

Hot Press Questionnaire

In order to meet your specific hot press requirements and provide pricing information, the following information will be helpful:

Customer & Plant

Call by: _____ Date: _____

Company Name: _____

Address: _____

Contact Person: _____ Title: _____

Proposed Use of Furnace: _____

Production () Research & Development () Both ()

Economics

Purpose: Budget _____ Firm _____ Is project Funded _____ \$ _____

Expected Buy Date _____ Quotation Due Date _____

Competition _____

New Hot Press Requirements

Compact dimensions: _____ in.(mm) dia.: _____ in.(mm) height

Maximum die dimensions: _____ in(mm)dia: _____ in(mm)height

Material to be pressed: _____

Desired unit loading on compact: _____ psi: _____ Kg/cm².

Maximum ram travel: _____ in(mm)

Hot ejection or stationary bottom ram.

Maximum temperature required: _____ °C in vacuum

Maximum temperature required: _____ °C in gas _____ (type)

Heating method: (√ one) Induction () Radiant Heaters (Resist.) Graphite or Refractory Metal

Operating Atmosphere:

Vacuum at room temperature: _____ torr

At: _____ °C: _____ torr

Partial Pressure _____ °C @ _____ torr What gases _____

Automatic control desired?:

Temperature Programming: Yes () No ()

Hydraulic Pressure Programming Yes () No ()

Recording/data logging desired: Yes () No ()

Cooling requirement _____

Miscellaneous

Space available for Installation _____

Is Pitting Allowed _____

Utilities Available: _____

Air-cfh _____ Psig _____

Water-Psig _____ @ _____ F

Power-Volts _____ Phase _____ Cycles _____ Amperes _____

Existing Equipment