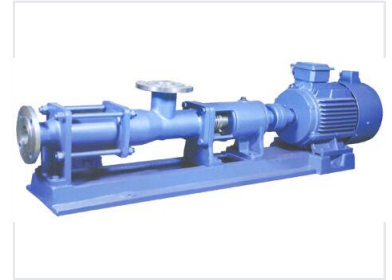
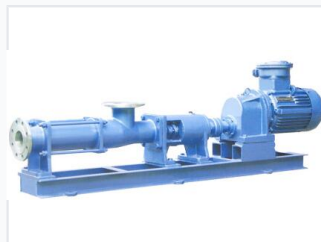
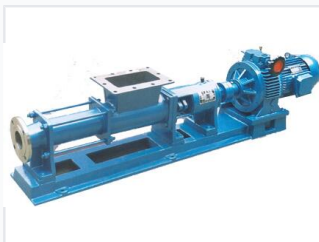


# Single Screw Positive Displacement Pump

This pump transfers various fluids with high viscosity using a positive displacement mechanism. Its single helical rotor design ensures a smooth, pulsation-free flow.



## ADDITIONAL IMAGES



## Product Overview

### G Series Single Screw Pump

The G Series is a high-performance positive displacement pump engineered for handling complex fluid mediums, including high-viscosity slurries up to 200,000 centipoise. Utilizing a single helical rotor rotating within a stationary stator, it creates a progressing cavity design that ensures gentle, pulsation-free flow with minimal shear. This versatile pump is ideal for demanding industrial applications requiring the handling of abrasive solids, fibers, and shear-sensitive liquids.

## Performance Metrics

### Operating Speed

**500 rpm**

Minimum Speed

**960 rpm**

Maximum Speed

### Viscosity Capacity

200000 cP

### Compatible Mediums

High Viscosity Slurry, Solid Suspensions, Fiber-containing, Shear-sensitive, Emulsions

## Application Suitability

### Key Industries

- Food & Beverage (Liquor, Wine, Additives)
- Textile (Dyes, Printing Ink, Nylon Powder)
- Paper-making (Black Liquor)
- Petrochemical (Oil, Grease)
- Chemical Processing (Soda, Salt, Suspensions)

## Design Features

### Operational Capabilities

Self-priming • Reversible Flow • Pulsation-free • Low Shear