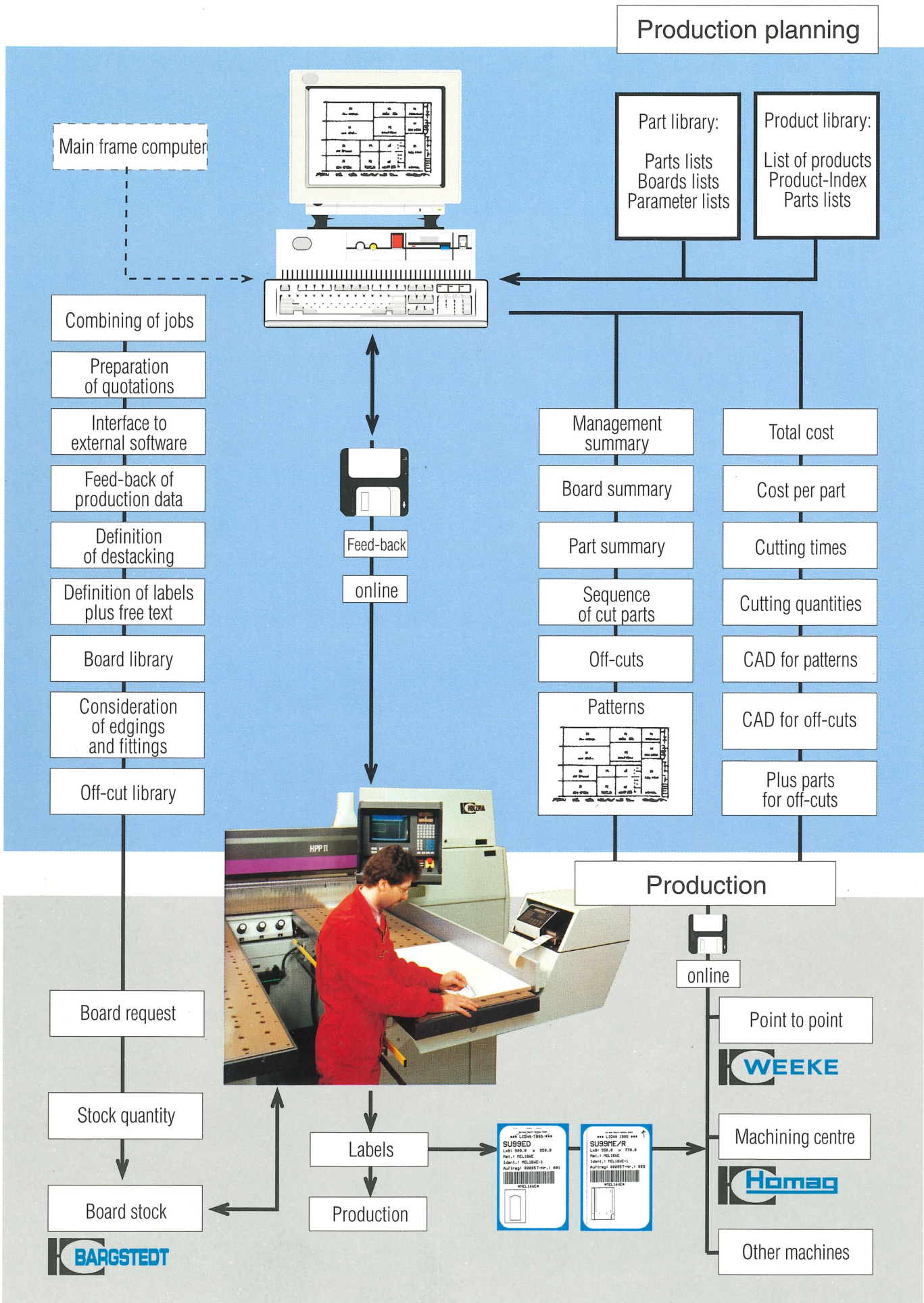




The superior HOLZMA System for economical utilization of modern computerization in the field of panel sizing

