

## Unique Design Innovation



Our 1" and 2" Lobe Pumps feature a breakthrough engineering design that integrates the **Gearbox directly into the Pump assembly**. This eliminates the need for external couplings, ensuring a seamless and efficient drive system.

### Key Features

- **Integrated Gearbox** – Built as part of the pump assembly for compactness and reliability.
- **No Coupling Required** – Direct connection reduces vibration, misalignment, and wear.
- **Motor Flange Mounting** – Pump adaptor is fixed directly to the motor flange, simplifying installation.
- **Low Maintenance** – Fewer moving parts mean reduced downtime and lower service costs.
- **Efficient Power Transmission** – Direct drive ensures maximum torque transfer and energy efficiency.

### Benefits for Industry

- **Space-Saving Design** – Compact footprint ideal for constrained installations.
- **Quick Installation** – No alignment checks or coupling adjustments required.
- **Enhanced Reliability** – Reduced mechanical failures and smoother operation.
- **Cost Efficiency** – Lower spare part inventory and reduced lifecycle costs.

### Application

Perfect for industries requiring **precision, hygiene, and reliability**, including:

- Food & Beverage Processing
- Pharmaceuticals
- Chemicals & Specialty Fluids
- Dairy & Confectionery