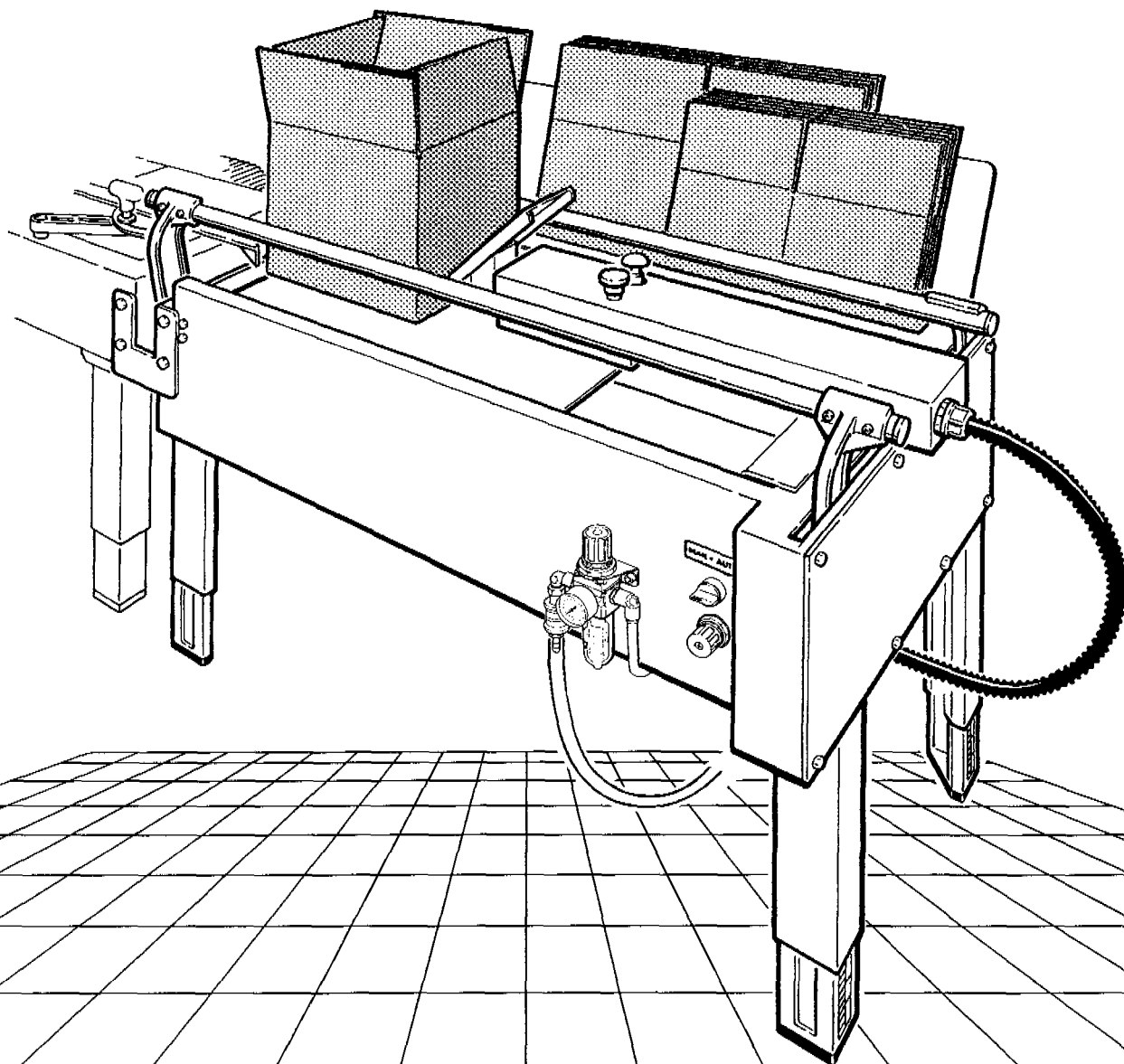




siat[®]



CASE FORMER

F104-P
Type A

INSTRUCTIONS MANUAL AND SPARE PARTS LIST



Edizione Inglese

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WARRANTY

Within the limits of what is set forth below, Seller agrees to repair or replace without cost to Buyer any defective goods when such defect occurs within a period of six (6) months from the date in which Seller's goods have been put into use, but in no event beyond eight (8) months from the date of shipment.

