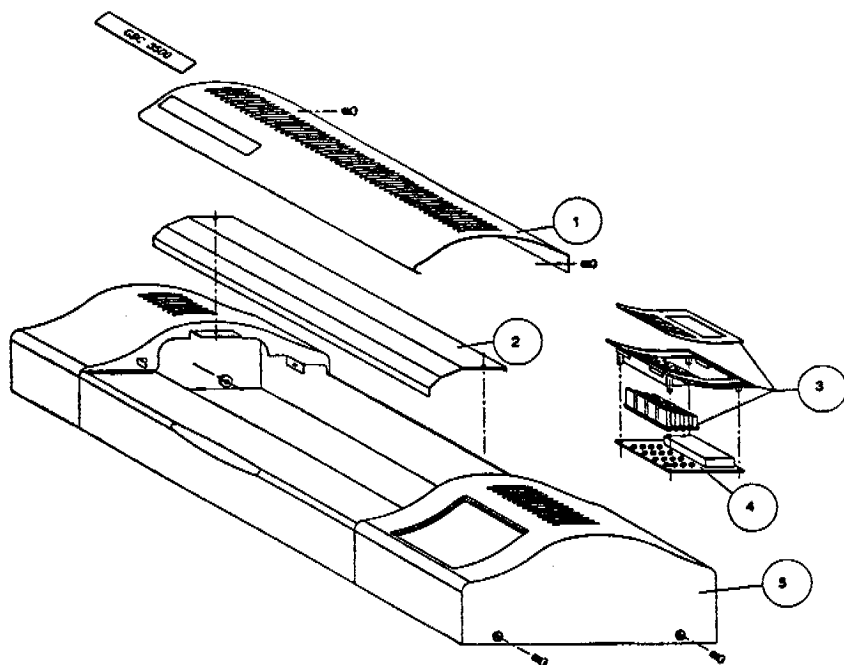


HEAT SEAL H - 600 / GBC 3500 LAMINATORS

PARTS LIST

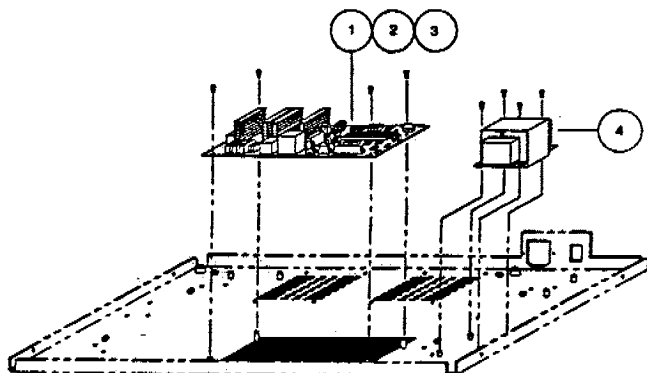
3500 PRO SERIES

PARTS LIST



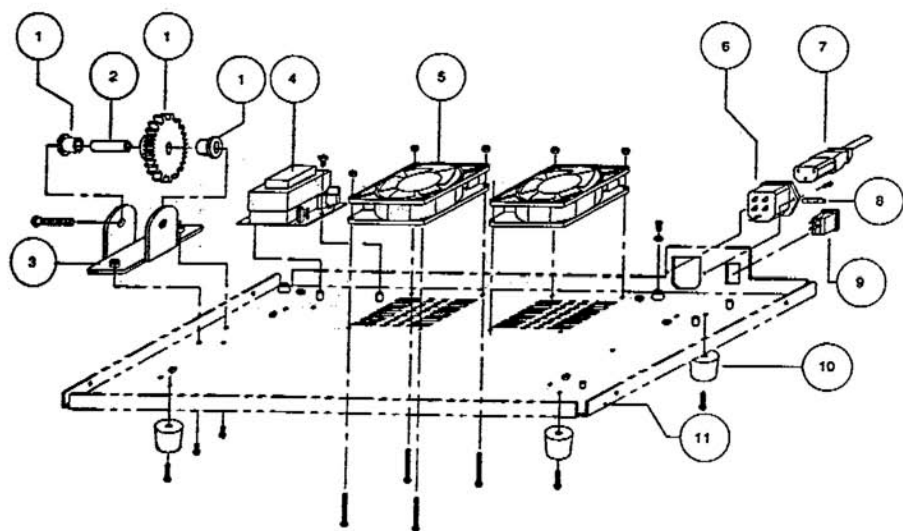
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700362	COVER, REMOVABLE	1
2	1700363	CENTER HEAT SHIELD	1
3	1700355	CONTROL PANEL ASS'Y	1
4	1700304	PC BOARD, CONTROL PANEL	1
5	1700360	UPPER HOUSING ASS'Y	1
6	630700212	Heat Seal 600 Top Cover	1
7	811600101	Name Plate Sticker - Heat Seal 600	1

