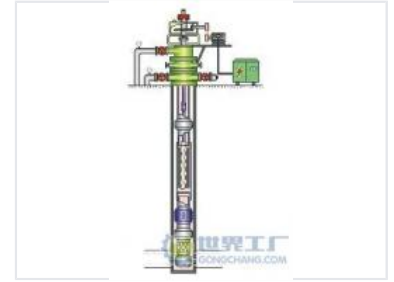


Single Screw Oil Pump Unit

The single screw oil pump unit includes an electric control box with normal and frequency conversion control options. It is available with horizontal and vertical ground driving devices.



Product Overview

High-Efficiency Single Screw Oil Pump Unit

The Single Screw Oil Pump Unit is a robust extraction system engineered for high-volume oil transfer in industrial oil fields. It features a versatile modular design that supports both horizontal and vertical driving configurations, complemented by advanced frequency conversion controls for precise speed regulation. This comprehensive system is built to API standards, ensuring compatibility, reliability, and safety across various well depths and operating conditions.

Drive and Control

Motor Power Range

5 kW

Minimum Power

55 kW

Maximum Power

Driving Devices

- Horizontal (WL BQ)
- Vertical (LL BQ)

Control Configurations

Normal Control (GLB-1), Frequency Conversion Control (BGLB-1)

System Components

BOP Specifications

Parameter	Value
Structure	Bidirectional rubber valve core
Vertical Diameter	76 mm
Sealing Pressure	7 MPa

Rod Specifications

Component	Standards	Available Sizes
Light Bar	Grade D, H	28, 38, 42, 48 mm
Sucker Rod	API Spec 11B, Grade D/H	22 - 42 mm
Short Rod	API Spec 11B	0.5 - 3 m lengths

Regulatory Standards

API Spec 11B • API Spec 5CT • Flameproof Motor