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PCL-R200 Reciprocator

Frequency Conversion Lift for Enhanced Powder Coating Line Performance

This Frequency Conversion Reciprocator is an essential component for modern powder coating lines, specifically engineered to integrate seamlessly with advanced powder coating machines. It serves as a fixed-gun automatic spraying unit in electrostatic powder coating and electrostatic powder spraying production systems, delivering precision and reliability where it matters most.

Designed to enhance the flexibility of your powder coating line, the lift features steplessly adjustable ascending/descending speeds and upper/lower limit stops, along with non-contact reversing for smooth operation. A single unit can carry 2 to 6 spray guns, with gun mounts utilizing universal joint connections for full adjustability in position and height. Equipped with a frequency converter and touch-button controls, it ensures stable, user-friendly performance tailored to diverse coating tasks.

Built to endure the demands of industrial powder coating machines, the lift incorporates eight specially formulated rollers that grip the square tube guide rail from four directions. Chain–driven for vertical movement, this setup guarantees stable, low–noise operation with minimal wear. High–precision position sensors feed encoded signals to the control board for real–time adjustment, enabling stepless control over reversal points, multi–segment speed settings, and reliable limit protection—all without overtravel.

Type: PCL–R200 Reciprocator
Voltage: 110/220VAC
Coating: Powder Coating
Substrate: Steel
Core components: Control Panel
Frequency Transformer: Mitsubishi Brand
Drive chain: Synchronous belt + steel chain
Motor Position: Outside of the base
power(w): 0.75kW
Frequency: 50–60HZ
Lowest Travel Point: 0.7meter
Stroke: 2 meter
Full Height: 3.2meter
Total Weight: 318KG/NW. 447KGS/GW
Packaging: 3.8m*0.76m*0.91m
Place of origin: Shandong, China
Bbrand name: ShengTai
Dimension(l*w*h): 3.8m*0.76m*0.91m
Warranty: 1 Year
Certification: CE