

EZ-MACHINE TENDING – INCREASE EFFICIENCY AND PRODUCTIVITY

Imagine an operation that effortlessly maximizes spindle time and enhances machine efficiency – that’s what Lyndex-Nikken’s EZ-Machine Tending can help you do. Our modular and scalable products are crafted with simplicity in mind, ensuring a stress-free entry into Industry 5.0 and smart factory capabilities. We get it – the challenges you face are real, and our mission is to simplify your journey towards unattended machining without requiring a high skill level in robotics or machine tending.

It’s not just about machine tending; it’s about making your job easier. Our user-friendly approach means you

can seamlessly integrate and navigate our products, all while keeping costs in check. Whether you’re aiming for unattended machining or analyzing machine data for process improvement, Lyndex-Nikken is here to support you – and you don’t need to be a tech whiz to make it happen.

Let’s make your machine shop thrive with streamlined operations, improved processes, and a bottom line that reflects your success. Lyndex-Nikken is your partner in progress and we’re here to make machine tending work for you - no advanced robotics degree required.

Additional EZ-Machine Tending Products Include:



EZ-AUTOCART
Easily Automate CNC Machine Tending



EZ-COB
CNC Machine Tending Solution



SCAN TO LEARN MORE ABOUT OUR EZ-MACHINE TENDING SOLUTIONS



EZ-BOT
Automatic Work Changer for CNC Machines



EZ-TEND
Modular CNC Machine Tending Platform

EZ-SMARTTOWER



INCREASE MACHINE SHOP EFFICIENCY WITH MACHINE TRACKING SYSTEM

The new **EZ-SmartTower** is designed to streamline ROI analysis



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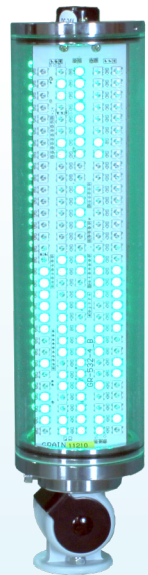
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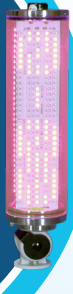
MACHINE TRACKING AND BOTTLENECK ANALYSIS AT YOUR FINGERTIPS

In today's machine shop, where there is fierce competition for skilled workers and variable costs pose constant challenges, the solution to thriving lies in embracing machine tracking. With over 45 years of trust on machine shop floors providing quality tooling, rotary tables, presetters, and machine tool accessories, Lyndex-Nikken now offers a machine tracking solution that is designed to give you a competitive edge.



EZ-SmartTower Includes:

- EZ-SmartTower unit
- One-time app purchase
- Intuitive graphical app
- No annual subscription fees
- App empowers user analysis



Harness the Power of Machine Data

Embark on a new era of automation with Lyndex-Nikken's innovative EZ-SmartTower machine tracking solution that is easy to install on CNC lathes, mills, and similar machines.

This cutting-edge technology empowers machine shops to automate the production data (i.e. uptime, idle time, error time, alarms, part making, operators) collection, enabling data analysis to identify bottlenecks, make improvements, increase spindle time, and enhance overall machine efficiency. Embrace modern technology and the seamless integration of machine tracking into your manufacturing process.

Increase Machine Shop Efficiency

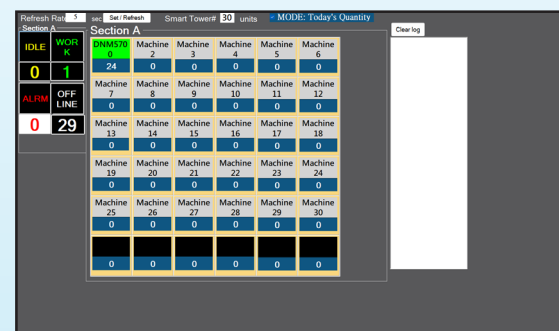
The EZ-SmartTower is a modular, easy to use, and cost-effective machine tracking solution that is scalable across all machines in your shop. It enables stress-free entry into Industry 4.0/5.0 or being a smart factory that helps you analyze your machine ROI. The EZ-SmartTower not only provides comprehensive data tracking for machine performance but also offers real-time insights, enabling businesses to optimize processes, track employee contributions, and boost overall operational efficiency. Using the EZ-SmartTower can provide:

