

# OVERHEAD EYE-CLEANER

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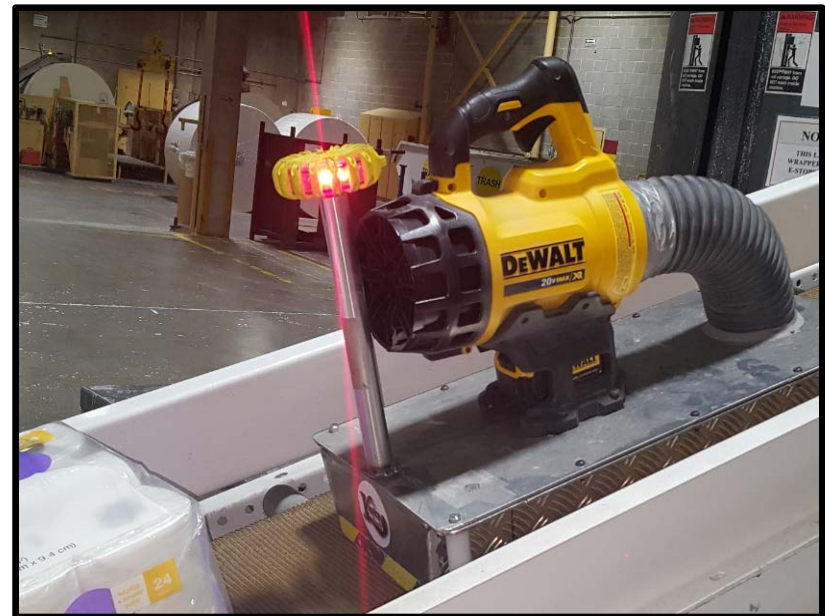
Photo eyes on the overhead product lines would become dusty resulting in unwanted machine interaction. Operations and maintenance employees would use ladders and aerial lifts to clean the photo eyes on miles of overhead lines, exposing the employees to fall hazards.



Designed overhead photo eye cleaner that keeps employees safe at floor level. Mounted a Dewalt 20-volt blower that moves 400 CFM of air through six specially designed cleaning outlets. Cleaner is placed on a moving product line and actively cleans the overhead photo eyes along the way. Cleaner is removed at ground level once it reaches the robot area.



- Eliminated the practice of using ladders and aerial lifts that expose employees to falls.
- Automated the photo eye cleaning process, freeing employees for other tasks.



- Reduced production upsets for photo eye cleaning.
- Eliminated machine interaction caused by photo eye faults.





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the overhead eye  
cleaner.

