



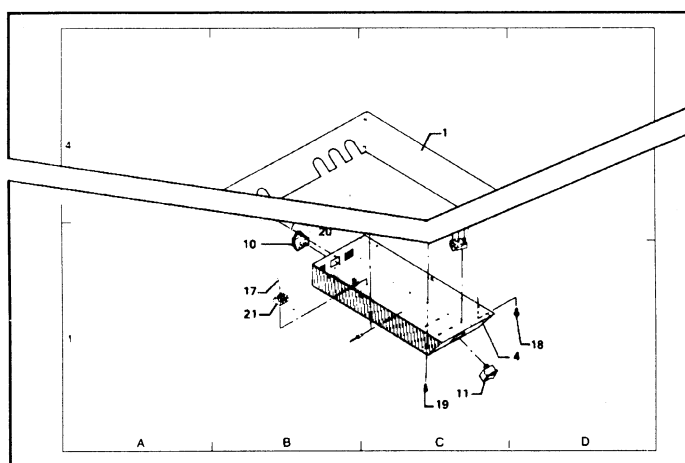
CLASS 1 LASER PRODUCT

The DPX-420 is a Class 1 laser product and contains a laser which, however, is totally shielded by the cabinet. When the cabinet is opened, the interlock system automatically switches off the laser, and there is no risk of laser radiation.

Spare Part Catalogue

Contents:	Page:
Instruction	10.1
Printed Circuit Boards	10.4
Plate Exposure Module, Left Side	10.6
Plate Exposure Module, Right Side	10.8
High Voltage Assembly	10.10
Motors	10.12
Sensors	10.14
Magazine & Loader Rollers, Knife Assembly	10.16
Dev./Dryer Rollers	10.18
Recommended Spare Part Kit	10.20

Instruction



Type:		1333		Section: 6		Page: 10.1	
Pos. No.	Part No.	S	Designation	Location	To mach. No.	From mach. No.	
001	039-663-000	S	REFLECTOR	C4			
002	039-666-000	S	REFLECTOR, BOTTOM	C5			
003	039-661-003		CHASSIS	B2			
004	039-409-003		CHASSIS	C1			
005	410-215-000	S	TUBE, TL 13/33W	D2			
006	410-424-000	S	SOCKET	D2			
018	410-424-000	S	IGNITER/50 HZ	C2			
019	461-406-024	S	10 HZ 240V UL/CSA	C2			
020	415-108-000	S	RE-UNIT, 0.1UH	B1			
021	412-014-000	S	TERMINAL STRIP, 3 TUL	B1			
Printed: 21/01/87			Replacing:				

English

Fig. 1: Drawing

Co-ordinated and exploded drawing showing the individual parts and their position Nos. These can be located by their co-ordinates as indicated under "LOCATION" in the list fig. 2.

Fig. 2: List

Text page containing information necessary to identify and order spare parts. The classification is as follows:

Type:
Type No.

Section:
Section No.

Page:
Page No.

Pos. No.:
Position No.
"I" mark in front of position No. indicates that a modification has been made in connection with the latest updating.

Part No.:
Part No.

S:
Only "S" marked parts are indicated in the price list and only these are normally available.

Designation:
Designation.

Location:
Co-ordinate indication

To mach. No.:
To machine No.

From mach. No.:
From machine No.

Printed:
Latest publication and updating.

Replacing:
Previous publication and updating.

Fig. 3: Index

List in part No. order in which each part No. is noted together with its page No., position No. and co-ordinate indication.

Deutsch

Fig. 1: Zeichnung

Koordinateneingeteilte explodierte Zeichnung, die die einzelnen Teile und ihre Positionsnr. zeigt. Diese lassen sich durch ihre Koordinaten lokalisieren, - wie unter "LOCATION" in der Liste Fig. 2 angegeben.

Fig. 2: Liste

Textseite mit der erforderlichen Information zur Identifizierung und Beauftragung von Ersatzteilen. Die Rubrizierung ist wie folgt:

Type:
Typenr.

Section:
Sektionsnr.

Page:
Seitennr.

Pos. No.:
Positionsnr.
"I"-Markierung vor der Positionsnr. gibt an, dass eine Modifikation in Verbindung mit der neuesten Ajour-Führung vorgenommen worden ist.

Part No.:
Teilnr.

S:
Nur "S"-markierte Teile sind in der Preisliste angegeben, und nur diese sind normalerweise lieferbar.

Designation:
Bezeichnung.

Location:
Koordinatenangabe.

To mach. No.:
Bis zum Gerät Nr.

From mach. No.:
Ab Gerät Nr.

Printed:
Neueste Publikation und Ajour-Führung.

Replacing:
Frühere Publikation und Ajour-Führung.

Fig. 3: Index

Liste in Teilnummernfolge, wo jede Teilnummer sowie ihre Seitennr., Positionsnr. und Koordinatenangabe aufgeführt sind.

Français

Fig. 1: Dessin

Dessin explosé divisé en coordonnées montrant les pièces individuelles et leurs nos de position. Elles peuvent être localisées par leurs coordonnées comme indiqué sous "LOCATION" dans la liste fig. 2.

Fig. 2: Liste

Page texte avec l'information nécessaire pour identifier et commander les pièces de rechange. Le classement est comme suit:

Type:
No de type.

Section:
No de section.

Page:
No de page.

Pos. No.:
No de position.
Marquage "I" devant le no de position indique qu'une modification a été faite en relation avec la dernière mise à jour.

Part No.:
No de pièce.

S:
Seulement les pièces marquées avec un "S" sont indiquées dans le prix-courant, et seulement celles-ci sont normalement livrables.

Designation:
Désignation.

Location: Indication de coordonnées.

To mach. No.:
Jusqu'à la machine no.

From mach. No.:
Depuis la machine no.

Printed:
La dernière publication et mise à jour.

Replacing:
La publication et la mise à jour précédentes.

Fig. 3: Index

Liste par ordre de nos de pièces de rechange, où est noté chaque no de pièce avec son no de page, no de position et indication de coordonnées.