- Enhance overall shop efficiency by minimizing downtime and maximizing machine utilization
- Cost effective measurement of machine throughput by analysis of operator and machine performance
- Machine data to facilitate in-depth analysis for process optimization and bottleneck identification
- Visual feedback to empower operators to stay informed, enhancing workflow efficiency
- Provides data for employee incentives based on performance
- Real-time status of machines allowing for on-the-fly decision making
- EZ-SmartTower allows operational managers to display and monitor up to 30 machines at one time from one centralized computer



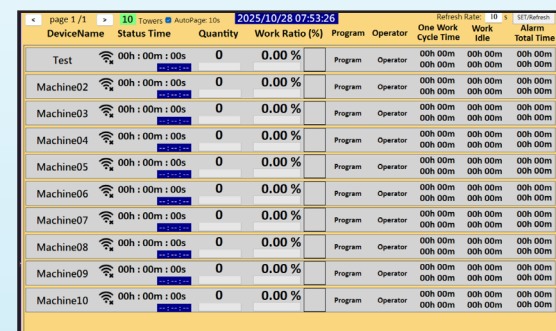
Home Screen

Intuitive hub to access data analytics



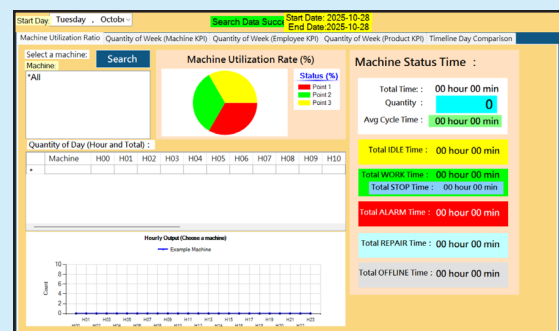
Machine Map

Live status of machine



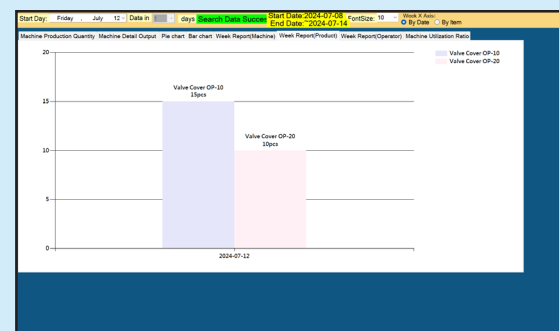
Tower Detail

Monitor and track shop floor



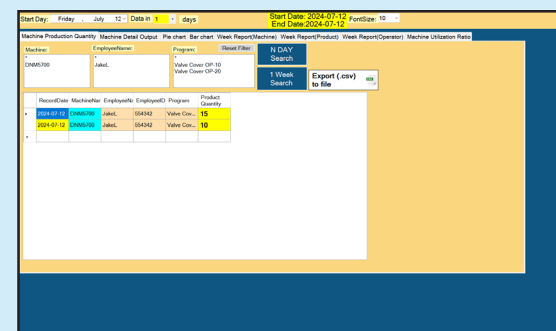
Machine Utilization

Machine utilization rate and tracks idle work and alarm time



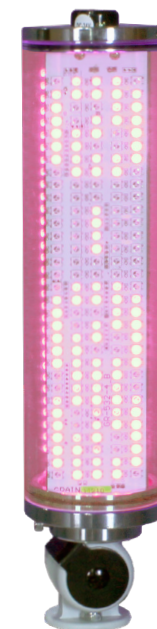
Throughput Tracking

Efficiency tracking for machine, employee, and part



Day Report

Employee and machine productivity for the day



EZ-SMART TOWER FEATURES

The capabilities of the EZ-SmartTower include:

- Accurately logs machine cycle counts
- Records idle, cycle, and error times for spindle efficacy tracking
- Logs data for analytics with details such as operator name, machine name, and part name
- LED light indicates machine status while displaying current cycle time or idle time
- WiFi enables data to transfer in real time
- Included apps allow data collection of up to 30 machines to one dedicated, central computer
- Data output in charts or download to a CVS file can be refined with filter criteria for daily or weekly analysis