



DESMI DOP – 160



Inventory

	Great Lakes	Québec	Atlantic	Total
Desmi Dop – 160	3	3	2	8

Application

A submersible cargo offloading pump system, designed to pump high viscosity products (0 to > 1,000,000 cSt). The system is used for transferring product from temporary storage devices or can be deployed directly into areas where large volumes of oil may be collected for recovery.

Description

The Desmi DOP-160 system is a modified design of the traditional archimedes screw pump. Unlike traditional archimedes screw pumps, the DOP-160 is self-feeding. Fluid is forced into the pump housing by the rotation of the screw. This self-feeding feature combined with the benefits of screw pump design enables the DOP-160 to operate as an effective offloading and transfer pump for products with higher viscosity ratings. The unit can be run with hot water injection on the inlet and/or outlet side of the pump. This lubricates the pump and/or product hose in order to handle the most viscous products.

Operating Data

Max. Pressure: 10 bar / 150 PSI
Max. Capacity: 30 m³/hr (132 gpm)



Ancillaries

Hydraulic power unit, powered by a 35 kW diesel motor.
Hose reel is complete with hoses for hydraulic fluid and water injection.

Technical Data

	<u>Power pack</u>	<u>Reel</u>	<u>Pump</u>
Length:	1.3 m (4' 6")	1.4 m (4' 6")	0.39 m (15")
Width:	1 m (3' 4")	1.4 m (4' 6")	0.24 m (9")
Height:	1.1 m (3' 8")	1.5 m (5')	0.52 m (20")
Weight:	Full 830 Kg (1826 lbs)		31 Kg (68lbs)

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