



# 6500 Series

## Vertical Process Pumps



*Kerr Pump and Supply, established in 1905 and located in suburban Detroit, is the most respected name in vertical process pumps. Our innovative, heavy duty, time proven design combines advanced hydraulic engineering with mechanical craftsmanship to meet a wide range of industrial applications. Each pump is engineered with the objective of performing on a continuous duty operation with the longest life and a minimum amount of maintenance. With domestically poured castings, in-house machining and assembly, we proudly place a "Made in America" label on all our Haynes Pumps.*

*Our Kerr/Haynes vertical pumps handle the varied requirements of metal finishing, parts washing, and industrial chemical process industries. Simplicity of design eliminates pump priming, troublesome shaft sealing problems and the inherent maintenance costs of mechanical seals.*

*Outstanding quality features included in every pump contributes to longer pump life. Each component has a machined registered fit at all assembly points to assure positive alignment and vibration free service. Kerr/Haynes pumps are a sound investment in the best available technology – at no additional cost.*

## 6500 Series Vertical Process Pumps

### ▣ External Impeller Adjustment

Impeller can be adjusted to change running clearance, making it easy to restore near original pump performance without dismantling the pump.

### ▣ Bearings

Precision ground, heavy duty grease lubricated bearings are mounted above the coverplate for ease of maintenance and sized to exceed maximum pump loads.

### ▣ Dual Shaft Seals

Designed to prevent dirt, vapors, and moisture from entering lower bearing area.

### ▣ Shaft

Heavy duty shaft of high strength materials is turned, ground, polished, and sized with the optimum diameter and bearing span to eliminate deflection problems.

### ▣ Impeller

Semi-open with extra heavy vanes for outstanding performance and resistance to wear. Allows some small solids handling capability. Wiper vanes on backside of shroud prevent material accumulation and pump binding.

### ▣ Throttle Bushing & Slinger

Restricts liquid from entering the column area and prevents liquid from traveling up the shaft.

### ▣ Pump Down Recirculation Line

Creates a liquid seal in the throttle bushing area. This optional service promotes tank pump down capabilities.

### ▣ Powerframes

Two sizes handle the whole line, which means less parts to stock

### ▣ Materials of Construction

Pumps are available in all iron, s.s. fitted, 316 s.s., and carpenter 20 construction below the coverplate.

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### Advantages

- ▣ Externally adjusted impeller – always primed
- ▣ Minimum maintenance costs
- ▣ No stuffing box leakage
- ▣ Lower installation costs
- ▣ Less space required
- ▣ Tank pumpdown option

### Applications

- ▣ Parts washers
- ▣ Spray booths
- ▣ Paint systems
- ▣ Coolants
- ▣ Plating
- ▣ Phosphatizing

### Capabilities

- ▣ Capabilities to 3000 GPM
- ▣ Heads to 240 feet
- ▣ Temperatures to 180°F
- ▣ Cast iron and alloy construction
- ▣ Flexibility on pump extensions and deliveries
- ▣ Double volute casings for reduced side load



**Haynes Pumps** a Division of Kerr Pump & Supply, Inc.

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