



AccuFill Transmission, Engine Oil, & Axle Fill

The AccuFill Transmission and Oil Fill system combines the filling processes of similar fluids that also share proximate fill locations in the engine compartment. This fill process includes:

- Fluid filtering and heating
- Volume fill
- Level sense or scavenge to level
- Purge or scavenge tool to eliminate drips

These systems can address mixed assembly lines that fill manual, automatic and CVT transmissions and require individual fluid supply, prep, and fill through individual fill tools. These systems can also accommodate filling engines and /or transmissions that are partially filled due to shipping requirements or testing residuals.

Serv-I-Quip's expertise in fluid prep, fluid measurement, and tooling design results in a high quality, efficient, and consistent process and ROI.

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 rail mounted with VFD motors.



AccuFill Transmission Top-off System



AccuFill Hub Fill System



Differential, Oil, and Transmission Fill Tools



AccuFill Transmission Fluid Prep and Fill System

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
- Custom designed dripless tooling
- Start/Stop/Reset pushbutton pendant at tool
- Level sense control for pre-filled engines or transmissions
- Volume fill
- Stainless steel flow meter verifies fill amount
- Standard or custom neck styles and port openings
- Heated storage tanks
- Individual scavenge pumps vent fluid pressure, adjusts level, and eliminate tool dripping
- Single stage vacuum pumps with auto purging traps

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

PROCESS CYCLE OPTIONS:

- Volume fill
- Standard cycle includes:
 - Tool hookup
 - Oil fill
 - Level adjust, scavenge, and tool disconnect

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