8.0 PARTS
FIGURE 8.2



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700305	PC BOARD, MAIN (115V)	1
1	1700325	PC BOARD, MAIN (230V)	1
2	1700336	FAN RELAY	1
3	1700348	MOTOR REVERSE RELAY	1
4	1700306	TRANSFORMER, MOTOR (115V)	1
4	1700326	TRANSFORMER, MOTOR (230V)	1
5	1701552	PCB Adapter Kit	

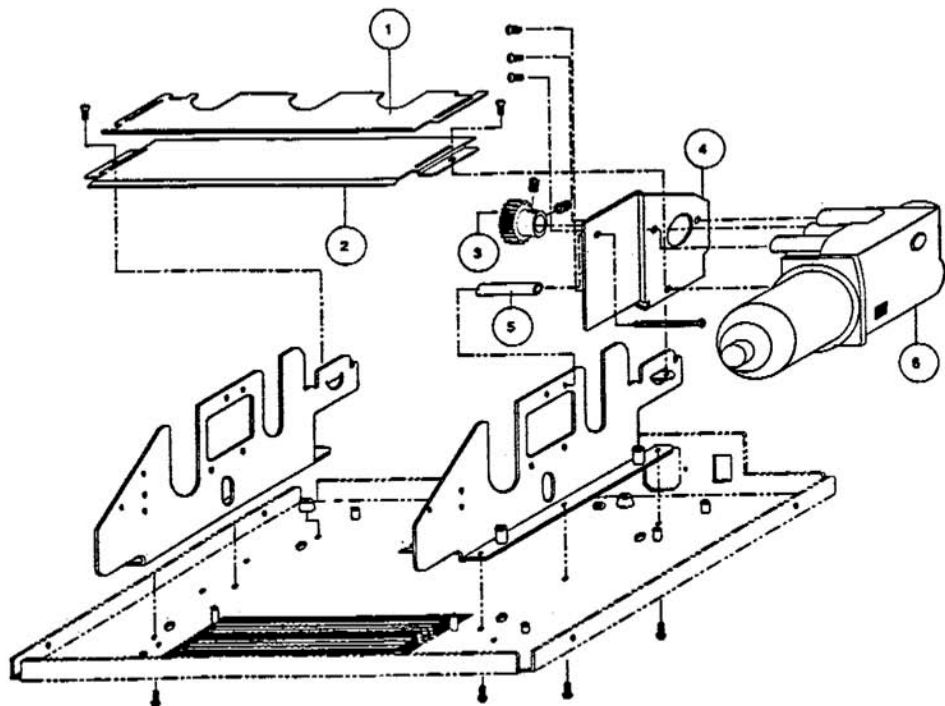
8.0 PARTS
FIGURE 8.3



8.0 PARTS
FIGURE 8.3

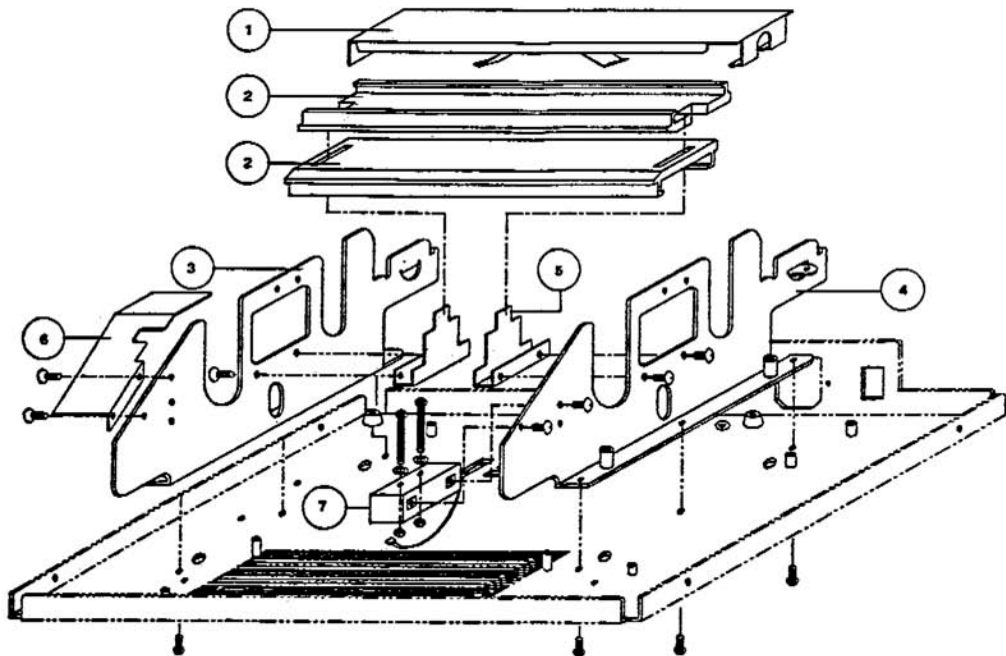
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700391	SPUR GEAR, IDLER	1
2	1700356	SUPPORT PIN, IDLER GEAR/ SPACER	1
3	1700376	BRACKET, IDLER GEAR	1
4	1700308	TRANSFORMER, FAN (115V)	1
4	1700328	TRANSFORMER, FAN (230V)	1
5	1700349	FAN	2
