Useful Tool for Operator to Run Everything Better!

Value Added Benefits

- Optimize Utilization
- Anticipate the Causes
- Automatic Reporting Service
- Preventive Maintenance Reminder
- Extract maximum usage from a saw blade
- Real Time Alarm Notification
- Overall KPI Review
- Cost per Cut Analysis

SAWLOGIX

ISO   F-A-32 FLYER-CPC Go-en-V2

KEEP YOUR MACHINE RUNNING !

Industry 4.0 Solution - MechaLogix is your ideal partner to help save time, save cost, and earn money!

Mechalogix™ Specification	Standard
Mobile Cloud Service	●
Machine Use Tracking	●
Machine Status Monitor	●
Machine Utilization Rate	●
Machine Alarm Notifications to Mobile Device *	●
Cutting Job Monitor *	●
Cutting Parameters Tracking	●
Blade Use Tracking	●
Blade Health Assessment	●
Blade Life Prediction *	●
Automatic Reporting Service	●
Online Access & User Management	●

Mechalogix™ Specification	Option
Energy Consumption Report	☐
Coolant Monitor (Thermo/Flow rate/Amperage/PH)	☐
Cutting Quality Inspection *	☐
Data Bridging Customization	☐
Cost per Cut Analysis	☐
QR Code Input Available	☐
TV box for Workshop Bulletin Screen	☐
Dynamic Parameter Suggestion - AI Cutting * (Cosen Servo Feeding Machine Only)	☐

*Available as standard on select Cosen models. Please contact us.

MECHALOGIX™
COSEN SAWS

www.mechalogix.com   www.cosen.com

✉ info@mechaLogix.com

Charlotte, NC, USA | Venlo, The Netherlands
Taichung, Taiwan | Kunshan, China

MECHALOGIX™ CPC Connect
WE SAW THE FUTURE

CPC-Go · CPC-100
Install on Any Bandsaw

www.mechalogix.com

Optimization of Utilization

Mechalogix allows your equipment to increase uptime significantly It shows the progress of the cutting process of the blade speed, feed, and tracking data to provide the user with the optimum input parameters. Also, by providing the overall health status of the machine components, downtime is decreased by 33% due to active preventative maintenance.
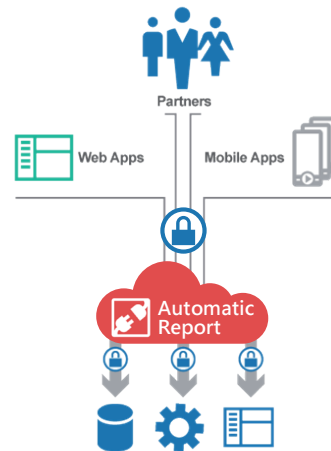
Labor Saving

Mechalogix is able to reduce the labor cost by 30%. Typically, overall productivity is negatively impacted by inadequate manpower and the lack of experience. Mechalogix provides a low cost method to help optimize the output & profit margins data analysis for better deicion making.

Precision Output Information

Mechalogix, working in conjunction with the Q-Cut QR Reader package enables the HMI to easily and accurately input all cutting jobs.
Mechalogix sensors and computer technology can synchronize with any workflow to output useful data for analysis.

Data Center Bridging

MechaLogix cloud allows data bridging and professional interface customization.

Partners
Web Apps   Mobile Apps

Automatic Report

Workshop Bulletin Board

More Euipped with:

TV Box (Android system embedded)

Display Screen

*Recommended : 40'' UHD TV

Mechalogix Optimizes Production and Profitability
Maximizing Your Saw's Potential!

Cutting Time — 01
Cycle Time
Cutting Rate
Blade Speed
Feed Speed
Machine Utilization Rate
Machine Motor Usage
Blade Hydraulic Tension Time
Threshold Adjustable Pre-Alarm

Blade Health Assessment — 02
Blade Life Prediction

Coolant Flow Rate — 03
Coolant Level

Main Motor Amperage — 04
Gearbox Temperature

Hydraulic Temperature — 05
Environment Temperature
Coolant Temperature
Coolant PH