



Nissei America, Inc.

FACTORY PERFORMANCE CALIBRATION SERVICE

*Ask yourself, how much does
downtime cost you?*



Machines that maintain their factory specifications are vital to steady production scheduling, less processing changes, and faster start ups.

Included in the performance calibration service:



ELECTRIC MACHINES

- Check load cell resistance
- Check injection stroke time
- Check platen parallelism
- Check and adjust belt tension
- Verify nozzle and barrel temperature board readings
- Adjust platen parallelism
- Calibrate load cell*
- Calibrate temperature readings*



HYDRAULIC MACHINES

- Check pump flow linearity
- Check pump pressure linearity
- Verify nozzle and barrel temperature board readings
- Check injection resin pressure
- Calibrate pump flow and pressure*
- Calibrate resin pressure and temperature readings*

*Denotes that calibration can affect processes, including validated processes and discrepancies, and it must be approved before calibration is performed. If performance calibration is not approved, the current results will be recorded and used as a baseline for future calibration services.



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See the next page for available options.

2025

**SAVE 10% ON
PARTS AND
SERVICE! ***



Electric < 200tf	Electric 200-500tf	Hydraulic < 200tf	Hydraulic 200-500tf	Hydraulic 500-1500tf	Vertical Machines	Specialty Machines
3 Labor Hours	4 Labor Hours	2 Labor Hours	3 Labor Hours	4 Labor Hours	Please Contact	Please Contact

Electric: ES and NEX (All Series)

Hydraulic: FS, PS, NS, FN, FV, FNX, and FVX

Vertical Machines: TWX, TNX, STX, TD, and TH

Specialty Machines: TM's, NUX, DC, and DCX

Contact your local office for a quote today

*10% discount is on additional parts and service only relating directly to the factory calibration. Exclusions apply. Contact your local office or parts department with questions regarding the discount.

**ADDITIONAL OPTIONS
FOR MAINTENANCE
AND INSPECTION
SERVICE**



ELECTRIC MACHINES

- Adjust belt tension at time of inspection
 - Replace belts at time of inspection (belts must be ordered prior to service visit)
 - Verify and calibrate all axis positions (ejectors must be disconnected)
 - Calibrate touchscreen
 - Verify clamp tonnage and calibrate individual tie bar stretch (*customer must install a true, square mold or agree to have tie bars adjusted to current mold installed)
 - Verify machine level
- *Adjustment of leveling can be performed without special equipment below 200t only.

HYDRAULIC MACHINES

- Verify and calibrate all encoder positions (ejectors must be disconnected)
 - Calibrate touchscreen
 - Verify and adjust clamp tonnage (most must meet minimum mold size for individual machines)
 - Calibrate injection resin pressure sensor
 - Verify machine level
- *Adjustment of leveling can be performed without special equipment below 200t only.

Please ask your local office for a quote for any of these additional options.
Service Office Locator: <https://www.nisseiamerica.com/service.html>