6	1700358	INLET SOCKET /FUSE HOLDER w/LABEL	1
7	1700307	POWER CORD, US	1
7	1700317	POWER CORD, JAPAN	1
7	1700327	POWER CORD, EUROPE	1
7	1700337	POWER CORD, UK	1
7	1700347	POWER CORD, AUSTRALIA	1
7	1700357	POWER CORD, SWISS	1
8	1700309 (704130126)	FUSE, 115V (10 AMP)	1
8	1700329	FUSE, 230V (6.3 AMP)	1
9	704090111	ROCKER SWITCH, POWER	1
10	1700354	RUBBER FEET	4
11	1700365	BASE	1

8.0 PARTS
FIGURE 8.4



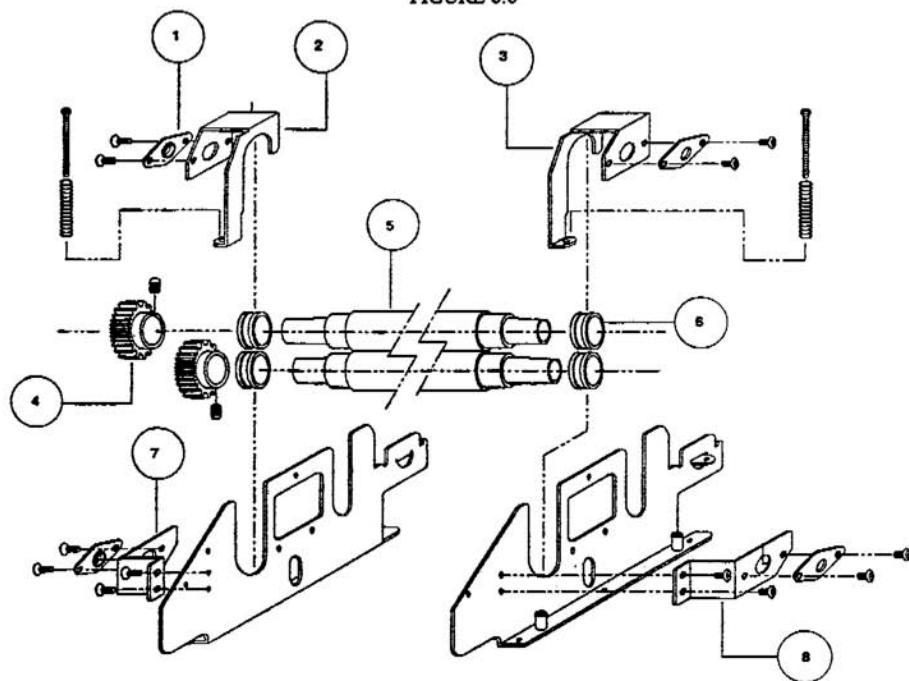
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700366	EXIT PLATE	1
2	1700364	REAR TABLE	1
3	1700388	SPUR GEAR, MOTOR	1
4	1700373	BRACKET, MOTOR	1
5	1700356	SPACER/ SUPPORT PIN, IDLER GEAR	1
6	1700386	MOTOR DC GEAR - 10 OHMS	1

