

# Benefits of Preventative Maintenance

Preventative maintenance programs offer several key advantages, including:

**1. Extended Asset Lifespan**

A well-structured preventive maintenance schedule ensures that assets remain in optimal condition throughout their lifecycle by conducting regular servicing and inspections.

**2. Cost Savings**

Identifying potential failures before they occur allows teams to plan maintenance tasks at the most convenient and cost-effective times. Preventative maintenance also helps reduce the need for expensive emergency repairs and optimizes spare parts management.

**3. Reduced Unplanned Downtime**

Proactively maintaining and inspecting critical equipment can significantly decrease the risk of unexpected failures and downtime, ensuring consistent, uninterrupted operations.

**4. Improved Workplace Safety**

Preventative maintenance programs include procedures to detect equipment issues before they become safety hazards, contributing to a safer work environment.

## Maintenance Levels Overview

Basic	Standard
Basic maintenance and inspection tasks, including:	Includes everything in Basic, plus:
<ul style="list-style-type: none"><li>• Cleaning machine covers</li><li>• Replacing wipers</li><li>• Adjusting module carriage and replacing oil felt</li><li>• Checking Y-belt tension</li><li>• Testing and lubricating X-bearings</li><li>• Basic frame leveling check</li><li>• Functional machine testing</li><li>• Checking X-belt tension</li></ul>	<ul style="list-style-type: none"><li>• Leveling table plates</li><li>• Replacing conveyor (if applicable)</li><li>• Adjusting left/right X-belt tension</li><li>• Maintaining tools and modules</li><li>• Inspecting ITI/AKI systems</li><li>• Disassembling module carriage</li><li>• Inspecting safety systems</li><li>• Squaring the beam</li><li>• Checking feed elements</li><li>• Testing maintenance unit</li><li>• Verifying camera and laser pointe</li></ul>

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