Type: 1333				Index				Page: 1			
Part No.	Page	Pos. No.	Location	Part No.	Page	Pos. No.	Location	Part No.	Page	Pos. No.	Location
010-000-219	13.03	058	D4	030-386-000	17.02	032	A3	030-386-000	17.02	032	A3
010-000-219	19.02	050		033-402-000	12.01	001	D2	033-402-000	12.01	001	D2
010-000-219	19.03	016		035-037-000	16.07	040	B1	035-037-000	16.07	040	B1
020-871-003	17.01	027	C3	035-051-000	9.01	020	B2	035-051-000	9.01	020	B2
021-032-000	2.01	006	C3	035-051-000	10.01	006	D3	035-051-000	10.01	006	D3
021-105-000	17.03	059	E1	035-051-000	11.01	009	D3	035-051-000	11.01	009	D3
021-144-002	7.01	010	D3	035-085-026	15.02	026	B2	035-085-026	15.02	026	B2
021-197-003	17.02	016	A3	035-086-000	16.01	007	C4	035-086-000	16.01	007	C4
021-209-000	17.03	065	B1	035-097-036	18.03	051	B2	035-097-036	18.03	051	B2
022-124-000	18.02	045	B2	035-099-000	8.01	015	C2	035-099-000	8.01	015	C2
022-124-000	17.03	060	B1	035-102-000	15.02	010	B2	035-102-000	15.02	010	B2
030-209-000	11.02	034	A2	039-475-003	4.01	021	D2	039-475-003	4.01	021	D2
030-211-000	8.02	031	A2	039-476-140	4.01	016	B1	039-476-140	4.01	016	B1
030-211-000	9.01	010	E3	039-478-003	7.01	001	B4	039-478-003	7.01	001	B4
030-211-000	18.01	038	A2	039-479-003	7.01	002	B1	039-479-003	7.01	002	B1
030-217-000	8.02	040	C1	039-480-003	15.01	004	B4	039-480-003	15.01	004	B4
030-227-000	11.01	013	C3	039-496-XXX	2.01	013	I1	039-496-XXX	2.01	013	I1
030-228-000	11.01	015	C3	039-503-003	2.01	004	B1	039-503-003	2.01	004	B1
030-443-000	9.01	021	D3	039-520-003	7.01	007	D2	039-520-003	7.01	007	D2
030-461-000	18.02	030	A4	039-525-003	12.01	001	D2	039-525-003	12.01	001	D2
030-461-000	18.02	047	B3	039-541-003	3.01	020	C4	039-541-003	3.01	020	C4
030-461-000	17.02	032	A3								

Español

Fig. 1: Dibujo

Dibujo explosionado dividido en coordenadas mostrando los piezas individuales y sus nos de posición. Pueden localizarse por sus coordenadas como indicado en "LOCATION" en la liste fig. 2.

Fig. 2: Lista

Página de textos con información necesaria para indentificar y pedir piezas de repuesto. La clasificación es como sigue:

Type:

No de tipo.

Section:

No de sección.

Page:

No de página.

Pos. No.:

No de posición.

Marco "I" delante del no de posición indica que se ha hecho una modificación en relación con la último puesta al día.

Part No.:

No de piezo.

"S"

Sólo las piezas marcadas con "S" están indicados en la lista de precios, y sólo éstas pueden normalmente entregarse.

Designation:

Designación.

Location:

Indicación de coordenadas.

To mach. No.:

Hasta la máquina no.

From mach. No.:

Desde la máquina no.

Printed:

La último publicación y puesta al día.

Replacing:

La publicación y la puesta al día anteriores.

Fig. 3: Indice

Lista por orden numerativo de piezas, donde cada no de pieza está anotada con su no de página, no de posición y indicación de coordenadas.

Dansk

Fig. 1: Tegning

Koordinatinddelt eksploderet tegning, der viser enkelt-delene og disses positionsnumre, som hver for sig kan lokaliseres ved deres koordinat som angivet under "LOCATION" i listen Fig. 2.

Fig. 2: Liste

Tekstside indeholdende oplysninger, som er nødvendige for identifikation og beordring af reservedele, rubriceret som følger:

Type:

Typenummer

Section:

Sektionsnummer

Page:

Sidenummer

Pos. No.:

Positionsnummer

"I"-markering foran positionsnummer indikerer, at her er foretaget en ændring i forbindelse med seneste opdatering.

Part No.:

Delnummer

"S"

Kun "S"-markerede dele er angivet i prislsten, og kun disse kan umiddelbart leveres.

Designation:

Betegnelse.

Location:

Koordinatangivelse.

To mach. No.:

Til maskinnummer

From mach. No.:

Fro maskinnummer.

Printed:

Seneste publicering og opdatering.

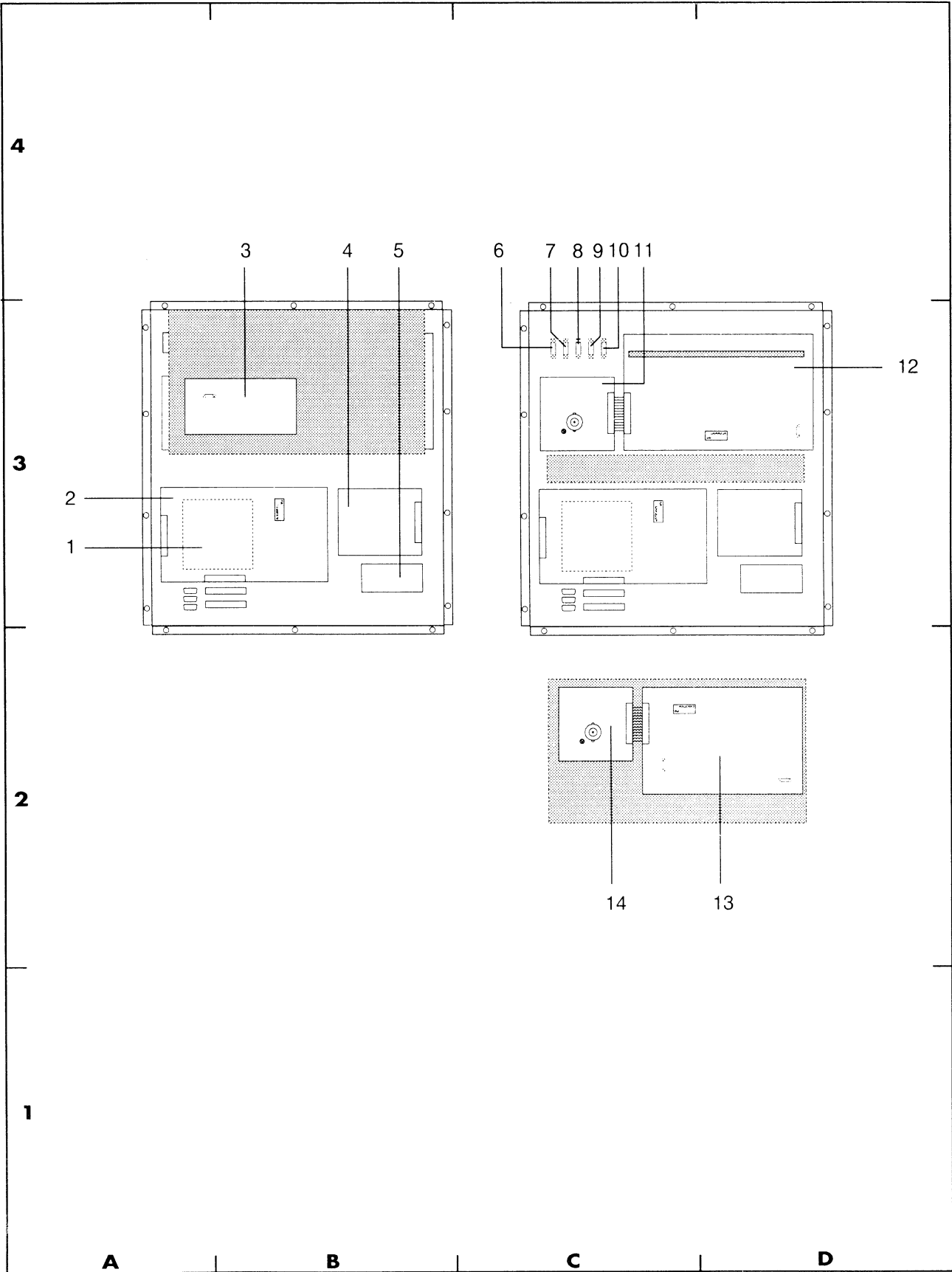
Replacing:

