

NexBot Robotics

762-001 Joint Overhaul Kit for R-50/R-100 Series

NexBot Robotics

SKU: NXB-KIT-762-001 | Category: Wear Parts & Consumables > Robot Maintenance Kits > Joint Overhaul Kits

Overview

The NexBot Robotics 762-001 Joint Overhaul Kit provides all essential components required to perform scheduled preventative maintenance on the high-load J2 and J3 axes of R-50 and R-100 series articulated robots. This comprehensive kit is designed for facilities technicians and certified service engineers to restore original robot performance, addressing common wear conditions such as increased backlash or positioning inaccuracies that can develop over thousands of operational hours. By bundling all necessary parts under a single SKU, this kit simplifies the procurement process, reduces the risk of ordering incorrect components, and ensures that maintenance procedures can be completed efficiently with minimal downtime. Key benefits include the restoration of motion accuracy and the extension of the robot's operational lifespan. All included components are manufactured to original equipment specifications, guaranteeing perfect fitment and function. The kit is specifically engineered for robots operating in demanding, high-cycle applications like automated welding, machine tending, and palletizing, where consistent performance is critical to production quality. The included high-strength Grade 12.9 fasteners ensure that all mechanical interfaces are secured to the correct torque specifications, maintaining structural integrity under maximum payload conditions. This kit is recommended for service at or before the 8,000 operational hour interval as part of a structured preventative maintenance program. Following the official NexBot Robotics service manual during installation is mandatory to ensure safety and proper function. The use of this kit helps maintain the robot's original repeatability and payload capacity, protecting your automation investment.

Technical Specifications

Parameter	Value	Unit
Weight	8.5	kg
Country of Origin	KR	
Dimensions	450 x 300 x 200 mm	

Safety Notice: This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).

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