Expressly excluded from this warranty are those parts subject to normal wear and tear (by way of illustration, but not limitation, such parts as belts, rubber rollers, gaskets, brushes, etc.) and electrical parts.

Buyer must immediately notify Seller of any defect, specifying the serial number of the machine.

Buyer shall send to Seller the defective item for repair or replacement. Seller will perform the repairs or provide a replacement within a reasonable period of time. Upon effecting such repair or replacement, Seller shall have fulfilled its warranty obligations. In the event the repairs or replacement must be effected at the place where the machine is installed, all expenses for labor, travel and lodging of Seller's personnel shall be sustained by the Buyer. Buyer will be invoiced in conformity with Seller's standard charges for the services rendered.

Within the limits of this warranty, Seller will be responsible for defects resulting from the normal use of its machines, but not for defects resulting from:

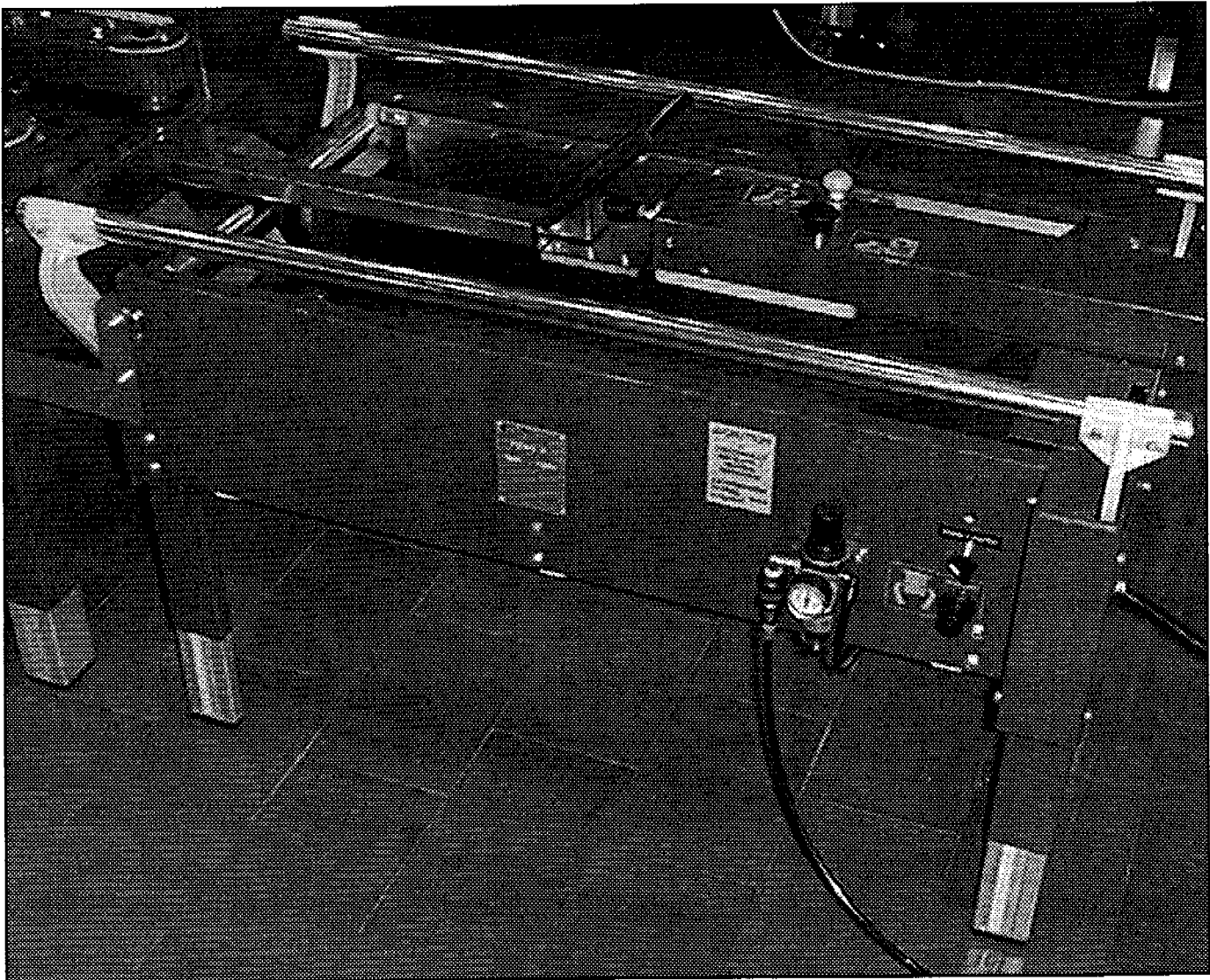
- **Defects which develop subsequent to delivery**
- **Improper use of the machine**
- **Lack of proper maintenance**
- **Tampering with the machine or where repairs have been effected by the Buyer.**

