

NexBot Robotics 762-004 Joint Overhaul Maintenance Kit

NexBot
Robotics

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Overview

The NexBot Robotics 762-004 Joint Overhaul Maintenance Kit provides all necessary components to perform a complete preventative maintenance overhaul on the major axes of compatible articulated robots. This kit is engineered to restore the robot's original performance specifications, ensuring continued accuracy and reliability in demanding production environments. By replacing critical wear items at the recommended service interval, this kit helps prevent costly unplanned downtime and extends the operational life of your automation investment. Key features of this kit include precision-matched components that meet or exceed original equipment specifications. Each part is designed for a direct fit, simplifying the maintenance process for trained technicians. The contents are specifically curated for the J1, J2, and J3 axes, which bear the highest loads and are most critical to the robot's overall kinematic accuracy. Regular overhaul using this kit helps maintain the robot's specified repeatability and positioning accuracy, which is essential for applications like automated welding, precision assembly, and machine tending. This maintenance procedure is recommended every 8,000 operating hours to ensure sustained performance and safety. The kit includes all the necessary fasteners, plugs, and fittings required to complete the service according to the official NexBot Robotics maintenance manual. Using a genuine NexBot Robotics kit guarantees compatibility and preserves the integrity of your equipment. This proactive approach to maintenance is a cornerstone of a successful asset management strategy, reducing the total cost of ownership by avoiding catastrophic joint failures and associated production losses. This kit is intended for use by certified service personnel and is a critical part of the scheduled maintenance plan for NexBot R-50 and R-100 series robots.

Technical Specifications

Parameter	Value	Unit
Weight	7.5	kg
Country of Origin	SE	

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

