



A Revolutionary Modular Belt Cleaning Sprocket

- Innovative Technology In Cleaning Plastic Conveyor Belt
- Designed To Clean Hinge and Hinge Pin Recesses
- Cost Effective Solution To Belt Sanitation Problems
- Reduce Water Usage During Conveyor Cleaning
- Reduce Downtime Caused By Start-Up Delays
- Reduce Labor Costs In Cleaning Conveyors
- Simple, Fast Installation



Technical Information

- Ultra-Grip Teeth Design
- Natural UHMW – Polyethylene
- Unique Engineered Nozzle Spray Pattern
- 304 Stainless Steel Spray Nozzles
- 304 Stainless Steel Shaft
- High Pressure Water Not Required
- Available in 4, 6, and 10 Inch Diameters
- Available in most Manufacturers Belt Styles
- USDA Approved Materials of Construction
- Stainless Steel Rotary Coupling Installed, (Rated at 600 PSI)
- MODULCLEAN Rated At 1,000 PSI
- Usually Replaces Existing Tail Shaft and Sprockets
- No Additional Plumbing Required





Reduction in Water Usage during Cleaning Cycle

MODULCLEAN Capacity in Gallons per Minute (Each Nozzle)

PSI	60	80	100	150	200	300
GPM	1.2	1.4	1.7	1.9	2.2	2.7

The total gallons per minute flow are determined by the number of nozzles on each MODULCLEAN. (The number of nozzles varies with the width.)

Example: An 18 inch wide MODULCLEAN has 16 nozzles.

Using plant water pressure of 80 PSI, calculate the water capacity as follows:

$$16 \times 1.4 = \underline{22.4 \text{ Gallons per Minute Capacity}}$$

VS

Water Hose Capacity in Gallons per Minute (3 /4 Inch Hose X 100 Ft.)

PSI	60	80	100	150	200	300
GPM	22	<u>26</u>	29	36	42	48

These charts show a significant reduction in water consumption using MODULCLEAN, especially if more than one hose is being used. In addition, using MODULCLEAN, the water is always placed on the area of belt to be cleaned.

Microbial Testing

The following data was gained by independent Swab Tests on a Conveyor using a MODULCLEAN. The Swabs were sent to, and results report by, Siliker Laboratories, Inc. The tests were conducted over a two week period.

Swab Test 1 = Total Plate Count < 100; Ecoli < .03

Swab Test 2 = Total Plate Count < 100; Ecoli < .03

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