

GIU

GLYCOL INJECTION UNIT



The RCP Glycol Injection Unit is designed to inject glycol into the choke manifold at high pressures of up to 21,596 psi. High quality components from European and American suppliers are selected to ensure maximum performance and reliability. Quality assurance is guaranteed at every stage of the design, manufacturing, testing, and certification process. Highly qualified RCP engineers, pipe fitters and technicians ensure that the GIU is designed and manufactured to meet the harsh requirements of an offshore installation and to be ready to perform when it is needed most.

GENERAL INFORMATION

- All high and low-pressure interconnecting pipework and fittings are manufactured from stainless steel components with all high-pressure components being rated to 30,000 psi.
- Controls and gauges conveniently panel mounted and clearly labelled for ease of use.
- The GIU is mounted in a heavy-duty stainless-steel frame with 4 lifting eyes and forklift pockets and mounting feet with suitable fixing holes and earth bosses.
- RCP can supply units suitable for use in ATEX zone 1 and 2 hazardous areas. Typical ATEX zone 1 marking = Ex II 2GD c T5 (100).

FEATURES

- Air operated hydraulic double acting pumps, stainless steel wetted parts capable of generating pressures up to 21,596 psi from 100 psi air drive pressure.
- Hydraulic pump air controls, self-relieving pressure reducing regulator and pump start/stop valve
- Single and dual pump options available
- Pneumatic pump stroke counter
- 30,000 psi dual scale pressure gauge, dampened movement, +/- 1% accuracy class
- Stainless steel tank with filler / breather cap, sight glass and drip tray - tank drain output with isolation valve
- Glycol input port and top fill of tank options
- High pressure PRV - optional ranges available to suit application



DECADES

OF INNOVATION & EXPERTISE IN
ENGINEERING AT YOUR FINGERTIPS



GIU WITH 1000L TANK



DOUBLE ACTING GLYCOL PUMP



CERTIFIED LIFTING EYE

PRODUCT INFORMATION SHEET

GIU

GLYCOL INJECTION UNIT

STANDARD DOCUMENTATION

- Pressure Test Certificate
- Declaration of Conformity with Notified Body lodged approvals
- Installation, Operation and Maintenance manuals
- Databook

OPTIONS

- Dual pumps for redundancy purposes or increased flow rates
- 50 to 1000 litre tank options with bespoke skid design to suit available space on rig floor
- Fully enclosed skid with access doors available

PUMP FLOW RATES AT THE PRESSURE STATED:

PRESSURE (psi)	FLOW RATE (l/min)
0	9.5
3,000	7.4
5,000	6.4
10,000	4.9
15,000	3.5
20,000	1.6