Seller will not be liable for any injury to persons or things or for the failure of production. With respect to the materials not manufactured by Seller, such as motors and electrical equipment, Seller will grant to Buyer the same warranty Seller receives from its supplier of such materials. Seller does not warrant the compliance of its machines with the laws of the country in which the machines may be installed, nor does it warrant compliance with laws or standards relating to the prevention of accidents or pollution. Adaptation of Seller's machines to the aforesaid laws or standards shall be the responsibility of Buyer who assumes all liability therefore. Buyer shall indemnify and hold Seller harmless against any claim by third parties resulting from failure to comply with the aforesaid laws and standards.

RESIDUAL HAZARDS

The case former mod. F104-P has been designed and manufactured according to the EEC Directive on Machinery 89/392 and it is equipped with special adjustments and safety protections that never must be removed or disarmed.

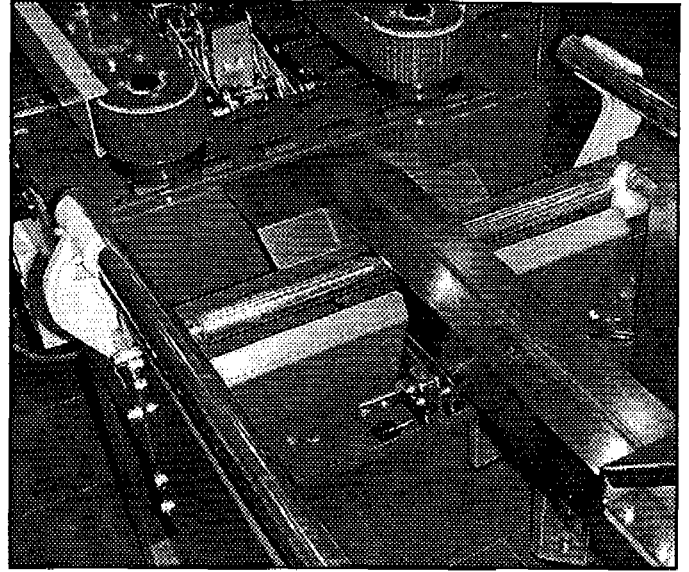
Although the safety measures adopted by the designers, it is essential that the machine operator and the technicians concerned for the maintenance are preventively informed of the following not eliminable residual hazards.



