

# Industrial Screw Air Compressor

This industrial screw air compressor is designed for continuous operation. It features a control panel for monitoring system parameters and emergency shutdown capability, making it suitable for various industrial applications requiring compressed air.



## Product Overview

### Industrial Screw Air Compressor

This industrial screw air compressor is engineered for continuous, high-efficiency operation in demanding environments. It utilizes advanced rotor technology to minimize pressure drop and maximize thermal efficiency, ensuring reliable performance. Built with high-intensity materials and precision-machined components, this system offers exceptional durability and longevity for various industrial applications.

## Technical Specifications

### Rotor Materials

- Rotor A (Active): High-intensity manganese steel
- Rotor B (Forced): Ductile iron with abrasion resistance

Rotor Profile Precision	0.005 mm
Surface Roughness	RA 0.1~0.2µm

## Performance Metrics

### Efficiency Gains

**25 %**

Pressure Drop Reduction

## Manufacturing Standards

Precision Equipment Used	HOLOROYD Rotor Machine, KAPP Precision Grinder, KLINGELNBERG Precision Grinder
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