

CONTRACT PRESS UPGRADES

Conversion to Variable Frequency Drive (VFD)

Conversion of press main drive motor to a press rated, inverter-duty motor with a VFD control.

Benefits:

VFD Controller:

- Provides higher performance throughout the full speed range.
- Reduces operating costs by maintaining an electrical power factor of up to 18% higher than eddy current motors.
- Provides tighter speed/torque control.
- VFD control replacement parts and support is readily available 24/7/365.
- 12-Month warranty as a standard on the VFD control.
- 24-Month extended warranty if the control is installed by a certified Nidec Press & Automation technician.
- Older, outdated models can be upgraded to newer drives with minimal interference.

Press Rated, Inverter Duty Drive Motor:

- 10:1 Torque speed ratio. Motor supplies constant torque from 10% to 100% of full speed.
- Provides longer life than a standard ac motor in VFD applications.
- Shielded motor cable included, increases motor bearing life by reducing electrical noise emissions and their negative effects.
- 36-Month warranty that is backed by Nidec Press & Automation and more than 1000 world wide service outlets.
- Significantly quieter than an eddy current motor.

Package Includes:

- Variable frequency control in wall mountable, NEMA 12 enclosure.
- Motor mounting parts and layout drawing for mounting modifications.
- 50 Feet of shielded motor cable (unless additional is requested by customer)
- Installation and VFD setup information.
- *Options which can be included:*
 - Installation and VFD commissioning by certified Nidec Press & Automation service technicians.
 - New main contractor.
 - Remote fwd/rev selector switch.
 - Remote speed control.
 - Remote speed & load meters.