LEFT/RIGHT FLAP FOLDER CAM



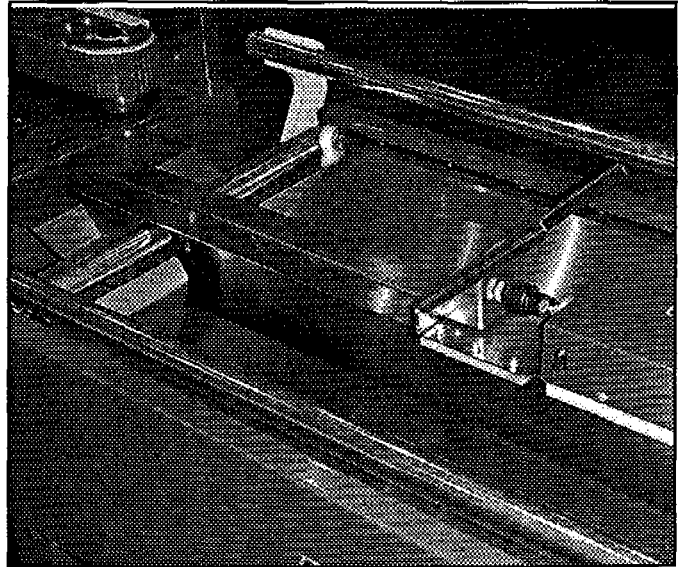
Do not introduce any part of the body between the side flap folder cams and do not press with your hands. Danger to be squashed!



LEFT/RIGHT FLAP FOLDER PANEL



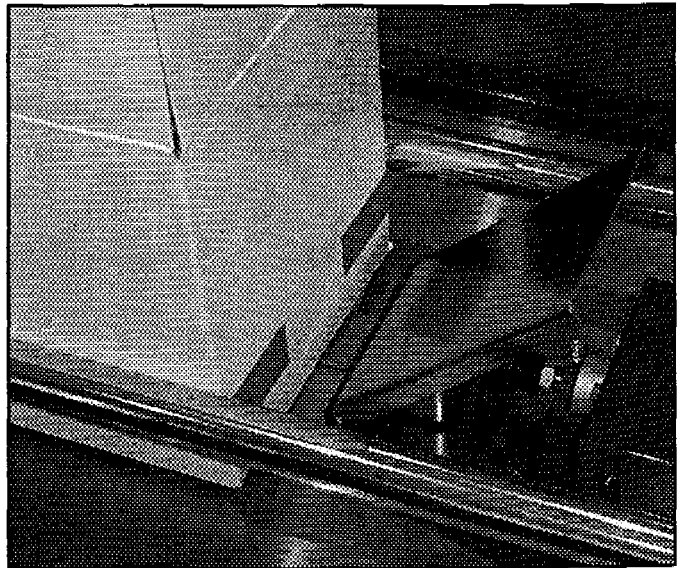
Do not introduce your hands between the box-holder guide and the flap folder device. Danger to be squashed. Danger to be squashed!

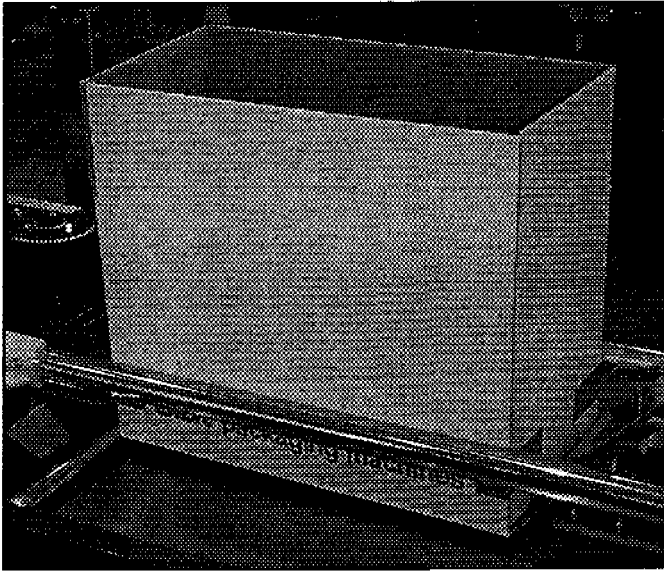


PUSH CYLINDER



Do not introduce your hands between the push cylinder and the box. Danger to be squashed!

