

Glacier: The World's Only Fiber Robot

Built for wide belts, paper purity, and zero downtime.

Why Fiber QC Lines Choose Glacier

Fiber lines are wide, fast, and film-heavy. Glacier was engineered for that reality.

Wide-belt coverage
Reaches across **belts up to 80 inches** wide

Compact footprint
Fits anywhere a human can stand (3ft footprint)

Film-ready pneumatics
Proprietary vacuum system handles films & flexibles without clogging.

95% uptime
Proven reliability in high-abuse MRF environments.

ROI in months, not years
Typical payback < **10 months**, vs 3+ years months for many competitors.

Smarter AI
Trained on data from **10% of U.S. households**, millions of real fiber-line items – not a lab dataset.



One of our fiber QC robots in action at Recology

Case Study | California Fiber QC Line

+17% Paper Purity | 95% Uptime | 8-Month Payback

A 500-TPD MRF installed three Glacier robots downstream of an optical sorter to remove film and black plastics.

"We've tried most robots on the market. Glacier is our preferred vendor. The footprint, ROI, anti-clogging – it just makes sense." – Vice President, California MRF

⚙️ Performance at a Glance

Metric	Glacier Fiber Robot	Typical Competitor
Belt Width	Up to 80 in	~48 in
Uptime	95%	70-90%
Payback Period	8-10 mo	36+ mos
Film Handling	Yes (anti-clog)	No
Robot Footprint	~3 ft (anywhere a person can stand)	5-8 ft (2-3 stations)

🔩 Built to Recycle

Power
240 V single phase, 35 A

Air
50 cfm @ 90 psi

Belt Speed
Up to 240 ft/min

Belt Width
Up to 80 inches

Environment
High-intensity / variable lighting

Performance
45 successful picks per minute (real MRFs)

♻️ What's Next

From paper QC to film recovery, Glacier's fiber robot is redefining what a sorting robot can do. **Smaller footprint. Higher purity. Lower cost.**