Forrige publicering og opdatering.

Fig. 3: Index

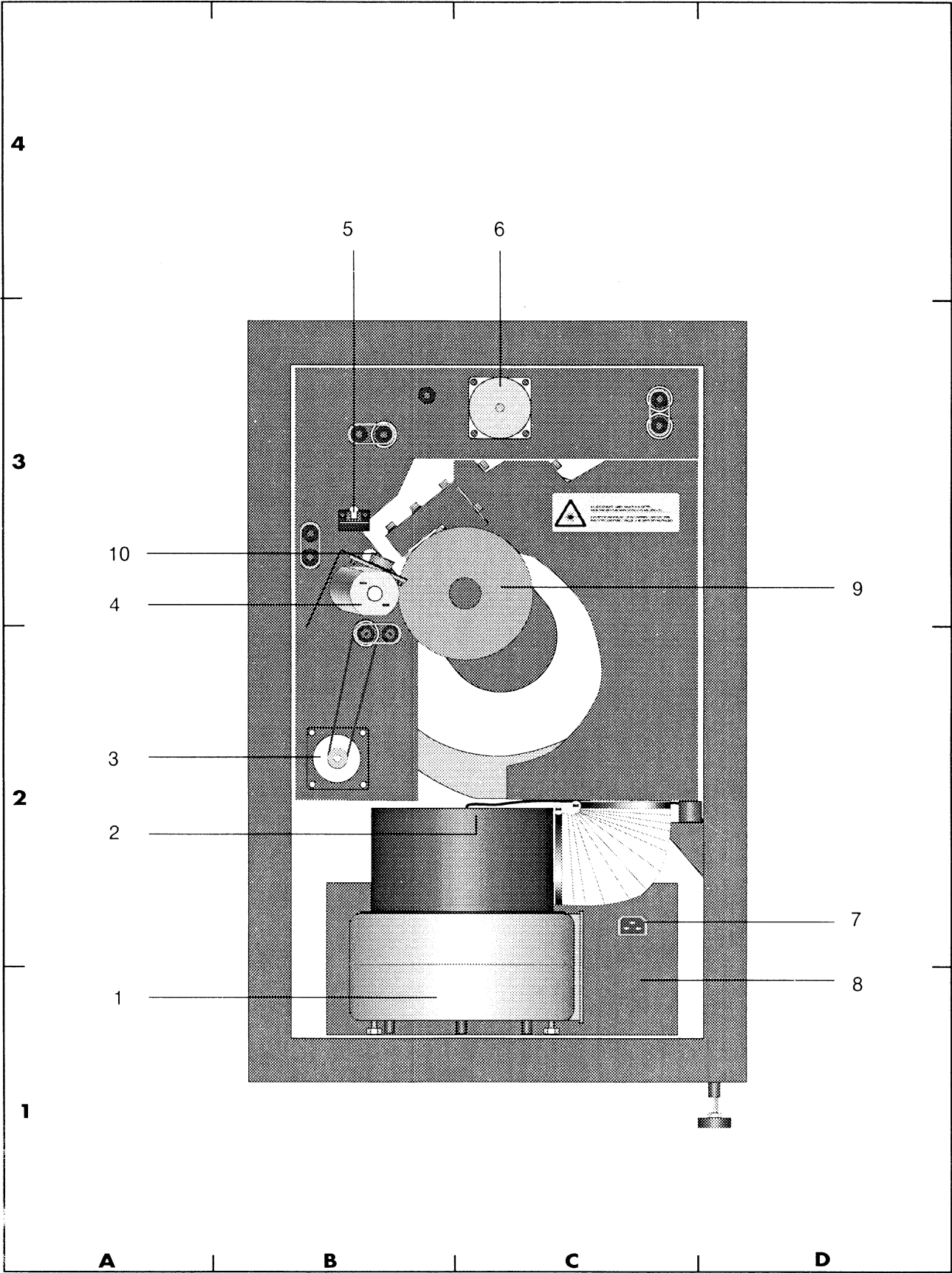
Liste i delnummerorden, hvor hvert delnummer angives med dets sidenummer, positionsnummer og koordinat-angivelse.