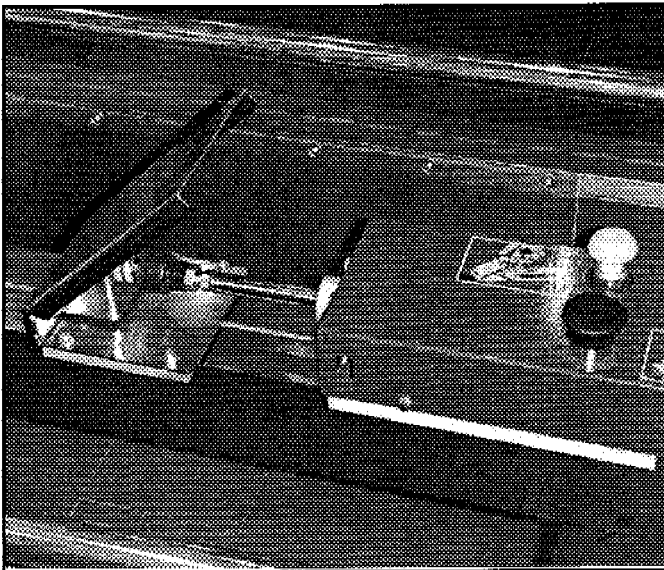




BOX CENTERING GUIDES



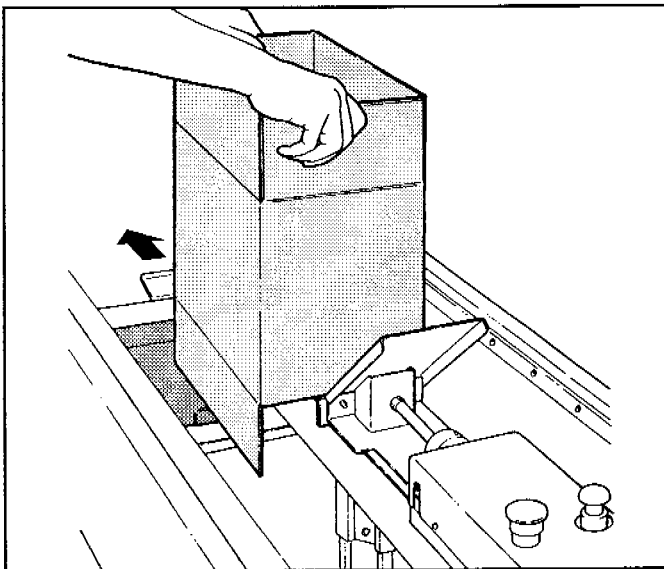
Do not introduce your hands between the box and the centering guides.
Danger to be squashed!



PUSH CYLINDER



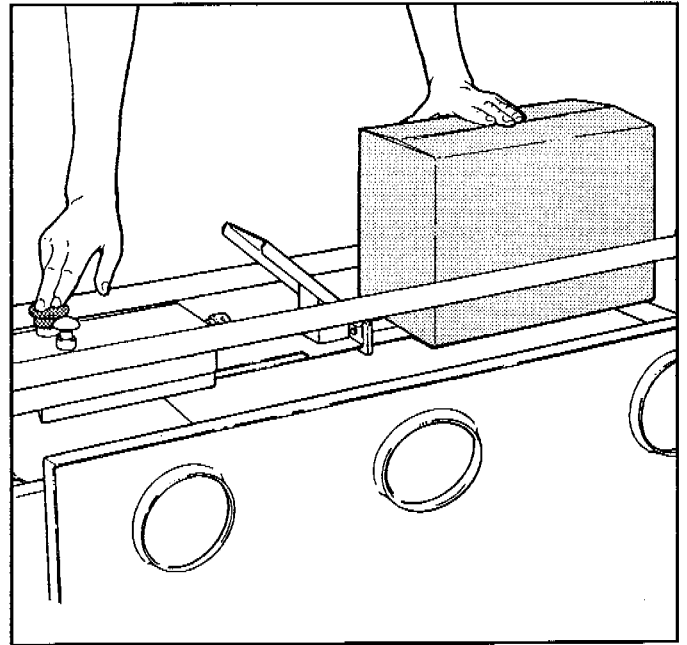
Do not touch and do not introduce your hands on the cylinder shaft during the return in position phase.
Danger to be squashed!



