



## DIESEL TRANSFER PUMP

The 4000 BPD @ 300 PSI Transfer pump model SD-S FCE U047 is designed for oil transfer operations towards a pressurized flow line, a burner or a loading station.

The unit is autonomous and does not need any external power source. However, for a use on the ground, precautions are imperative.

The unit consists of:

- 01 DEUTZ F3L912 diesel engine with control panel and safety devices.
- 01 PCM MOINEAU 35120 eccentric-screw pump.
- 01 suction line with 01 isolating valve.
- 01 discharge line with 01 safety relief valve, 01 isolating valve and 01 check valve.
- 01 by-pass line with 01 isolating valve
- 01 relief line
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The fluids which can be pumped are;

- Water
- Oil

The performances are given with water at a temperature of 20°C and a compressibility factor of 1.



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## Specifications

### Performances:

<b>Max. Service Pressure</b>	:	300 psi
<b>Max. Temperature of fluid</b>	:	80°C
<b>H2S Service</b>	:	No
<b>Max. Flow</b>	:	510l/min @ 2000 Rpm

### Dimensions:

<b>Length (mm)</b>	:	3500
<b>Width (mm)</b>	:	1000
<b>Height (mm)</b>	:	1760
<b>Weight (kg)</b>	:	2100

<b>Diesel Tank</b>	:	125 litres
<b>Suction Line N°1</b>	:	Weco 4" Fig 206 female inlet
<b>Discharge Line N°1</b>	:	Weco 3" Fig 206 male outlet
<b>Safety Relief Valve</b>	:	TYCO 1" ANSI 300 RF x 2" ANSI 150 RF