

JUL 19 1983

CS #162

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J.P. Linde

5 Year - Estimated Capacity - Dept. 8444
1984-1988 (5) Multi-Head Checkering Machines

The N/C multi-head checkering capacity has been estimated for 1984-1988. Requirement figures are based on the 5 year forecast, dated 7-12-83, provided by Marketing.

Outputs per hour are based upon cutting cycles of 100" per minute and a machine effectiveness of 70%.

Daily burdening on a five day, three shift operation starts at 105% in 1984 and peaks at 271% in 1988 using existing equipment.

Listed below are the yearly burden figures along with the major reason(s) for the changes.

1984 - 105%.

1985 - 166%; Major increase from 1984 is the addition of the M/870 Restyle.

1986 - 255%; The major increase in burdening percentage reflects the addition of the M/1100 Restyle to the cut checkering line.

1987 and 1988 - 263% and 271% respectively; The cut checkering needs in 1987 and 1988 include moderate level increases each year. There are no major model introductions during this time period.

Using the above daily burdening levels as a guide, the following list shows the anticipated need for additional equipment to maintain a position as close to 100% machine burdening as possible.

Year	Daily Hours Burdened	Machines Needed to Maintain 100% Burdening	Additional Machines Required	Total Machines
1984	119.6	5.2	0	5
1985	189.3	8.3	+3	8
1986	290.3	12.7	+5	13
1987	299.3	13.1	0	13
1988	309.2	13.6	+1	14

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