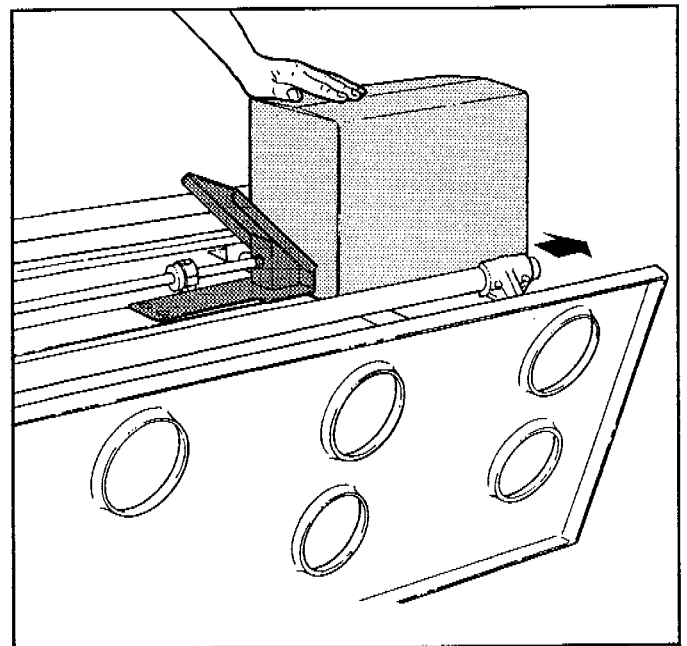
CORRECT POSITION OF YOUR HANDS DURING THE WORK CYCLE

Box introduction.

