



AccuFill Power Steering & Clutch Fill

The AccuFill Power Steering or Clutch Fill System performs a quality check and fill process on closed loop oil filled systems. This process usually includes:

- Oil Prep
- System Evacuation and Vacuum Testing
- Pressure Fill or Volume Fill
- Adjust to Required Level in Tank

Serv-I-Quip's quality oil preparation process, evacuation expertise, and tooling design skill result in a very efficient machine that delivers a high quality, repeatable process. These systems are available with fluid prep and supply, pressure or volume fill, and equipped with high capacity vacuum pumps and auto purging traps, individual scavenge lines, and custom, dripless tooling. System control and process configuration are handled by a PLC linked to a Touchscreen Operator Interface.

These systems can be configured as stop stations, mobile stations, or track mounted with VFD motors.



Manual clamp, internal sealing, PS Fill tool

Product Detail

STANDARD FEATURES:

- Automatic process set-up, initiation, cycle completion, and return to standby
- Allen Bradley PLC control
- Allen Bradley Panelview® Touchscreen Operator Interface
- NFPA 70E Arc Flash compliant
- Auto clamp/unclamp pneumatic tooling
- Pressure or volume fill
- Stainless steel flow meter verifies fill amount
- Evacuation and vacuum leak test
- Standard or custom neck styles and port openings
- Continuous recirculation of fluid for dehydration
- Dedicated vacuum pumps for oil dehydration and system evacuation
- Scavenge pump vents fluid pressure, adjusts level, and eliminates tool dripping
- Single stage vacuum pumps with auto purging traps
- Dripless tooling

PROCESS CYCLE OPTIONS:

- Pressure or volume fill
- Standard cycle includes:
 - Tool hookup
 - Evacuate
 - Vacuum test
 - Oil fill
 - Pressure relief, level adjust, scavenge, and tool disconnect

CONFIGURATION OPTIONS:

- Stop station
- Mobile station
- Base station with track mounted, vehicle towed tool console
- Base station with motorized, VFD, line synchronized, track mounted tool console
- With and without dehydration, storage, and heated supply

TOOL PRESENTATION OPTIONS:

- Simple track mounted tool balancer
- Swinging boom and tool balancer
- Automatic, air actuated drop and retract balancers
- Multi-axis, automatic tool positioning
- Multi tool, automatic tool positioning