Printed Circuit Boards



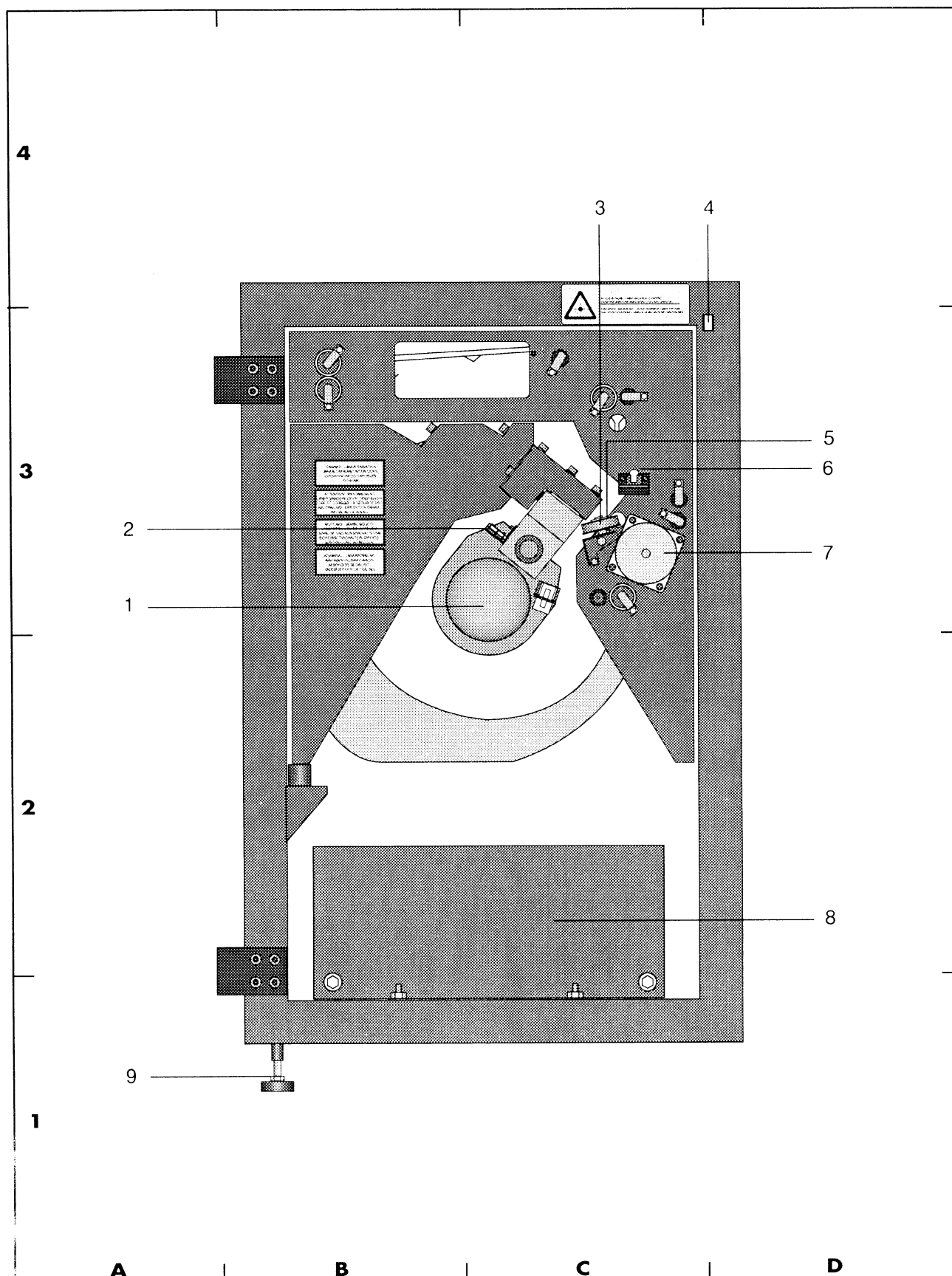
Pos. No.	Part No.	S	Designation	Loca- tion	To mach. No.	From mach. No.
001	419-214-000		CPU BOARD, IMAGESETTER Q	A3		
002	419-215-000		CONT. BOARD, IMAGESET Q	A3		
003	419-216-000		SPINNER DRIVER BOARD Q	B4		
004	419-226-000		CAR & OPTIC DRIVER Q	B4		
005	296-660-000		DRIVER BOARD Q	B4		
006	412-274-000	S	FUSE, 3A, SLOW Q	C4		
007	412-469-000	S	FUSE, 0,3A, SLOW Q	C4		
008	412-469-000	S	FUSE, 0,3A, SLOW Q	C4		
009	412-448-000	S	FUSE, 0,6A, UL/CSA Q	C4		
010	412-448-000	S	FUSE, 0,6A, UL/CSA Q	C4		
011	296-701-000	S	CPU BOARD Q	C4		
012	296-705-000	S	LOADER INTERFACE BOARD Q	D3		
013	296-704-000	S	DEV. INTERFACE BOARD Q	D2		
014	296-701-000	S	CPU BOARD Q	C2		

Plate Exposure Module, Left Side



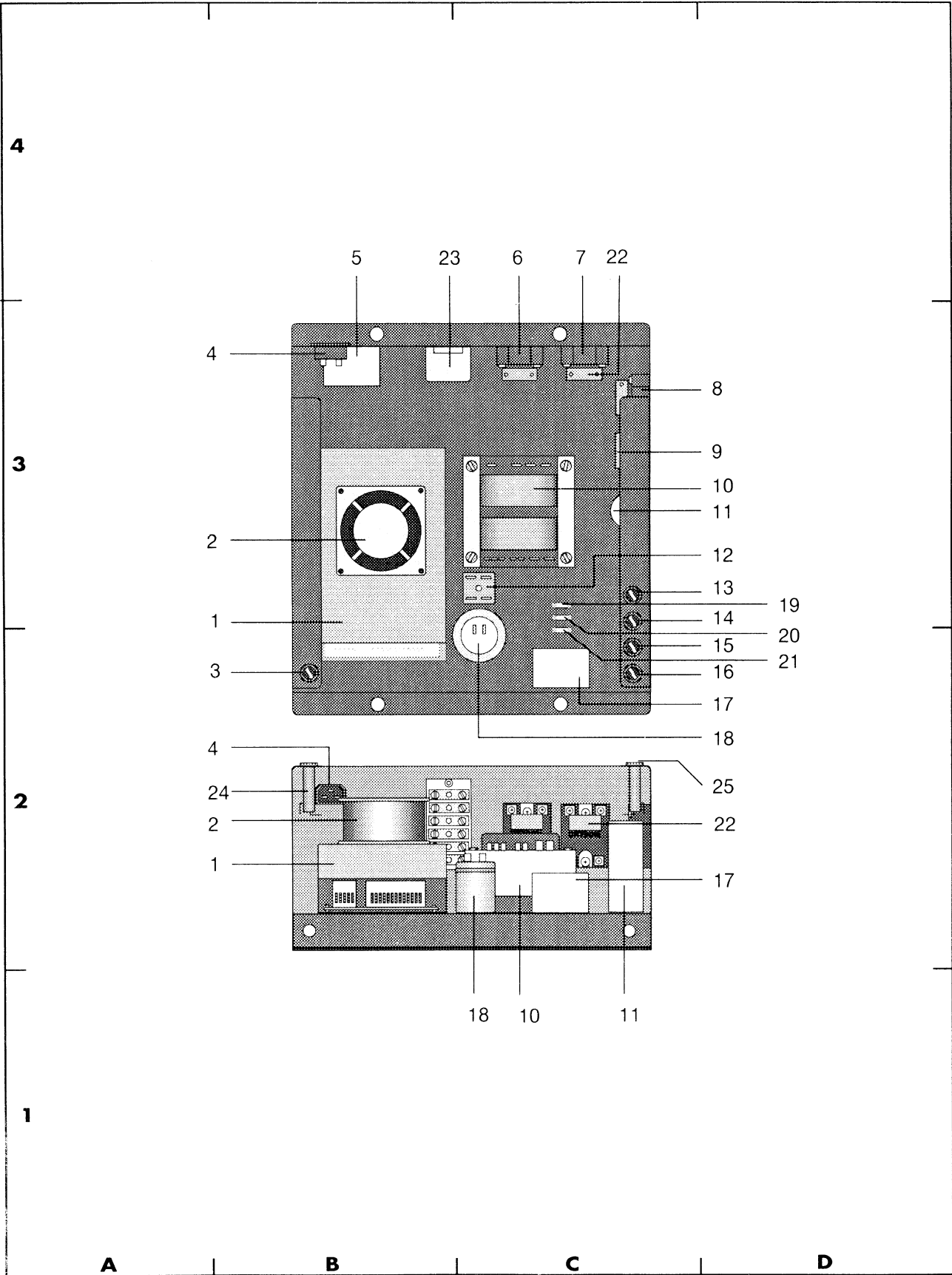
Pos. No.	Part No.	S	Designation	Loca- tion	To mach. No.	From mach. No.
001	259-869-000		MOTOR VAC. FAN COMPL.Q	A1		
002	296-708-000		REFLEX SENSOR, VACUUM Q	A2		
003	079-028-000		STEP MOTOR ASSY. Q	A2		
004	413-075-000		MOTOR, 24VDC Q	A3		
005	296-599-000		FORK SENSOR Q	B4		
006	079-028-000		STEP MOTOR ASSY. Q	C4		
007	411-545-000		PLUG, MAINS, 16A Q	D2		
008	081-990-000		HIGH VOLTAGE ASSY Q	D1		
009	419-409-000		MOTOR, STEP, SPINDLE Q	C4		
010	030-946-000		PULLEY, MOTOR Q	A3		

