Dynamatic® press drives and digital controls

Stamp out downtime, insist on Dynamatic® OEM press drives and controls for:

- Minster Machine
- Brown Boggs
- Verson
- Danly
- Bliss Clearing
- Niagara
The success of your business depends on the reliable performance and durability of your machines. Dynamatic® has over 65 years of application experience designing and servicing drives for variable speed stamping presses. Keep your business running strong. Call Dynamatic® for OEM sales, service and support for all your press, slitter and uncoiler adjustable speed drive needs.

**Compare your technology options, Dynamatic wins every time:**

<table>
<thead>
<tr>
<th></th>
<th>Dynamatic® Drives</th>
<th>Variable Frequency Drives</th>
<th>Direct Current Drives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed range</td>
<td>34:1 typical</td>
<td>25:1 using standard motor</td>
<td>3:1, 25:1 typical</td>
</tr>
<tr>
<td>Starting torque</td>
<td>250%</td>
<td>100% to 150%</td>
<td>150%</td>
</tr>
<tr>
<td>Speed regulation</td>
<td>+–0.5%</td>
<td>3% typical, 0.5% available</td>
<td>1-3% standard, 0.5% available</td>
</tr>
<tr>
<td>Service/repairs</td>
<td>Infrequent / simple / low cost</td>
<td>Infrequent / complex / $$$$$$</td>
<td>Infrequent / complex / $$$$$$</td>
</tr>
<tr>
<td>Voltage protection</td>
<td>Least affected by transient conditions</td>
<td>Limited range of transient operation</td>
<td>Limited range of line input voltage</td>
</tr>
<tr>
<td>Controller</td>
<td>Simple, low power, single PCB</td>
<td>Complex, multiple PCBs</td>
<td>Complex with high power usage</td>
</tr>
</tbody>
</table>

**Dynamatic® PDC 2000 Controls**
- Fully digital micro processor based.
- Universal power input with programmable tachometer input and coil voltage output.
- Modulated coil voltage output with a motor current feedback cut-off control.
- Local remote or RS-232 input command control of variable speed Eddy Current drive.
- Programmable motor current monitor and motor limits for start-up and continuous operation.
- Drive start-up interlock and forward/reverse motor direction interlock option.
- All parameters programmable through supplied removable keypad.
- Replaces Minster Cycle-Mite SCR control.

**Dynamatic® EC 2000 Controls**
- Cost effective speed control replacement for all high power Eddy Current press drives.
- Drop in digital upgrade for Mark III controls.
- Simple, rugged design, long life cycle for overall reliability.
- Process signal interface capability.
- 24-hour factory service, start-up, application support.
Your complete source for:
- New Digital Control Upgrades
- Quick-Ship Control Board Repair Service
- Full Line of Drop-In Replacement Control options
- Low Cost Press Drive Packages Available

Dynamatic® AS Press Drives
- .75 to 40 HP.
- Brushless design and cast iron housing.
- No harmonic distortion.
- No power line problems.
- No nuisance tripping.
- No expensive spares.
- Longest life cycle of any variable speed drive.

Dynamatic® AT Press Drives
- 1 to 200 HP.
- 34:1 typical speed range.
- Up to 270% available rated motor torque.
- The only press drive manufacturer with built-in Eddy Current braking.
- Dynamatic press drives use smaller motors than A/C drive systems... saving you $$$.
Certified Factory Re-manufacturing

Don’t trust the heart of your press to just anyone... insist on Dynamatic® quality.

• Our experienced drive technicians dismantle and assess your drive and all individual components.
• Replace all damaged & worn components with new factory warranted parts.
• All re-manufactured drives are dynamometer tested to certify quality and performance.
• Circuit board analysis, repair and testing per Dynamatic® standards.
• Two-year factory warranty.

Call Toll Free 800-548-2169 (US / Canada)
+1-262-554-7977 (Outside US/Canada) www.dynamatic.com

24-hour support, on-site service and training