



EDI® Remanufacturing Services

for Extrusion & Coextrusion Die Systems

What Sets Nordson Apart?

Nordson has been refurbishing die systems since 1971 - longer than any existing die manufacturer, rebuilding hundreds of dies a year. We also have a large supply of replacement parts for any legacy model or Nordson system. This extensive experience, combined with our commitment to helping customers optimize their processes, means we are able to help improve die system performance, while extending the life of your equipment.

Dedicated Remanufacturing Production Lane

Nordson dedicates an entire production lane to remanufacturing and aftermarket services. What does that mean for you?

- Rebuild production experts that focus on remanufacturing every day
- Machinery is dedicated solely to the rebuilding of dies allowing projects to be kept on their own schedule to ensure a quick turn-around to customers

Our Dedicated Aftermarket Staff

Nordson employs a group of Aftermarket Specialists, who focus their time and expertise on the engineering, production, and sales support of aftermarket services.

- This means you'll deal with a knowledgeable team, who can offer customized solutions for your exact needs
- Our Aftermarket team has access to the same technology services as our new product group, including the use of simulation software when modifications to your die are required

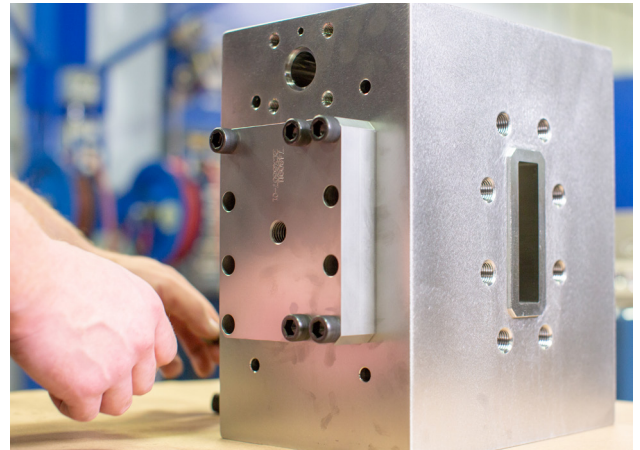
With Nordson's EDI® remanufacturing services, old dies can become virtually like-new, or better, with redesigned flow paths, improved components, and added process capabilities. This means increased productivity, reduced costs, and enhanced product quality for our customers.



EDI® Remanufacturing Service Offering

Our remanufacturing services include:

- Inspection
- Basic Cleaning (Split & Clean)
- Full Refurbishment
- Modifications
- Retrofits



Comprehensive Remanufacturing Approach

Nordson's rebuilding process includes a minimum of 21 steps:

Prior to Re-Plating:

- Inspection, re-tapping, and repair of all threaded holes
- Incoming die inspection
- Bead blasting
- Stripping of plating
- Precision grinding to restore flow channel gap specifications
- Restoration of entrance
- Polishing of flow channel
- Resurfacing ends
- Restoration of pilot dimensions
- Superfinishing of lands and lip faces
- Restoration of lip edge radius
- New chrome plating

After Re-Plating:

- Polishing and buffing of flow surfaces
- Grinding of lip faces and die body seal surfaces
- Superfinishing of land and applying lip edge radius to specification
- Blue test of seals to guarantee proper seal contact and that the flow channel outline matches
- Lap counter-bore
- Pre-assembly video inspection and documentation of final dimensions
- Re-assembly of die
- Inspection of electrical components and overall die assembly
- Visual inspection by Aftermarket engineer responsible for project

What are the results of a full refurbishment done by Nordson?

By sending your die to Nordson, you can expect:

- A high quality flow surface finish, which reduces mechanical transfer of defects, improves slip release, and lessens the potential for polymer degradation.
- Restored die body seals, which protect the integrity and alignment of the flow channel and deters leakage along the backline of the manifold.
- Restored flow channel and flatness of final land, which brings the die back to original dimensions and output capacity.

**A die restored by Nordson provides improved run times
between splitting and cleaning, as well as a flatter final product.**