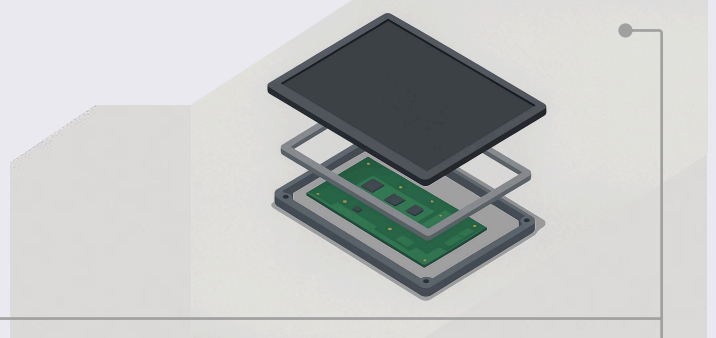


E-Plastic Harvester™

Machine vision recovery for plastics from flat-panel display shells.

Seeking partnerships and opportunities to sort flat-panel display enclosures at speed and scale with visual, XRF, and proprietary sensing. Our next partners will be e-waste recyclers, dismantlers, demanufacturers looking to recover sellable plastics.



Why should we harvest these plastics?

ABS, PC, and PS/HIPS are valuable in existing domestic PCR markets if sorted properly. Harvesting flat panel enclosures with part level vision sorting improves recovery rates, and substantially improves PCR quality.

What does a partnership look like?

We deploy the next E-Plastic harvester™ system for your demanufacturing line then tune the system to separate and trace parts to connect with regional PCR markets.

This machine learning technology enables profitable recycling outcomes for flat panel display dismantlers.

Start with a small system then build to full capacity once PCR buyer relationships are established.

Volumes

Seeking partners processing (or intending to process) more than 250,000 lbs flat panel displays each year. More is better for everyone involved.

Form Factors

We deploy handheld and in-line conveyor devices. Full integration is the goal.

Our Team | Reclamation Factory

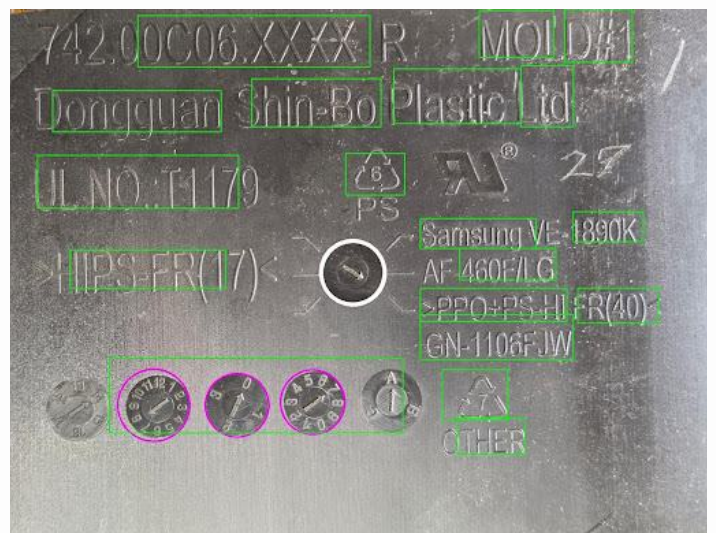
We are roboticist, engineers, and product innovators. Please help us solve the right problems.

Is shredding a barrier to e-plastic harvesting?

No. However, part form separation should take place before size reduction. This approach reduces system wide labor, maintains data security, and helps with hazard containment.

PCR contamination | Prevent it

Earn better prices from PCR buyers with verifiable quality reports. Validate bale spec before shipping with part, bale, and batch level data.



E-Plastic Harvester™ reads FPD back panel information: brand, manufacturer, resin, flame retardant, model number, part number, and more.

Connect With Our Partnership Development Team

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