# PLASTICS MOLDING COMPANY BUSINESS PLAN INFORMATION 1998

## N/C DEPARTMENT

- 1. Replace LC40?
- 2. Replace LC30?
- 3. Replace 2 each MC100 with Okuma 600H or 800H size?
- 4. Move Vickers 171's from MC100 to A55?
- 5. Move Sunnen part from 106 to A55 (per Ed G. suggestion)?
- 6. Move Sunnen T-frames from MC100 to MC500H?
- 7. Move 106 to T/R? T/R absorb depreciation for replacement machine as payment for both 106S?
- 8. What machine replace 106 with? Okuma, Makino, Hass
- 9. Gene Anstaett replace R.T. when retire?
- 10. Move stack III's from A55 plus A55 Delta? (faster)
- 11. DNC network for all N/C machines?
- 12. Add memory to MC500H? (1000 ft.)
- 13. Complete MIS Implementation
- 14. 2nd Programmer N/C & Toolroom work (surfaces)
- 15. Compare and respond to bench marking data
- 16. Faster set-ups
- 17. DCC CMM? Keep manual CMM?
- 18. Maintain QS9000 status?
- 19. CAT cert? Status?

### PRODUCTION

- 1. Change out another electric spindle with hydraulic on Tennex tapping? 02/20/98
- 2. Gas fired boiler waiting on building boiler.
- 3. Dan is now monitoring time for set-ups; as they are done (reduce set-up time)
- 4. Dan is still monitoring die maintenance (monthly) for 25 highest hrs./month
- 5. Set-up time in general (refer to #3)
- 6. Adding die sensors dimensions progression

(Dan/Carl/Frank)

progression missing holes angles

- 7. Sell 500T?
- 8. Sell or scrap 2 cradle levelers?
- 9. Reverse old 75T (face new 75T) so 1 operator run 2 machines?
- 10. Move assy/weld machine to tapper people can access it better? Or access old assy/weld machine with new assy/weld machine or order? (waiting on 500T to be moved)
- 11. Recontrol 220T?
- 12. Maintain QS9000 status.
- 13. Need higher success rate on quotes.
- 14. Double reel feedline 250T? (waiting on 500T to sell)
- 15. Move Steve Helton to production? Test bench in T/R? Where ?
- 16. Move carbide in dies? Extrusion stations, forms, etc., or more coatings.

# TOOL ROOM

- 1. Get 2nd Jig Grinder (install where jig bore is now?)
- 2. Sell Moore Jig Bore?
- 3. Keep NCL software? If not replace with what?
- 4. Meeting with Ron W., Clay, Bruce, Me, re: programming wires
- 5. Efficient 3 axis contouring programming? (Refer to #3)
- 6. Take 2nd 106 or 125 from N/C? Don to decide location?
- 7. Pre-mounting with existing equipment.
- 8. Get PRO-E implemented; a.) Bruce with outside, b.) Glen/Bruce and/or outside, c.) new designer.
- 9. Move Jerry S., Tom to design do not have space at this time new building? (or move N/C out T/R & Prod. use this space).
- 10. 2nd N/C lathe?
- 11. Add bridge mill ceiling height?
- 12. 5th wire machine?
- 13. Replace worst bridgeport with new with scales, etc. & shift worst B/P used for locating to rougher.
- 14. Replace worst dry grinder with new?
- 15. Replace Mattison with 84" blanchard?
- 16. Wire cutting: instead of "cutting off' slug the way BMC does now-use method Russ mentioned? (came in with Steve-from Agie).
- 17. Go to preset pallatized loads (with complete programming already done & preset on CMM machine): next step robot loader with carousal.
- 18. Review benchmarking data NTMA/INTI (Michigan)
- 19. Reviewed DP Tech programming for wire with Don, Ron, Clay, Bruce; pallatizing; Bruce to review millpost for T/R mills - they now use wire post.
- 20. 6" X 5" vise for Moore jig grinder.
- 21. Change Moore 3 1/2" reciprocating stroke to 5 1/4"
- 22. TE9000 standard?
- 23. Have a lead man in design?

## MISCELLANEOUS

- 1. Shop newsletter-start? How often? Who collect info. and publish? subjects? (maybe safety record, safety committee, new jobs, some of these goals, how various departments compare on bench marking activities, {setups, value added/employee}), do we post letter, handout with checks, mail home?
- 2. Update energy management system
- 3. Finish post processors for milling machines in the (off NCL).
- 4. Pursue rep. for tier one suppliers in Michigan area.
- 5. Find at least one new major customer for BMC & PMC in 1998.
- 6. ISO9002 for PMC, 4/98