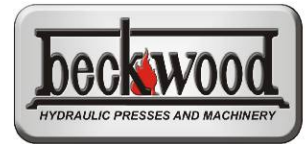




BECKWOOD PRESS COMPANY

HYDRAULIC PRESS

QUICK QUOTE FORM



FAX: 1-800-737-0444 or (636)343-4424 **VOICE:** 1-800-737-0111 or (636)343-4100

E-MAIL: sales@beckwoodpress.com **WEB:** www.beckwoodpress.com

NAME: _____ TITLE: _____

COMPANY: _____ E-MAIL: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

COUNTRY: _____ TELEPHONE: () _____ FAX: () _____

DATE: _____ PROJECT TIMELINE: _____ QUOTE TIME FRAME: _____

WHERE DID YOU FIRST HEAR ABOUT US? _____

1. APPLICATION FOR PRESS: _____

Type of material/ thickness: _____ End product/ industry: _____

Press Work: Forming Punching Other (Please Specify): _____

2. TYPE OF PRESS: *(Please check one)*

2-Post Press 4-Post Press C-Frame Straight Side Endframe (SSE) Multiple-Post

3. ACTION OF RAM: Down Acting Up Acting Side Acting Other: *(please specify)* _____

4. TONNAGE: _____ If punching / blanking, what is your punching/blanking tonnage? _____

5. Does your application use **Nitrogen cylinders** in your dies? Yes If so, what is the total spring force? _____

6. LOADING: This press application is: Evenly loaded Off-center loaded Point loaded on center

7. SIZE OF PRESS BED & RAM: *(Please note if bed and ram bolster requirements are different sizes)*

Platen / bolster size: _____ Front to back BY _____ Left to right inches millimeters

8. PRESS AND PART FEEDING: A. Press will be fed from: Front or rear Sides

B. Parts will be fed by: Manual feed Automated feed Integrated with other equipment

9. PLATEN / BOLSTER MACHINING OPTIONS FOR BED AND RAM: I do not know at this time

Drilled and tapped Holes T-bolt slots: _____ Size _____ Centers Other inches millimeters

10. DISTANCE OF STROKE: _____ inches millimeters

11. SHUT HEIGHT: *(Distance between platens / bolsters when ram is fully extended)* _____ inches millimeters

12. DAYLIGHT: *(Distance between platens / bolsters when ram is fully retracted)* _____ inches millimeters

13. BED HEIGHT: *(Distance from floor to top of bed platen or bolster)* _____ inches millimeters

14. PRESS RAM SPEEDS: *Please check one speed calculation method (A or B) and fill out the remaining info under the heading:*

A. I know my inches per minute (IPM) requirement:

_____ IPM Advance; _____ IPM Pressing; _____ IPM Retract

B. Calculate speeds based on cycles per minute= _____ cpm *(Please complete the following cycle profile:)*

Cycle Profile consists of: *(What is distance of stroke used during the cycle? What is distance used under full load?)*

_____ Fast Approach _____ Pressing inches millimeters

Note: *Speed requirements are integral to the estimation process and must be given for a press quotation.*

15. VOLTAGE:

460V/ 3PH/ 60CY (standard) Other: *(please specify)* _____

16. METHOD OF RAM REVERSAL:

- Reverse on pressure: Without dwell capability With dwell capability: What is the maximum dwell time under pressure? _____ seconds minutes hours
(Standard System) Fluctuation of holding force allowed during dwell:
- Reverse on position with: +/- 10% +/- 5% +/- 1% of total system force
- +/- .020" to .025" repeatability
- +/- .005" repeatability ***Note:** For tighter tolerance, please contact a Beckwood Sales Engineer
- Both position and pressure with above specified capabilities

17. CONTROL SYSTEM: *As standard, our control systems include an Allen Bradley PLC (others systems available upon request)*

- Manual: PLC control system utilizing mechanical limit switches and digitally programmable pressure switch
- Programmable: (Please select one of the following:)
- Level 1, **Digital Set Point Operator Interface:** Replaces mechanical limit switches and stand alone pressure switch. Operator programs desired cycle parameters for each cycle, reduces manual set up time.
- Level 2, **Productivity Package:** Includes touchscreen operator interface with job storage and recipe handling. All cycle parameters are programmed and saved for recall and significantly reduces operator set up time. Additional features such as alarm/ maintenance screens, diagnostics, password protection, cycle counters, and more. System is programmed for application specific requirements to suit user needs.
- Quote programmable control system as optional feature: Digital interface Productivity package

***Note:** Additional Productivity Package options include (but are not limited to): Press Monitoring, Ethernet Communications, Ram Speed Control, Language Option, Data Collection and Report Trending, Production Rate, Expandable Memory, plus much more. Full specifications can be programmed and developed per the customer's exact specification with a Beckwood Sales Engineer.

18. WATER ACCESSABILITY: If a cooling system is deemed necessary, is water accessible? Yes No

19. SUPPLEMENTAL PRESS EQUIPMENT: *(Please specify if equipment should either be included within the base quotation OR as option)*

Included	Optional feature
<input type="checkbox"/>	<input type="checkbox"/> Bolt on expanded metal guards: <i>(Please check which sides)</i> <input type="radio"/> Left <input type="radio"/> Right <input type="radio"/> Front <input type="radio"/> Rear
<input type="checkbox"/>	<input type="checkbox"/> Sliding gate on: <i>(Please check which sides)</i> <input type="radio"/> Left <input type="radio"/> Right <input type="radio"/> Front <input type="radio"/> Rear
<input type="checkbox"/>	<input type="checkbox"/> Light curtain: <i>(Please check which sides)</i> <input type="radio"/> Left <input type="radio"/> Right <input type="radio"/> Front <input type="radio"/> Rear
<input type="checkbox"/>	<input type="checkbox"/> Fixed stops incorporated into press structure for absolute repeatable ram extension (adjustable)
<input type="checkbox"/>	<input type="checkbox"/> Auto lube system for ram slides
<input type="checkbox"/>	<input type="checkbox"/> Vibration dampening leveling pads
<input type="checkbox"/>	<input type="checkbox"/> Protective ram slide bellows for harsh environments or clean part requirements
<input type="checkbox"/>	<input type="checkbox"/> Cooling system: <i>(Please check which type)</i> <input type="radio"/> Air/ oil <input type="radio"/> Water/ oil <input type="radio"/> Other/ I do not know at this time
<input type="checkbox"/>	<input type="checkbox"/> Bed Cushion: Cushion size = ____ Front to Back BY ____ Left to Right <input type="radio"/> inches <input type="radio"/> millimeters Cushion tonnage: ____ Cushion Stroke: ____ <input type="radio"/> inches <input type="radio"/> millimeters
<input type="checkbox"/>	<input type="checkbox"/> Heated Platens: Please answer the following questions: A. Preferred Method of Heating <input type="radio"/> Electric Heating Rods <input type="radio"/> Oil Heating System <input type="radio"/> Water Heating System <input type="radio"/> Steam Heating System B. Maximum temperature: ____ ° <input type="radio"/> Fahrenheit <input type="radio"/> Celsius How accurate do you need your heating tolerance +/- ____ ° C. Time to heat from ambient temperature: ____ hours ____ minutes D. Is a cooling system required by Beckwood? <input type="radio"/> Yes Please Specify: _____

20. OTHER REQUIREMENTS: _____