

GROUTING CLAMP

Technical Data / Specifications

Dimensions (overall) Hydraulics

Inner Diameter	50 in
Width	100 ft (at widest point)
Overall Height	14 in
Weight in air	950 lbs

Hydraulics

Open/Closing Ram	1 to 2 gpm @ 2,000 psi
Drilling Unit	3 to 11 @ 2,500 psi

(*Note: At 3gpm, the drilling unit can cut through $\frac{3}{4}$ in plate in 5 hours; at 8gpm, this process can be completed in 30 minutes)



Overview

The Grouting Clamps were designed to clamp onto a 52in Diameter section of platform jacket. Once clamped on the drilling unit would make a 2in diameter hole into the jacket but not penetrate the inner pile. Once the hole was made the drilling unit would be removed and the grout stab would be inserted into the J-lock and begin pumping grout into the leg. Once there was enough grout pumped into the leg, the clamp valve was shut and the grout stab removed. The clamp then remained on the leg to allow the grout to harden inside the jacket, therefore stiffening the member.