



# Modern Hydraulic Technology

division of Newark Special Technology, Inc.

## 2400 ton Hyd.Eng.SPF [Stock Number 4237]

New 1989

|                            |                                 |
|----------------------------|---------------------------------|
| Construction               | 4 column type design, up acting |
| Press Power                | 2400 U.S. Tons                  |
| Return Power               | 245 Tons Maximum                |
| Stroke                     | 50"                             |
| Daylight opening           | 50"                             |
| Maximum Part Size          | 48" Wide x 96" Long x 24" Deep  |
| Heated Platen Size         | 65" F-B x 100" L-R              |
| Maximum platen temperature | 1,100 degrees F.                |

### Press Speeds

|                         |                                      |
|-------------------------|--------------------------------------|
| Approach, slow mode:    | 40" (1016mm)/minute                  |
| Approach, fast mode:    | 80" (2032mm)/minute                  |
| Blowdown & Stop:        | .70" (18mm)/second                   |
| Creep to Clamp Position | .003" (08mm) to .082" (2.1mm)/second |
| Clamping:               | 10" (255mm)/minute                   |
| Return I:               | 1.377" (35mm)/second                 |
| Return II:              | .049"(1.1mm)/second                  |
| Forming Speeds:         | 10 Inches Per Minute                 |

Maximum amount of water flow through Heat Exchanger: 200 litre/minute

|                                     |                                                  |
|-------------------------------------|--------------------------------------------------|
| Maximum Heat Ramp Time              | 6 Hr.                                            |
| Tool Volume                         | 30 cu. ft. (.849 cu meters) max                  |
| Shuttle Platen Travel               | 96"                                              |
| Shuttle Table Travel Rate, In & Out | 4" (100mm)/minute                                |
| Argon Gas Pressure                  | 0 - 600 PSI                                      |
| Electric System                     | 480 Volts / 60 Cycle / 3 Phase                   |
| Approx. Floor Space Required        | L-R 30' 1.5" (9180mm),<br>F-B 30' 6.5" (9300 mm) |
| Height above floor                  | 19'2.5" (5850mm)                                 |
| Approximate Weight                  | 375,000 Lbs                                      |

### Equipped with

(2) 65" F-B X 100" L-R 1100 Deg. F. Heated Platens

Powered Rail bound Carriage System for Lower Cooling Platens, Hot Box Centre

Casting & tooling in & out of press.

Argon Gas System for both top & bottom tooling

Visit our website at [www.modernhydraulic.com](http://www.modernhydraulic.com)



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Oil Gear Towler Hydraulic System With 1-24 HP Motor & 1-20 HP Motor assembled on overhead platform on the press head.

PC Computer with Monitor & (2) Printers, on Windows 95 environment

Rack & Pinion Table Leveling System to maintain parallelism between the moving table & press head during approach & return strokes.

Powered Front & Rear Heat Shields 160 KVA Transformer

Note: New Replacement price is estimated in excess of \$4,000,000.00. This press has performed exceptionally well. Due to management decisions, the space was needed for other processes. The placing of this press on the market, creates a great opportunity for your company to manufacture parts incorporating the latest technology in SPF forming. The immediate availability, together with the increased demand for SPF type parts makes this press very justifiable.

F.C.A. (loaded, trucks), Wichita, Kansas



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