8.0 PARTS
FIGURE 8.5



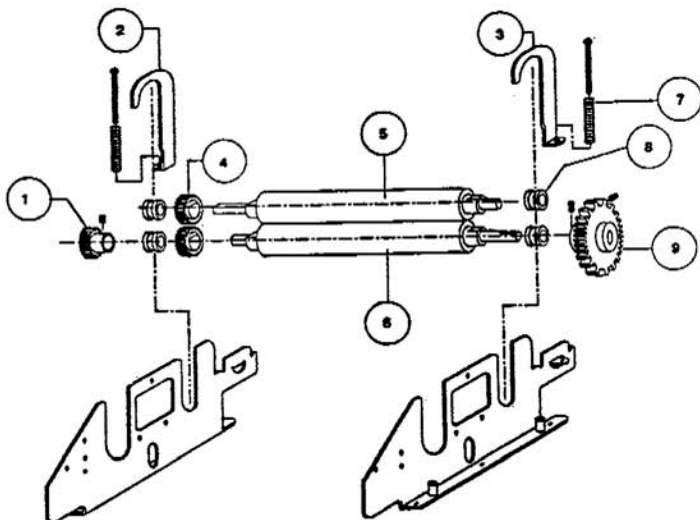
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700399	THERMAL INSULATION PLATE	1
2	17 00395	HEATER PLATEN, ALUMINUM	2
3	1700383	SIDE PLATE, LEFT	1
4	1700384	SIDE PLATE, RIGHT	1
5	1700394	MOUNT, LOWER PLATEN	2
6	1700375	HEAT SHIELD, LEFT	1
7	1700398	SENSOR ASS'Y	1

8.0 PARTS
FIGURE 8.6



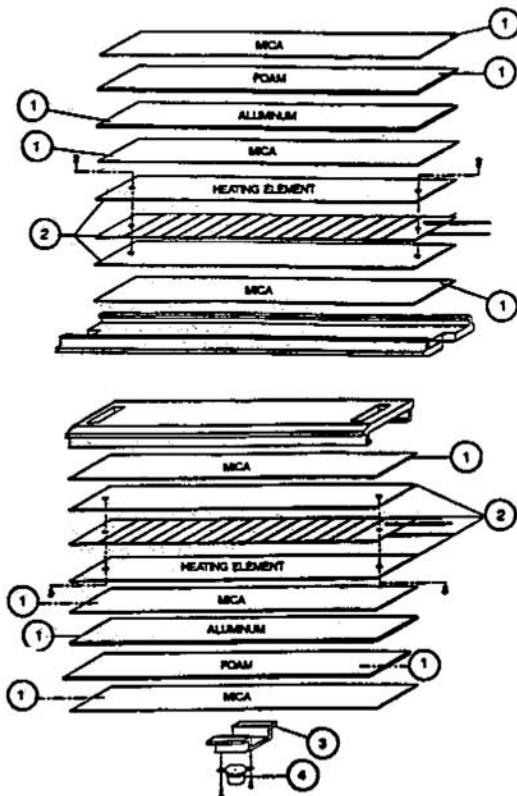
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700377	SHOCK ABSORBER, INFRARED HEATER	4
2	1700367	ROLLER HOOK, LEFT, FRONT	1
3	1700368	ROLLER HOOK, RIGHT, FRONT	1
4	1700387	SPUR GEAR, LEFT, FRONT, STEEL	2
5	1700382	HEATED ROLLER (BLUE FRONT)	2
6	1700378	BUSHING ASS'Y, ROLLER, FRONT	4
7	1700371	BRKT., LEFT, HEAT ROLLER	1
8	1700372	BRKT., RIGHT, HEAT ROLLER	1

8.0 PARTS
FIGURE 8.7



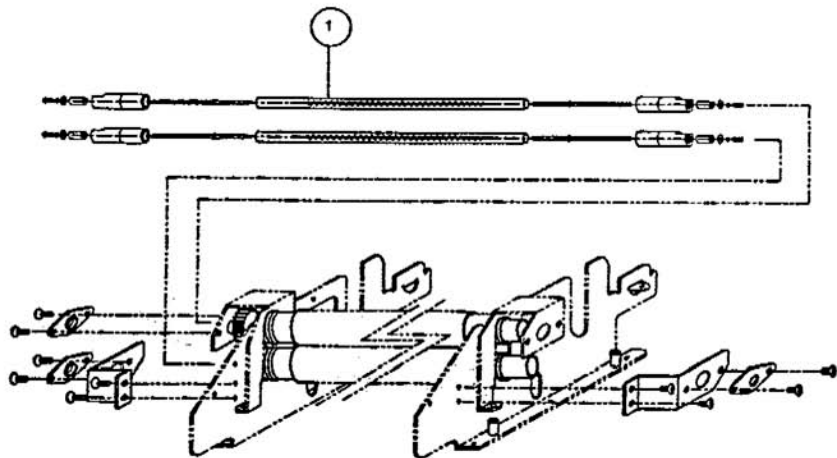
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700390	SPUR GEAR , REAR ROLLER, METAL	1
2	1700370	ROLLER HOOK, LEFT, REAR	1
3	1700369	ROLLER HOOK, RIGHT,REAR	1
4	1700389	SPUR GEAR, Steel	2
5	1700380	NIP ROLLER, UPPER	1
6	1700381	NIP ROLLER, LOWER	1
7	1700385	ROLLER SPRING	4
8	1700379	BUSHING ASS'Y, ROLLER, REAR	4
9	1700392	SPUR GEAR, LARGE, STEEL	1