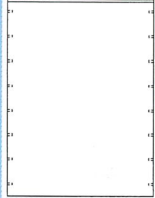




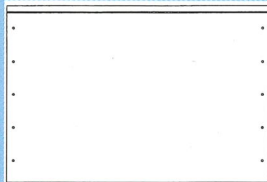
Yield Optimization: **Cut Rite**
 Machine microprocessors:
TOPmatic C • TOPmatic plus • OPTImat • CADmatic
 Label System: alphanumerical and bar code

Part Library

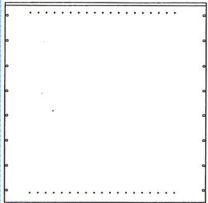
HS-BD
 * X * M19WE-WE



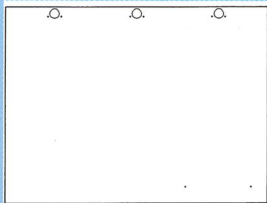
HS-EB
 * X * M19WE-WE



HS-SE-L
 800x * M19WE-WE



HS-TU-L
 800x * @FR-MAT@



DEMO DATA CUT RITE PLUS V6.21 WEDNESDAY 27 MAR 1996

MANAGEMENT SUMMARY KW 15 / 94

M19WE-WE 00001/KW15/KW15/STANDARD/HPP/*

Material usage	Qty	M2	M3	Percent	Total
Parts prod.	977	239.85	4.56	92.07%	Number of Patterns 14
Parts over	24	3.12	0.06	1.20%	Head, recut ptns 0 9
Offcuts	0	0.00	0.00	0.00%	Number of Cycles 14
Scrap		17.54	0.33	6.73%	Cutting length 1251.2
Core trim		0.00	0.00	0.00%	Throughput (M3 /Hr) 2.1
Boards	36	260.51	4.95	100.00%	Waste (%Parts) 7.22%
					Waste (%Boards) 6.73%

Estimated costs	Quantity	Rate	Total cost
Net material used	260.51 M2		2605.08
Machine time	2:24 hrs	250.00	600.28
Parts obtained	242.97 M2	13.192	3205.36

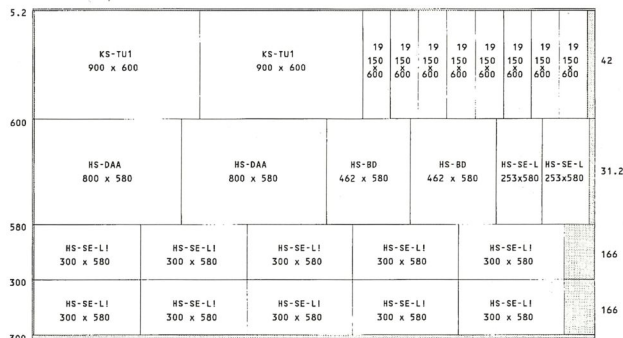
DEMO DATA CUT RITE PLUS V6.21 WEDNESDAY 27 MAR 1996

P A T T E R N : 2 KW 15 / 94

M19WE-WE 00001/KW15/KW15/STANDARD/HPP/*

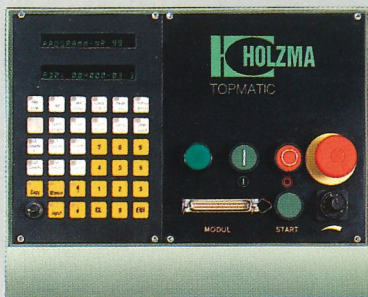
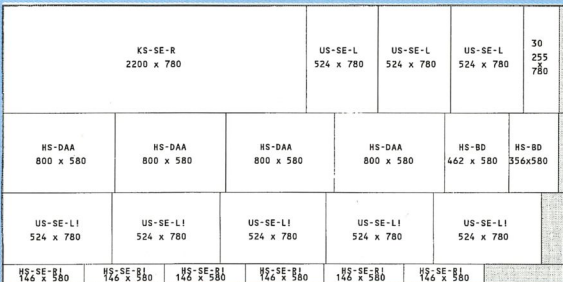
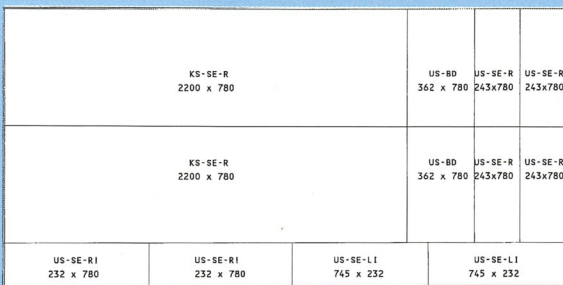
Board: M19WE-WE-1 Waste: 6.62% Size: 3100 x 1830 x 19.0

