



# Slot Die Remanufacturing Services

*Experience The Nordson Difference*



## What Sets Nordson Apart?

Nordson's extensive experience with all makes and models, combined with a commitment to helping customers optimize their fluid coating process, results in improved performance and an extended production life for your slot die.

- Refurbishing die systems since 1971 - longer than any existing die manufacturer
- Remanufacture hundreds of dies a year, with the capacity to refurbish Premier™ and Ultracoat™ dies, as well as those produced by other manufacturers
- Experienced team dedicated to the production and remanufacturing of slot dies and related components

## Our Remanufacturing Organization

- Nordson employs a group of knowledgeable fluid coating specialists, who combine for over 80 years of experience and focus their time and expertise on the engineering, production, and sales support of slot die systems
- Machinery is dedicated solely to the rebuilding of slot dies, allowing projects to be kept on their own schedule to ensure a quick turn-around to customers
- Optimized process allows remanufacturing jobs to "fast track" through production
- 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

## Available Remanufacturing Services

- *Full Die Refurbishment*: Recondition flow surfaces, seal surfaces, and lip face quality, plus confirmation of specifications to bring your die back to "Premier" condition
- *Lip Edge/Face Refurbishment\**: Recondition lip face quality to bring your die back to "Premier" condition  
*\*This option is ideal in cases where the converter's cross-web profile is acceptable*

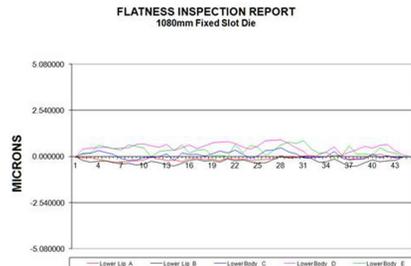
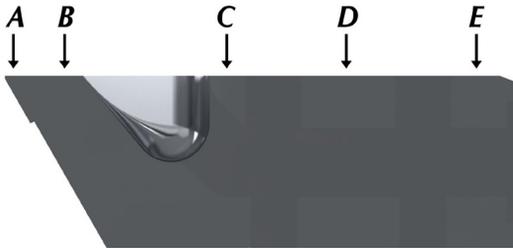
*With Nordson's slot die remanufacturing services, old dies can become virtually like-new, or better, with redesigned flow paths, improved components, and added process capabilities. This means increased productivity, reduced costs, and enhanced product quality for our customers.*



# Remanufacturing Services

## Flatness Inspection

Ensuring flatness is a critical part of our manufacturing process, leading to a more consistently finished end product. *This results in material and production cost savings for our customers.*



Results from a Typical Flatness Inspection of a Fixed Lip Slot Die

## Comprehensive Approach to Slot Die Remanufacturing

- Inspection, re-tapping, and repair of all threaded holes
- Incoming die inspection
- Disassembled and cleaned in preparation for remanufacturing
- Precision grinding to restore flow surface flatness to original specifications
- Restoration of entrance
- Polishing of flow surfaces, including manifold
- Precision grinding and finishing of lip faces to restore flatness to original tolerances
- Restoration of lip edge radius
- Pre-assembly video inspection and documentation of final dimensions
- Re-assembly of die
- Overall quality inspection of die assembly and test report by Quality Technician

## What are the Results of a Full Refurbishment Done with Nordson?

By sending your die to Nordson, you can expect:

- *A high quality flow surface finish*, which reduces mechanical transfer of defects and lessens the potential for coating defects
- *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... or better

***A slot die restored by Nordson provides improved run times, resulting in expected or better output capacity.***