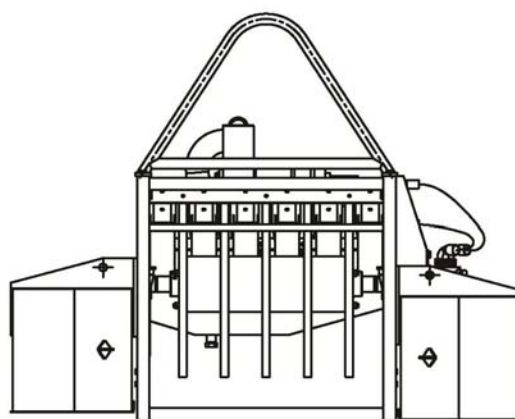
Hydraulics

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.
Pump speed	Progressively controlled by a float valve in the oil collection trough

(Note: On Vikoma equipment, hydraulic flow is from the female coupling.)

Recovered Oil Transfer Pump

Type	Rotary Lobe Pump c/w Viton Lobes
Max delivery	0 – 15 cubic meters/hour
Max Pressure	6 bar
Discharge	2" NB Camlock
Pump motor	Direct hydraulic drive gear motor
Safety devices	Pump high temperature sensor Buffer chamber pressurising reservoir for ATEX pump



Rating

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

Shipping Details

Length	191cm
Width	171cm
Height	158cm
Weight	520Kg

Standard Equipment

Operation and maintenance manual

Options

Spares kit (SK/0222)
Discharge relief valve (pressure setting dependent on required pumping head)
* Other materials such as Incolloy, Duplex, and Super Duplex are available for more aggressive environments.

T9 FLOATING OIL SKIMMER

TECHNICAL SPECIFICATION



industrial