Material: M19WE-WE Melamin 19mm No. of boards: 3



Saw kerf: 4.8 Book height: 3 Cycles: 1
 Rear trims(inc kerf) Rip: 10.0 Cross: 10.0 Retrim(inc kerf): 5.0

No. Part	Length	Width	Total Cut so	Qty	Qty Still	Destack
			Prod Far	Brd	Ptn	To cut Plt/Stn
1. HS-BD	462.0	580.0	30 NIL	2	6	24 C
2. HS-SE-L	300.0	580.0	32 NIL	10	30	2 C
4. HS-DAA	800.0	580.0	30 NIL	2	6	24 C
8. HS-SE-L	253.0	580.0	30 NIL	2	6	24 C
14. KS-TU1	900.0	600.0	10 NIL	2	6	4 A
19. US-SF1	150.0	600.0	210 NIL	8	24	186 A



TOPmatic C

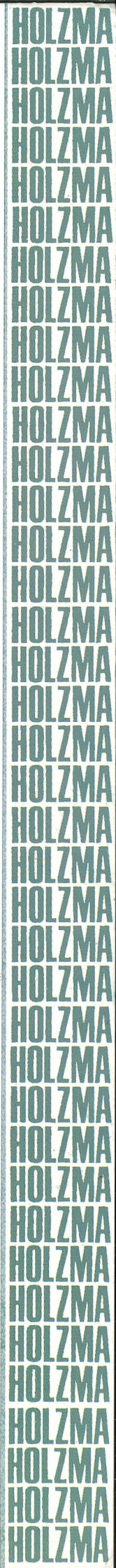


TOPmatic *plus*

OPTImat



CADmatic



Yield Optimization Program



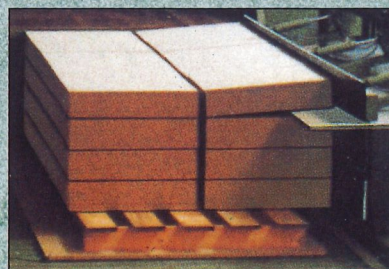
The complete HOLZMA system for extremely economical panel cutting is an outstanding example of the use of state-of-the-art processing in the panel producing technology and processing industry.

For the most economical cost calculation

- Minimum waste
- Quickset cutting time
- Simple cutting patterns
- Maximum saw output
- Extremely fast optimization time
- Detailed costs per part, per job and per batch
- Management summary – all important figures on one page
- Data in inches or millimetres
- Separate data and exact calculation of material and edging costs and usage of fittings
- Calculation of machining time and costs
- Itemized costs for preparing quotations
- Production plan for assembly of standard cabinets
- Utilisation of offcuts with "plus parts" and CAD
- Pattern sequencing to suit maximum stacking positions
- Fully parameterised to suit all cut-to-size conditions, i. e. standard units of furniture, custom manufacture, jobbing etc.
- Variance report of actual and theoretical cutting times
- Direct transfer of optimized runs to the saw microprocessor via floppy disk, online system and networks
- Direct "online" transfer of optimized runs to the saw microprocessor via cable
- Feedback of daily saw activity and error logging
- CUT RITE uses conventional computer hardware
- Interface with bill-of-materials software and custom cabinet packages
- Demonstration, training and development at the "HOLZMA Optimization Centre"
- Drawings of parts and models (interconnection with machining centre)
- Production summary with times for subsequent work at the machining centre



From pattern generation –
to finished panel stacks



MASCHINENBAU GMBH · D-75365 CALW-HOLZBRONN · GERMANY
TELEFON 0 70 53/69 - 0 · TELEX 7 26 138 holz d · FAX 0 70 53/61 74