Plate Exposure Module, Right Side



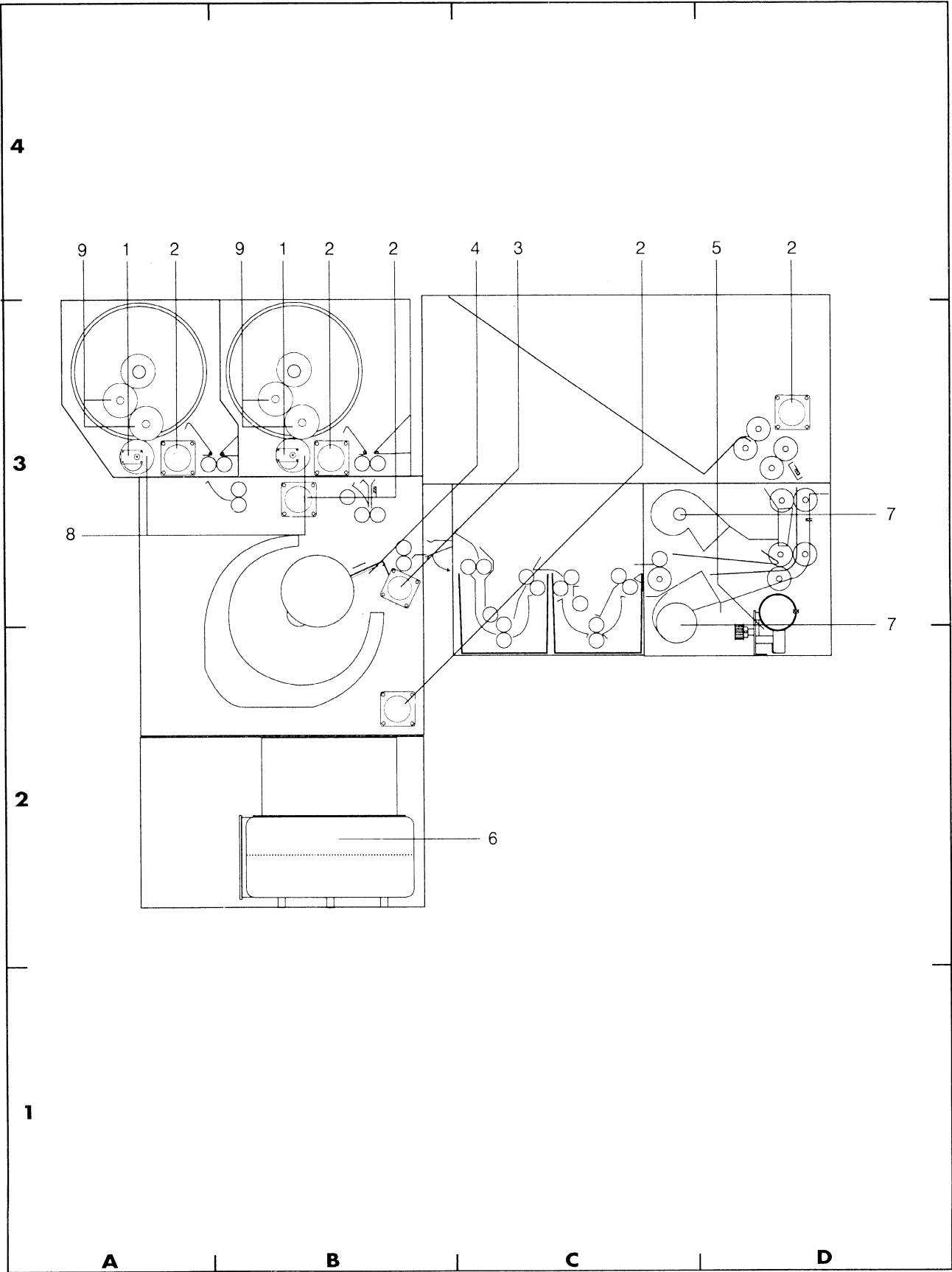
Pos. No.	Part No.	S	Designation		Loca- tion	To mach. No.	From mach. No.
001	419-401-000		MOTOR , SPINNER	Q	A3		
002	XXX-XXX-XXX		MICRO SWITCH	Q	A3		
003	452-101-000		TOOTHBELT,8MM,KEVLAR	Q	C4		
004	079-020-000		INTERLOCK	Q	D4		
005	030-984-000		PULLEY, BELT, Z20, T5	Q	D3		
006	296-599-000		FORK SENSOR	Q	D3		
007	067-049-000		MOTOR, STEP	Q	D3		
008	081-990-000		HIGH VOLTAGE ASSY	Q	D2		
009	459-090-000		ADJUSTING SCREW	Q	A1		

