

VACUUM OIL IMPREGNATOR WITH SPIN & OIL HEATING SYSTEMS

Abbott Furnace offers a full-featured 24-inch vacuum oil impregnator with an integrated spin and oil heating system. This oil impregnation system is an efficient and essential tool for producing self-lubricating powder metal parts.

VACUUM OIL IMPREGNATOR FEATURES

Oil Impregnation Vessel

- Spring-assisted domed lid with swing bolts.
- Maximum pressure 100 PSI.
- Maximum vacuum 29" Hg.

Basket

- 24" OD x 30" H.
- Dual lifting brackets.
- 7.6 cubic feet of capacity.

Spin System

- 15 Hp hydraulic power unit.
- Minimum rotational speed – 400 RPM.
- Dual support of spin shaft.

Vacuum Pump

- 1 1/2 HP.
- Maximum vacuum – 29" Hg.
- Cycle time 5 to 8 minutes, depending on load.

Oil Reservoir

- 110-gallon storage capacity.
- 4.5 KW immersion heater.
- Maximum temperature – 250°F.

Controls

- Allen Bradley PLC.
- Footprint.
- 36" x 80".