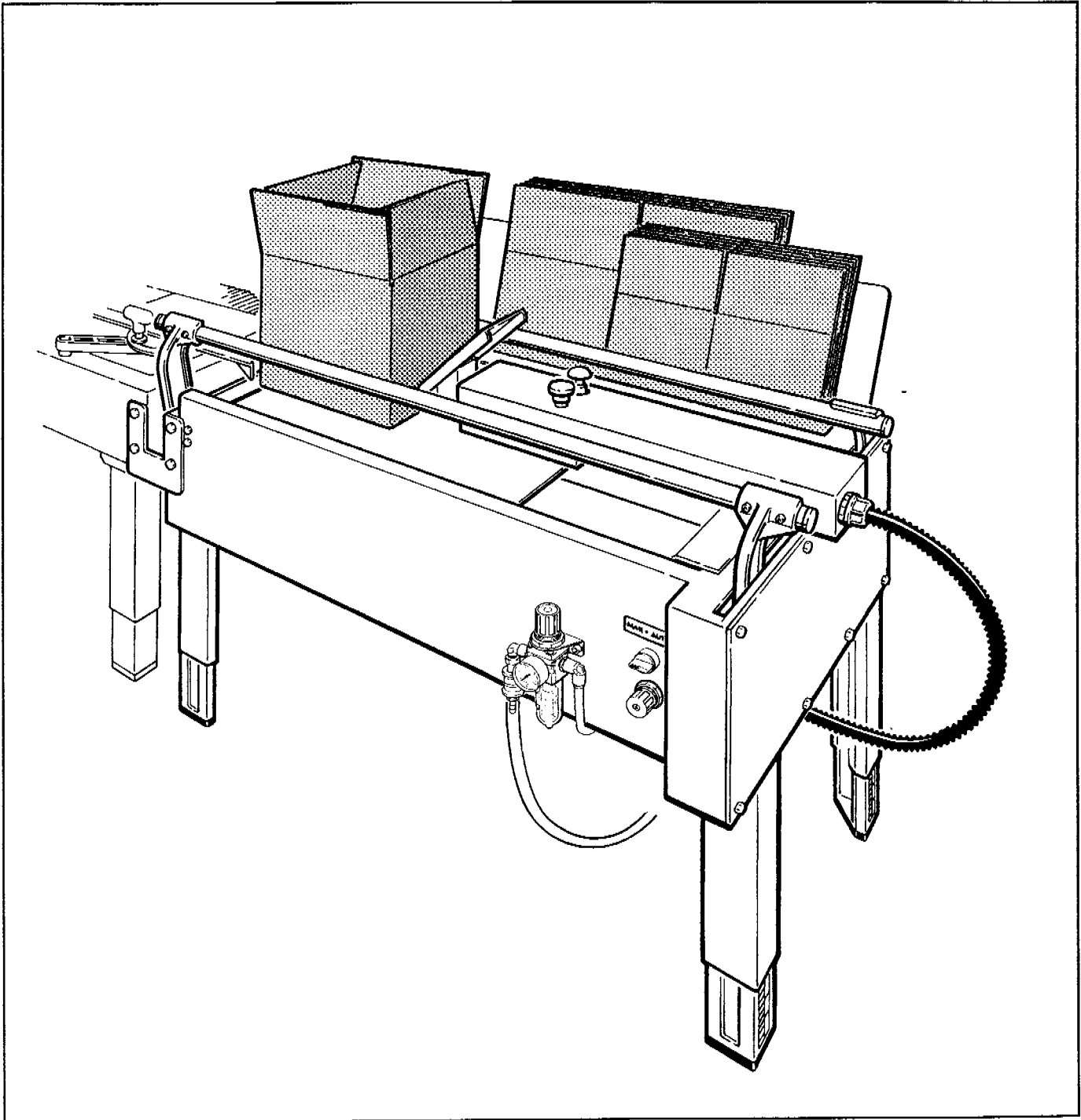
Box ejection after having pressed the button.



Box guide during the ejection phase.



