

METHANOL /CHEMICAL INJECTION SKID

Technical Data / Specification

Dimensions

Length	80 in
Width	58 in
Height	20 in
Weight in Air	850 lbs
Weight in Water	600 lbs



Materials

Frame	Aluminum 6061-T6
Fasteners	AISI Grade 316 Stainless Steel
Reservoirs	Black Amalga™ Spun Fiberglass Tubing
Reservoir End Caps	AISI Grade 316 Stainless Steel
Reservoir Pistons	AISI Grade 316 Stainless Steel

Performance data for Standard Skid Systems

Output Pressure	0 to 50 psi
Output Flow	4 to 7 gpm
Input Pressure	0 to 1,500 psi
Input Flow	0 to 2 gpm
ROV Input Fluid	Petroleum based Hydraulic fluid
Output Fluid	Methanol or Chemical Fluid

Overview

The methanol/chemical injection skid holds the same overall dimensions as defined for the fluid injection skid, with 64 gallon carrying capability. This chemical/methanol injection skid provides the possibility to isolate two tanks or 32 gallons. However, this isolation can only be activated before diving or in between dive by a technician. The chemical/methanol injection skid will be easily distinguished from the fluid injection skid as its reservoirs are painted in red.

The process fluid supply to the hydraulic intensifier unit must be provided with a net positive inlet pressure, which is accomplished by the seawater charge pump. The seawater charge pump pressurizes the reservoirs at approximately 5 to 10 psi to ensure the intensifier does not cavitate.

A 17H Dual Port hot stab is furnished with each skid.