**STAMPING EQUIPMENT**

**ALMA PRODUCTS COMPANY - MAIN PRESSES - STAMPING OPERATIONS**

<table>
<thead>
<tr>
<th></th>
<th>DANLY</th>
<th>VERSON</th>
<th>BLISS</th>
<th>MINSTER</th>
<th>VERSON</th>
<th>VERSON</th>
<th>CLEARING (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TYPE</strong></td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
<td>MANUAL</td>
<td>MANUAL</td>
<td>MANUAL</td>
</tr>
<tr>
<td><strong>TONNAGE</strong></td>
<td>1000</td>
<td>500</td>
<td>100</td>
<td>200</td>
<td>1000</td>
<td>500</td>
<td>200</td>
</tr>
<tr>
<td><strong>STROKE</strong></td>
<td>12”</td>
<td>14”</td>
<td>1.5”</td>
<td>4”</td>
<td>12”</td>
<td>14”</td>
<td>16”</td>
</tr>
<tr>
<td><strong>SHUT HEIGHT</strong></td>
<td>48”</td>
<td>38.5”</td>
<td>13”</td>
<td>18.5”</td>
<td>28”</td>
<td>38.5”</td>
<td>32”</td>
</tr>
<tr>
<td><strong>RAM ADJ.</strong></td>
<td>8”</td>
<td>8”</td>
<td>2.5”</td>
<td>6”</td>
<td>10”</td>
<td>8”</td>
<td>8”</td>
</tr>
<tr>
<td><strong>BED SIZE</strong></td>
<td>48” X 96”</td>
<td>48” X 60”</td>
<td>27” X 37”</td>
<td>48” X 44”</td>
<td>63” X 52”</td>
<td>48” X 60”</td>
<td>39” X 64”</td>
</tr>
<tr>
<td><strong>SPM</strong></td>
<td>20 - 40</td>
<td>35</td>
<td>70 - 210</td>
<td>75-225</td>
<td>20</td>
<td>35</td>
<td>24</td>
</tr>
</tbody>
</table>

- Automatic Presses are coil fed
- 18 Total Presses in house, above is selection of main stamping equipment
- All stamping operations serviced by 10 ton overhead crane
- Minimum blank thickness: .040” Maximum blank thickness: .160” up to 24” coil width
OPERATIONS & PRODUCTS

- **UTILITY/SETUP/OPERATION**
- **DIE MAINTENANCE & REPAIR**
- **PRODUCT ENGINEERING & DESIGN**
- **POST STAMPING OPERATIONS:**
  - Vibratory finishing, De-burr & Rust Prevention
  - Machining operations: Weld, Drill/Tap/Ream, Threading
  - Assembly, Welding, Brazing
  - Packaging, Logistics, Warehousing
- **PRODUCT EXPERIENCE:**
  - OE Supplier of Ford clutch and disc components (cover, balance weights, diaphragm springs, clutch plates, clutch hubs).
  - OE clutches for Model A to F150 & Escort
  - OE Turbine Stampings for Ford Motor Company (5R110)
  - Automotive AC Compressor Components
  - Automotive AC Brackets
  - Transmission Drive Plates
  - Alma has capacity and capabilities for a wide range of automotive stampings.
SAMPLES OF STAMPED PRODUCTS

PROGRESSIVE  TRANSFER  FORGE PIERCE

BLANKING  SPRING FORM  PRECISION
COMPLEX STAMPINGS – A6 SHELL
• Low volume service parts
• Torque Converter Components
• Transmission Components
• Drive Train Components
• Exterior Trim Stampings
• Oil Pans
• Engine Valve Covers
• Brackets
• **Contact Information:**
  – Chip Rembert, Sales Director
  – Cell: 989-640-1413
  – Email: chiprembert@almaproducts.com
  – Address: 2000 Michigan Avenue, Alma, MI 48801
  – Web: www.almaproducts.com