

# Collision Warning System (CWS)

Improving SAFETY with new equipment and advanced technology.

## Features

- Improved human performance
- Increased awareness
- Laser scanning
- Installs as a tool
- Improved safety
- Audible and visual indicator
- More versatility

## Benefits

- Prompt operator notification
- Advanced scanning of bridge blind spots
- Improved IVVI platform safety
- Customizable screen
- Reduces bridge/tool damage
- Increased safety awareness in Reactor/SFP work area

## Additional Stearns Roger® Products

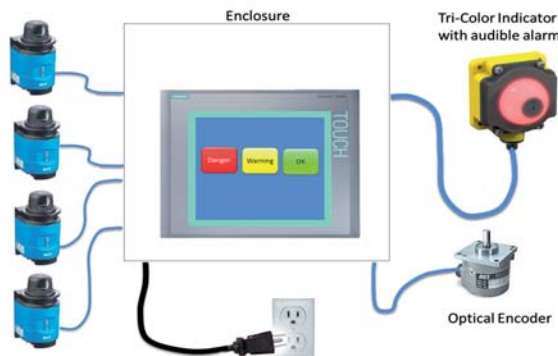
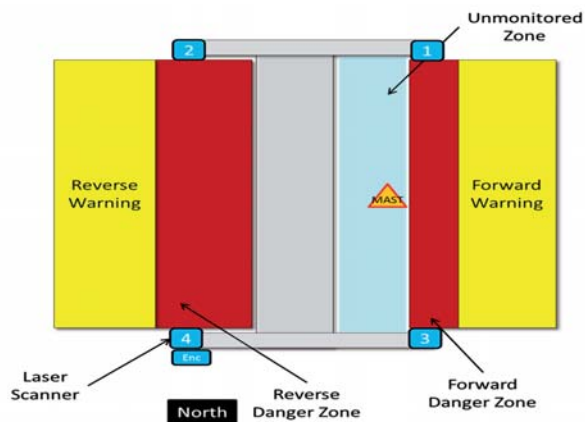
Fuel Handling Equipment

- Improved 17x17 gripper
- ZZ tape replacement
- Automated controls
- Bridge & Trolley Tracking System (BATS)

## Convenient Stearns Roger® Services

Fuel Handling Equipment

- Upgrade installation
- Replacement installation
- Preventive maintenance
- Outage support



## Operating Features

- Early warning of possible obstruction during refuel bridge movement; improved human performance
- Increases human safety
- Increased awareness; monitor bridge blind spots
- Precise scanning of trolley and bridge areas during refueling bridge operation
- System architecture and design based on proven technology with improved safety and reliability; laser scanning
- Advance scanning system that provides a highly accurate obstruction identification tool that is customizable for each spent fuel pool/reactor bridge configuration; installs as a tool
- Human machine interface/PLC for increased reliability
- Use with the bridge and trolley tracking system; added safety
- Warning/danger alarm; audible and visual indicator
- Adaptable to virtually any pool, reactor core, and bridge type; added versatility
- Simple set-up, operation, and maintenance menus

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