High Voltage Assembly



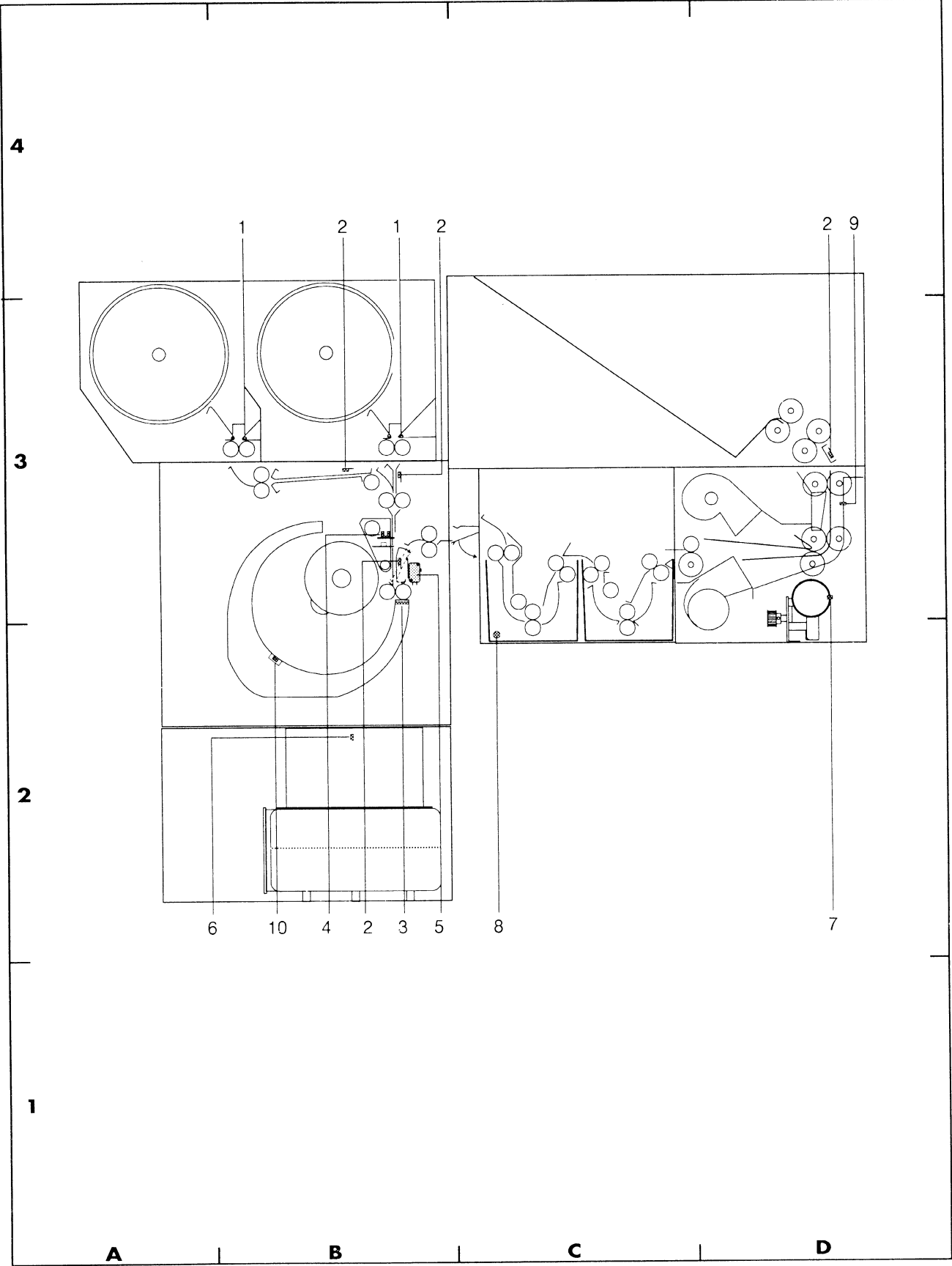
Pos. No.	Part No.	S	Designation		Location	To mach. No.	From mach. No.
001	419-225-000		SWITCH MODE POWER SUPPLY	Q	A2		
002	067-091-000		FAN, POWER SUPPLY	Q	A3		
003	412-451-000		FUSE, 15A, SLOW	Q	A2		
004	411-545-000		PLUG, MAINS, 16A	Q	A3		
005	414-971-000		LINE NOISE FILTER, 250V/20A	Q	B4		
006	414-061-000		RELAY, SOLID STATE, 25A	Q	C4		
007	414-061-000		RELAY, SOLID STATE, 25A	Q	C4		
008	414-071-000		TRIAC, SOLID STATE	Q	C3		
009	414-061-000		RELAY, SOLID STATE, 25A	Q	C3		
010	414-254-000		TRAFO, LOW VOLTAGE	Q	D3		
011	415-019-000		CAPACITOR, 8μF, 400V	Q	D3		
012	416-408-000		RECTIFIER, BRIDGE	Q	D3		
013	412-440-000		FUSE, 1A, SLOW	Q	D3		
014	412-446-000		FUSE, 3A, SLOW	Q	D2		
015	412-471-000		FUSE, 4A, FAST	Q	D2		
016	412-462-000		FUSE, 10A, 250V, SLOW	Q	D2		
017	414-970-000		LINE NOISE FILTER 250V/3A	Q	D2		
018	415-079-000		CAPACITOR 10mF/40V	Q	D2		
019	412-440-000		FUSE, 1A, SLOW	Q	D2		
020	412-476-000		FUSE, 0.1A, SLOW	Q	D2		
021	412-476-000		FUSE, 0.1A, SLOW	Q	D2		
022	064-950-000		RC-CIRCUIT	Q	D2		
023	412-826-000		TERMINAL BOARD	Q	B4		
024	412-443-000		FUSE HOLDER	Q	A2		
025	412-428-000		CAP FOR FUSE	Q	D2		