8.0 PARTS
FIGURE 8.8



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700316	INSULATOR SET FOR MICA HEATERS	2
2	1700396	MICA HEATER ASS'Y	2
3	1700346	BRKT., TEMPERATURE LIMITING THERMOSTAT	1
4	1700393	TEMPERATURE LIMITING THERMOSTAT	1

8.0 PARTS
FIGURE 8.9



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	1700397	INFRARED HEATER ASS'Y	2

9.0 RECOMMENDED SPARE PARTS

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QTY. PER MACHINE</u>
1700382	HEAT ROLLERS	2
1700380	NIP ROLLER, UPPER	1
1700381	NIP ROLLER, LOWER	1
1700378	ROLLER BUSHING ASS'Y FRONT	4
1700379	ROLLER BUSHING ASS'Y REAR	4
1700386	D.C. GEARMOTOR	1
1700309	FUSE 10 AMP.(115Vv)	1
1700329	FUSE 6.3 AMP (230V)	1
1700398	HEAT SENSOR ASS'Y	1
1700397	INFRARED HEAT ELEMENT	2
1700396	MICA HEATER W/INSULATORS	2
1700305	PC BOARD, MAIN (115 V)	1
1700325	PC BOARD, MAIN (230 V)	1
1700306	MOTOR TRANSFORMER (115V)	1
1700308	FAN TRANSFORMER(115V)	1
1700326	MOTOR TRANSFORMER (230V)	1
1700328	FAN TRANSFORMER (230V)	1
1700349	FAN	2
1700355	CONTROL PANEL ASS'Y	1
1700393	TEMPERATURE LIMITING THERMOSTAT	1
1700389	SPUR GEAR, PLASTIC	2
1700348	RELAY, MOTOR	1
1700359	ROCKER SWITCH,POWER	1

Troubleshooting Guide - GBC 3500 Supplies

SUPPLY	SYMPTOM	PROBLEM	SOLUTION	SUGGESTED TEMP & SPEED
Pouches	Lamination is cloudy	Insufficient heat.	Increase temperature or decrease speed	Please see Laminating Guide, Varies due to thickness.
	Pouch is curling or rippling	Excess heat.	Decrease temperature or increase speed.	
	Pouch is wrinkling	Pouch is not lying flat in the carrier.	Make sure pouch is smooth in the carrier.	
	Pouch slipping out of carrier	Carrier is catching on rollers, pouch is not.	Start carrier at higher speed, once it catches slow to normal speed, or hold bottom of carrier until pouch carrier and pouch catch	
	Pouch wraps around rollers	Adhesive residue on rollers	Clean rollers	
Creative Foils	Lines on pouch post-lamination	Adhesive residue on rollers	Clean rollers; Use carrier	310 degrees F, Speed 3 With Carrier
	Black spots appearing	Insufficient heat.	Increase temperature or decrease speed	
	Excess foil sticking to document	Excess heat	Decrease temperature or increase speed.	
	Black streaks appearing	Foil wrinkling	Attach foil with adhesive dots.	
	Uneven foil coverage	Copy or toner too dark or too light	Adjust copier / laser printer	
Designer Frames	Frame curling after lamination	Adhesive sheet not used	Be sure to use adhesive sheet	302 degrees F, Speed 1 without carrier
	Lines appearing outside or underneath document	Adhesive sheet not cut to proper size.	Be sure to cut adhesive sheet to fit size of document	
	Excess laminate at bottom of board	This is normal; due to stretching of film	Trim excess with scissors or exacto knife	
Transfer Paper	Paper not releasing from transfer	Insufficient heat	Increase temperature or decrease speed	302 degrees F, speed 2 with carrier
	Transfer looks blotchy	Insufficient heat	Increase temperature or decrease speed	
No-Heat Laminate	Air bubbles appearing	Air trapped under lamination sheet	Feed laminate in with excess flipped over housing so laminate is applied inch by inch instead of all at once.	"cold" setting
	Warping occurring after transfer	Film stretching while hot	Let laminate cool to the touch before manipulating	

5.0 TROUBLESHOOTING

5.1 SCHEMATIC DIAGRAM 115V

