



PERFECT SCORE TECHNOLOGIES

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Edge Deletion Machine (Single Axis) w/HEPA

Model: EDM

Designed for Low-E Glass Edge Deletion in Insulating Glass (IG) Production

The PST Single Axis Low-E Edge Deletion System provides a safe, efficient, and economical solution for removing soft-coat Low-E coatings prior to insulated glass assembly. Designed for consistent coating removal and maximum operator safety, the system combines precision abrasive deletion with an industrial continuous-duty HEPA dust collection system that captures hazardous coating particles at the source. Its heavy-duty welded construction, ergonomic ball caster table, and compact design make it ideal for both high-production and specialty glass fabrication operations.



Technical Specifications

- **Standard Table Size:** 60" × 96"
- **Optional Sizes:** 60" × 120", 60" × 144", 60" × 168", 72" × 144", and 72" × 168"
- **Power:** 120V single-phase standard; optional 230V single-phase (50/60 Hz)
- **Deletion Motor:** 1 HP, 3,450 RPM
- **Vacuum Blower:** Industrial continuous-duty turbo blower (22,000 RPM)
- **Machine Weight:** 700 lbs

Features and Benefits

- Removes soft-coat Low-E coatings for superior sealant adhesion during IG unit manufacturing.
- Precision 8" abrasive wheel powered by a **1 HP continuous-duty motor** for fast, consistent edge deletion.
- Adjustable deletion head compensates for abrasive wheel wear, maintaining consistent performance.
- Integrated industrial turbo vacuum captures hazardous coating dust directly at the point of removal.
- Washable, reusable HEPA filtration system helps maintain a cleaner and safer work environment.
- Precision-engineered dust hood focuses maximum airflow where the abrasive wheel contacts the glass for superior dust collection efficiency.
- Heavy-duty all MIG-welded steel frame with non-marking ball casters for smooth glass handling.
- Ergonomic tabletop cutout improves access when processing smaller glass lites.
- Ships partially assembled with bolt-on legs to reduce freight costs and simplify installation.

Why Proper Low-E Edge Deletion Matters

Soft-coat Low-E glass contains metallic coatings that prevent insulating glass sealants from bonding directly to the glass surface. Removing the coating around the perimeter of the lite creates a clean bonding surface, ensuring long-term seal integrity, improved insulated glass performance, and compliance with industry manufacturing standards. The PST Single Axis Low-E Edge Deletion System provides an efficient, repeatable process while helping protect operators by capturing potentially hazardous coating dust before it enters the work environment.

Model	EDGE DELETION MACHINE (Single Axis)	
	Shipping Specifications	
	Weight (Lbs.)	Dimensions (LxWxH)
EDM-48X60	570	64 x 54 x 48
EDM-60X96	859	100 x 66 x 48
EDM-60X120	965	124 x 66 x 48