Motors



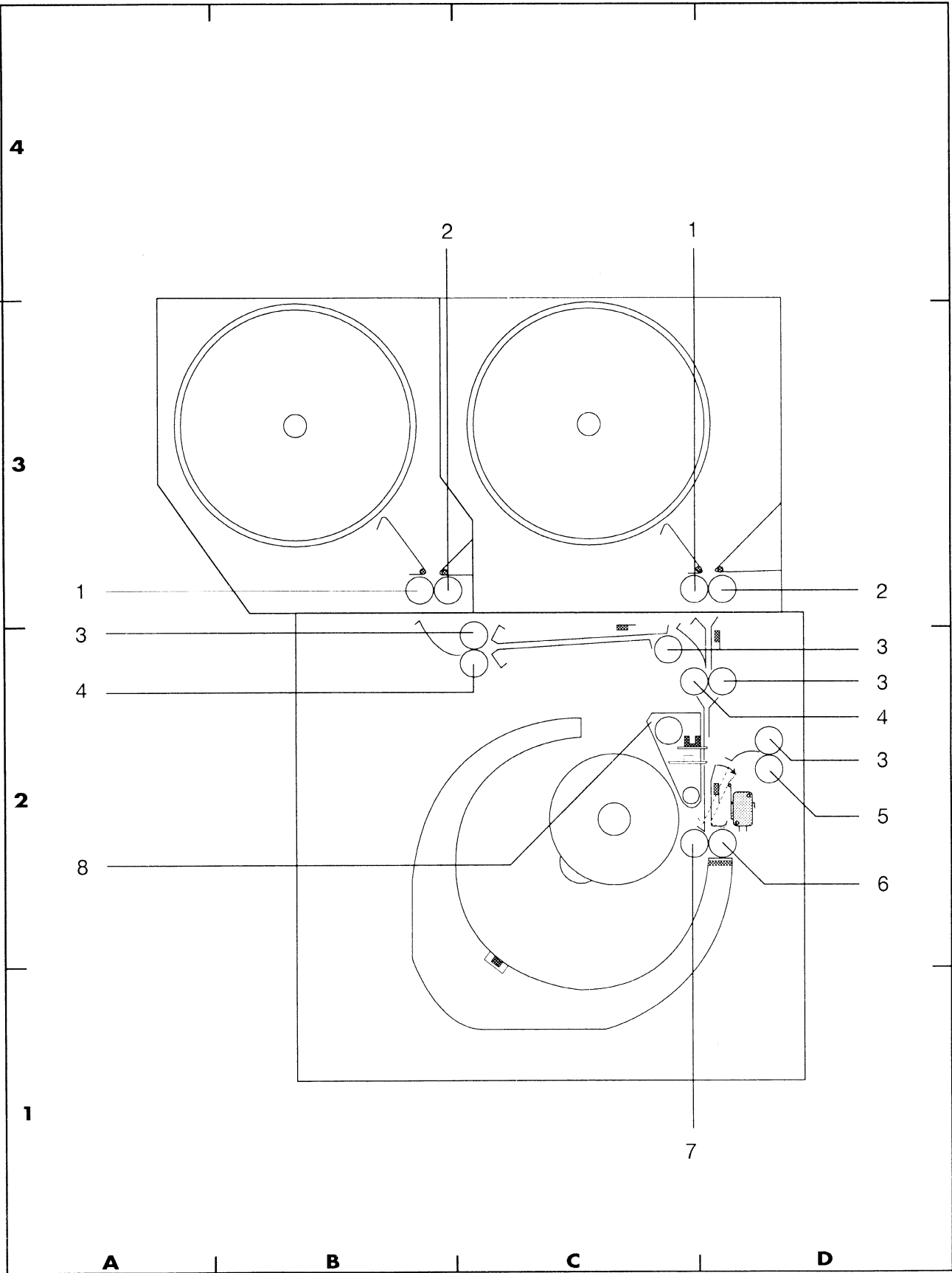
Pos. No.	Part No.	S	Designation		Loca- tion	To mach. No.	From mach. No.
001	067-051-000		MOTOR , DC, COMPL.	Q	A4		
002	079-028-000		STEP MOTOR ASSY.	Q	A4		
003	067-049-000		MOTOR, STEP, SMALL	Q	C4		
004	413-075-000		MOTOR, 24VDC	Q	D4		
005	413-055-000		MOTOR, 24V	Q	D3		
006	259-869-000		VACUUM FAN	Q	D3		
007	082-168-000		HEATER/BLOWER COMPL.	Q	D3		
008	030-978-000		DRIVE GEAR	Q	A3		
009	030-123-000		GEAR	Q	A4		

Sensors



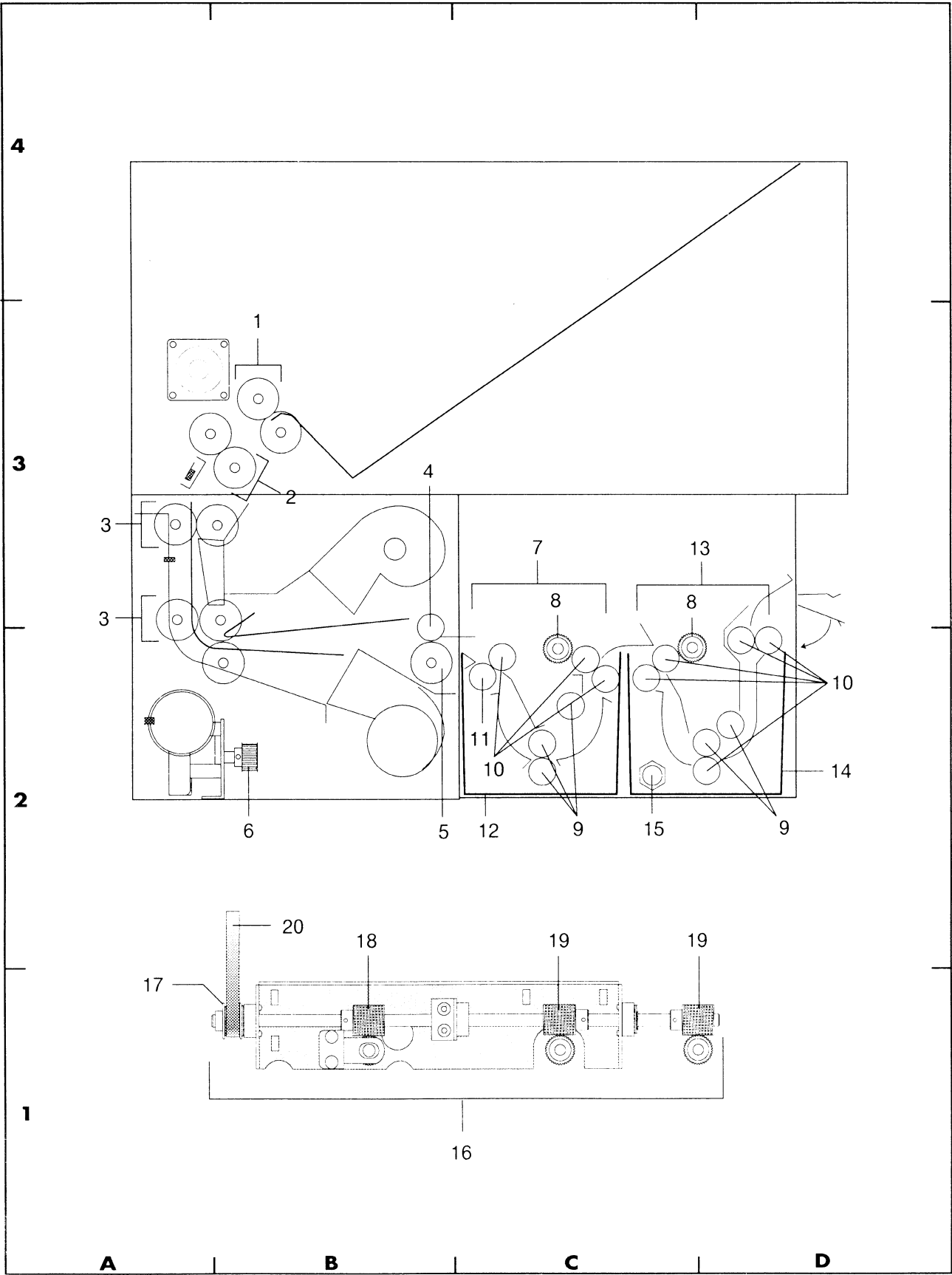
Pos. No.	Part No.	S	Designation		Location	To mach. No.	From mach. No.
001	296-710-000		SENSOR, EMPTY ROLL TYPE A	Q	B4		
002	296-598-000		REFLEX SENSOR BOARD	Q	B4		
003	296-706-000		REFLEX SENSOR BOARD	Q	B2		
004	296-599-000		MOTOR, 24VDC	Q	D4		
005	413-055-000		FORK SENSOR	Q	B2		
006	296-708-000		REFLEX SENSOR, VACUUM	Q	A2		
007	296-599-000		FORK SENSOR	Q	D2		
008	067-082-000		TEMP SENSOR	Q	C2		
009	021-345-000		SENSOR, DRYER , COMPL.	Q	D4		
010	XXX-XXX-XXX		SENSOR, FOCUS		B2		

