



**MANUFACTURING LLC**  
CONCEPT • DESIGN • MANUFACTURE

## MODEL 14 PACKER THE NEXT GENERATION OF CUSTOM INJECTION WELL PACKERS

The Model 14 Packer was designed primarily for injection wells that require special alloy construction. Employing duel bores the upper bore of the packer is made to accept a latch in type seal assembly, that when installed maintains the thru bore of the packer. The packer is hydraulically set utilizing 4 jaws (Slips) that telescope outward to grip the ID of the casing, and a 3 element packing system to isolates the casing ID to the packer ID. The setting force is then captured by means of a body lock ring that then transmits the set load to the packer mandrel. The packer is designed in such a way that in the event milling is required the upper components are rotationally locked to the slips. All internal or wetted components (Blue) can be made with alloys such as Titanium, Hastalloy, 316 Stainless Steel or any other exotic material that can be machined. The packer releases by a straight pull of the setting sleeve, and a special lock mechanism can also be installed to keep the packer from re-setting after it has been released, allowing up and down movement in the event of a tight spot.

