

# NexBot Safety 921-008 Preventive Maintenance Plan

NexBot  
Robotics

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## Overview

The NexBot Safety 921-008 Preventive Maintenance Plan is a structured service agreement designed to maximize the reliability and lifespan of your NexBot robotic systems. This plan provides a comprehensive, on-site inspection and servicing by a certified technician to proactively identify and address potential issues before they can lead to costly unplanned downtime. By adhering to a regular maintenance schedule, facilities can ensure consistent performance, maintain safety standards, and extend the operational life of their automation assets. The core of this maintenance plan is a detailed, multi-point inspection process covering every critical component of the robot. Our technicians methodically examine mechanical systems, including joint integrity, backlash, and balancer condition. Electrical systems are thoroughly checked, from cabinet connections and fan operation to the integrity of external cabling and connectors. The service includes the replacement of specified consumable parts, re-lubrication of joints according to factory specifications, and a full system backup to protect your programming. This scheduled intervention is designed to be completed within a single service day to minimize disruption to your production schedule. Key deliverables of the 921-008 plan include a comprehensive diagnostic report, a summary of all work performed, and recommendations for any necessary future repairs. The standard service interval is set for every 4,000 operational hours or annually, whichever comes first, aligning with best practices for industrial machinery. This proactive approach is ideal for demanding applications in manufacturing, logistics, and assembly where robot availability is critical. It provides predictable maintenance budgeting and helps ensure your robotic systems continue to operate at their original performance specifications.

## Technical Specifications

Parameter	Value	Unit
Country of Origin	CH	

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