

Overview:

The KeyDrill Oil Fill Station is a compact, self-contained Pulsar Oil Fill Station that is portable and fully automated. It can be used as a portable single pulsar oil filling station or a permanent shop fixture that is capable of filling up to 4 pulsars at the same time. There is no assembly required and can be setup in under a minute.



Specifications:

Operation Power: . . . 85 – 230VAC, 50 – 60Hz, 1.15A
Operation Temperature: 0° to 60°C
Storage Temperature: -35° to 70°C
Weight: 60 lbs.
Dimensions: 20" x 20" x 10"

Features:

- The OFS has a two tank design that circulates oil through the pulsar from one tank to the other and back. The two tank system allows for faster degassing of the oil for a more complete oil fill.
- The fully automated system implements four independent Solenoid Valves and Optic Fluid Level Sensors to control the process with minimal operator interaction.
- The KeyDrill OFS can be operated in Auto or Manual mode. In Auto mode, the unit controls the direction of the oil flow based on the tank oil levels. In manual mode the operator can choose the flow direction. The Manual mode is useful to refill or drain the tanks. It allows the operator to manually select the tank to be refilled or drained through the single refill/drain port.
- The internal panels are completely removable and operational outside of the enclosure.
- All external connections feature quick connects for easy and fast connections. All oil connections have built in check valves to prevent oil leaks when hoses are disconnected during transportation or maintenance.
- Internal modules are designed for quick access and easy replacement. All internal connections feature quick connects, allowing for easy access to all components.
- Slim Design Cabinet (20" wide x 20" high x 10" deep) is made from 1/8" aluminum with a clear front cover.
- Oil Tanks are mounted inside the enclosure and no external tanks are required. The tanks are made from 1/4 inch thick acrylic with completely removable aluminum caps.