Magazine & Loader Rollers, Knife Assembly



Pos. No.	Part No.	S	Designation		Loca- tion	To mach. No.	From mach. No.
001	022-594-000		ROLLER, MAGAZINE	Q	A3		
002	220-391-000		DRIVE ROLLER ASSY.	Q	B4		
003	220-388-000		ROLLER ASSY	Q	A3		
004	220-387-000		DRIVE ROLLER ASSY.	Q	A2		
005	220-392-000		DRIVE ROLLER ASSY.	Q	D2		
006	220-389-000		DRIVE ROLLER ASSY.	Q	D2		
007	220-390-000		ROLLER ASSY.	Q	D1		
008	079-009-000		KNIFE ASSY.	Q	A2		

Dev./Dryer Rollers



Pos. No.	Part No.	S	Designation		Location	To mach. No.	From mach. No.
001	054-972-000		DRIVE SHAFT ASSY	Q	B3		
	011-371-000		RUBBER ROLLER, Ø41X20	Q	B3		
	055-185-000		BEARING Ø8.1X11.9	Q	B3		
002	054-973-000		SHAFT ASSY	Q	B3		
	011-371-000		RUBBER ROLLER, Ø41X20	Q	B3		
	055-185-000		BEARING Ø8.1X11.9	Q	B3		
003	054-971-000		TRANSPORT SHAFT ASSY	Q	A3		
	011-371-000		RUBBER ROLLER, Ø41X20	Q	A3		
	055-185-000		BEARING Ø8.1X11.9	Q	A3		
004	022-596-000		ROLLER, TEFLON	Q	B3		
005	022-595-000		INLET ROLLER	Q	B2		
006	030-946-000		PULLEY, MOTOR	Q	B2		
007	240-242-000		STABILIZER RACK, COMPL	Q	C3		
008	254-066-000		DRIVE SHAFT, ASSY	Q	C3		
009	222-274-000		TRANSPORT ROLLER, ASSY	Q	C2		
010	222-273-000		ROLLER, RUBBER, ASSY	Q	C2		
011	222-563-000		ROLLER, MOLLETON	Q	C2		
012	240-255-000		TANK, STABILIZER, COMPL.	Q	D2		
013	240-241-000		ACTIVATOR RACK, COMPL.	Q	C3		
014	240-256-000		TANK, ACTIVATOR, COMPL.	Q	D2		
015	067-060-000		HEATING ELEMENT, 300W	Q	C2		
016	079-026-000		DRIVE SHAFT ASSEMBLY	Q	C1		
017	030-945-000		PULLEY, MAIN DRIVE	Q	A1		
018	030-098-000		WORM WHEEL, RIGHT	Q	B2		
019	030-099-000		WORM WHEEL, LEFT	Q	C2		
020	452-091-000		BELT, DRIVE	Q	B2		

Recommended Spare Part Kit.

Pos. No.	Part No.	Designation	Amount	Pos. No.	Part No.	Designation	Amount
	200-849-000	REC. SPARE PART KIT DPX 420					
001	021-337-003	GUIDE, TIPPING	1	037	419-215-000	CONTROL BOARD, IMAGESETTER	1
002	021-345-000	SENSOR, TEMP, DRYER, COMPL	1	038	419-216-000	SPINNER DRIVER BOARD	1
003	030-151-000	GEAR, 16T	6	039	419-225-000	SWITCH MODE POWER SUPPLY	1
004	030-426-000	GEAR, 40T, M1	6	040	419-226-000	CAR & OPTIC DRIVER	1
005	030-963-000	GEAR, M1, Z25	6	041	452-091-000	BELT, DRIVE	1
006	030-982-000	GEAR, 40T, M1	6	042	452-101-000	TOOTHBELT, 8MM, KEVLAR	1
007	067-049-000	MOTOR, STEP, SMALL, COMPL.	1	043	452-109-000	TOOTHBELT, 3MA, B=6, 510MM	1
008	067-051-000	MOTOR, DC, COMPL.	1	044	452-110-000	TOOTHBELT, 3MA, B=6, 270MM	1
009	082-168-000	KEATER/BLOWER COMPL.	1	045	466-306-000	PIN, 0.3 X 16	1
010	259-869-000	MOTOR, VAC. FAN, COMPL.	1				
011	296-598-000	REFLEX SENSOR BOARD	1				
012	296-599-000	FORK SENSOR	1				
013	296-660-000	DRIVER BOARD	1				
014	296-701-000	CPU BOARD	1				
015	296-704-000	DEV. INTERFACE BOARD	1				
016	296-705-000	LOADER INTERFACE BOARD	1				
017	296-706-000	REFLEX SENSOR BOARD	1				
018	296-708-000	VACUUM REFLEX SENSOR	1				
019	411-160-000	MICROSWITCH	1				
020	411-170-000	MICROSWITCH	1				
021	411-417-000	CABLE, COAX	1				
022	412-254-000	POL. LOCK	1				
023	412-440-000	FUSE 1A, SLOW	1				
024	412-446-000	FUSE 3A	1				
025	412-451-000	FUSE 15A, SLOW	1				
026	412-462-000	FUSE 10A, SLOW	1				
027	412-471-000	FUSE 4A, FAST	1				
028	412-868-000	JUMPER	1				
029	413-055-000	MOTOR, 24V	1				
030	413-075-000	MOTOR, 24VDC	1				
031	414-061-000	RELAY, SOLID STATE, 25A	1				
032	414-071-000	TRIAC, SOLID STATE	1				
033	415-019-000	CAPACITOR, 8µF/400V	1				
034	415-079-000	CAPACITOR, 10mF/40V	1				
035	416-408-000	RECTIFIER, BRIDGE	1				
036	419-214-000	CPU BOARD, IMAGESETTER	1				