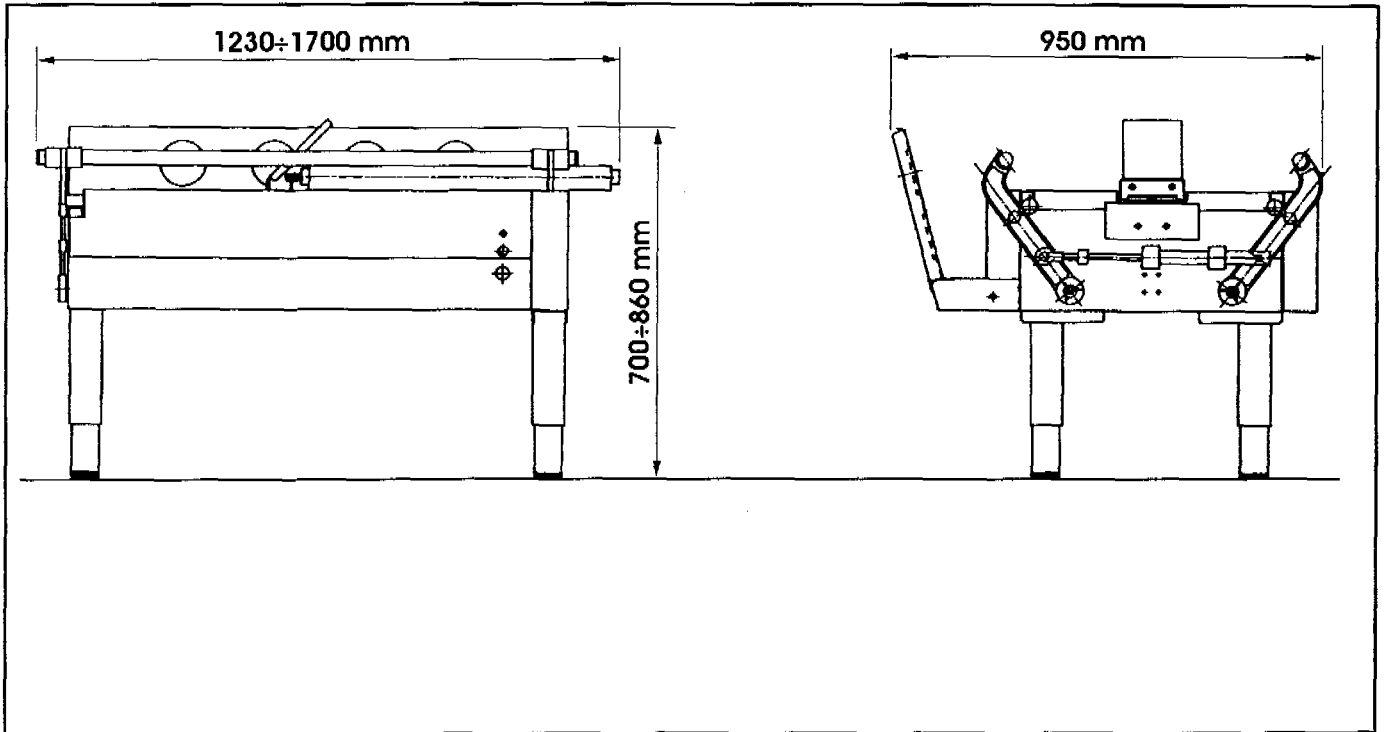
DESCRIPTION



The F104-P Case Former folds the bottom flaps of cartons fed to the machine by an operator allowing for time savings. The carton, with bottom flaps closed, is held in upright position for filling. The carton is ejected by means of a pneumatic device and automatically fed into a case sealer either for simultaneous top and bottom sealing or for the preparation of formed and bottom-sealed cartons. The case former can be used with the SM08 for box bottom taping.

TECHNICAL SPECIFICATIONS

MACHINE DIMENSIONS



Air power requirements: 5÷6 Bar

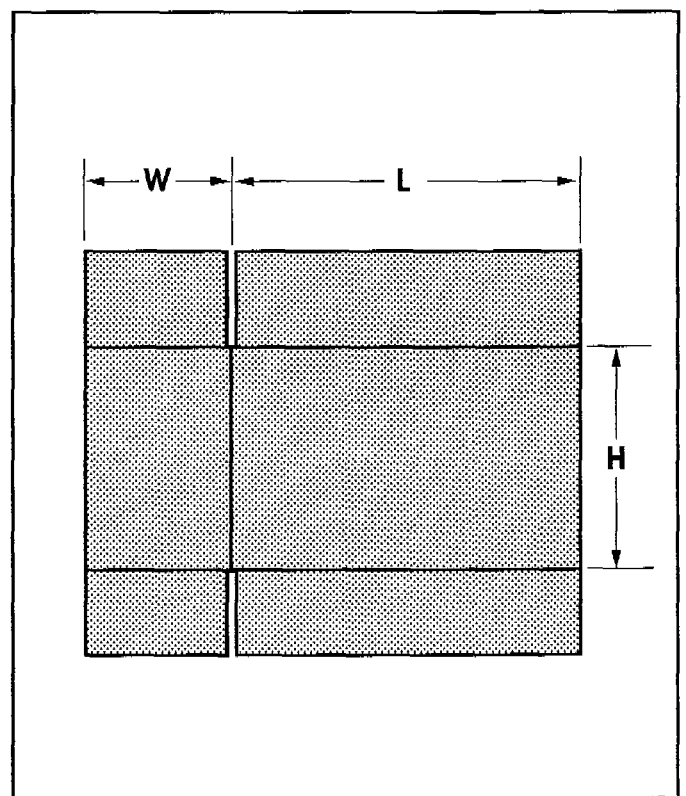
Air consumption: ca. 8NI/box

Production: 300÷600 box/h

Weight: 90 kg

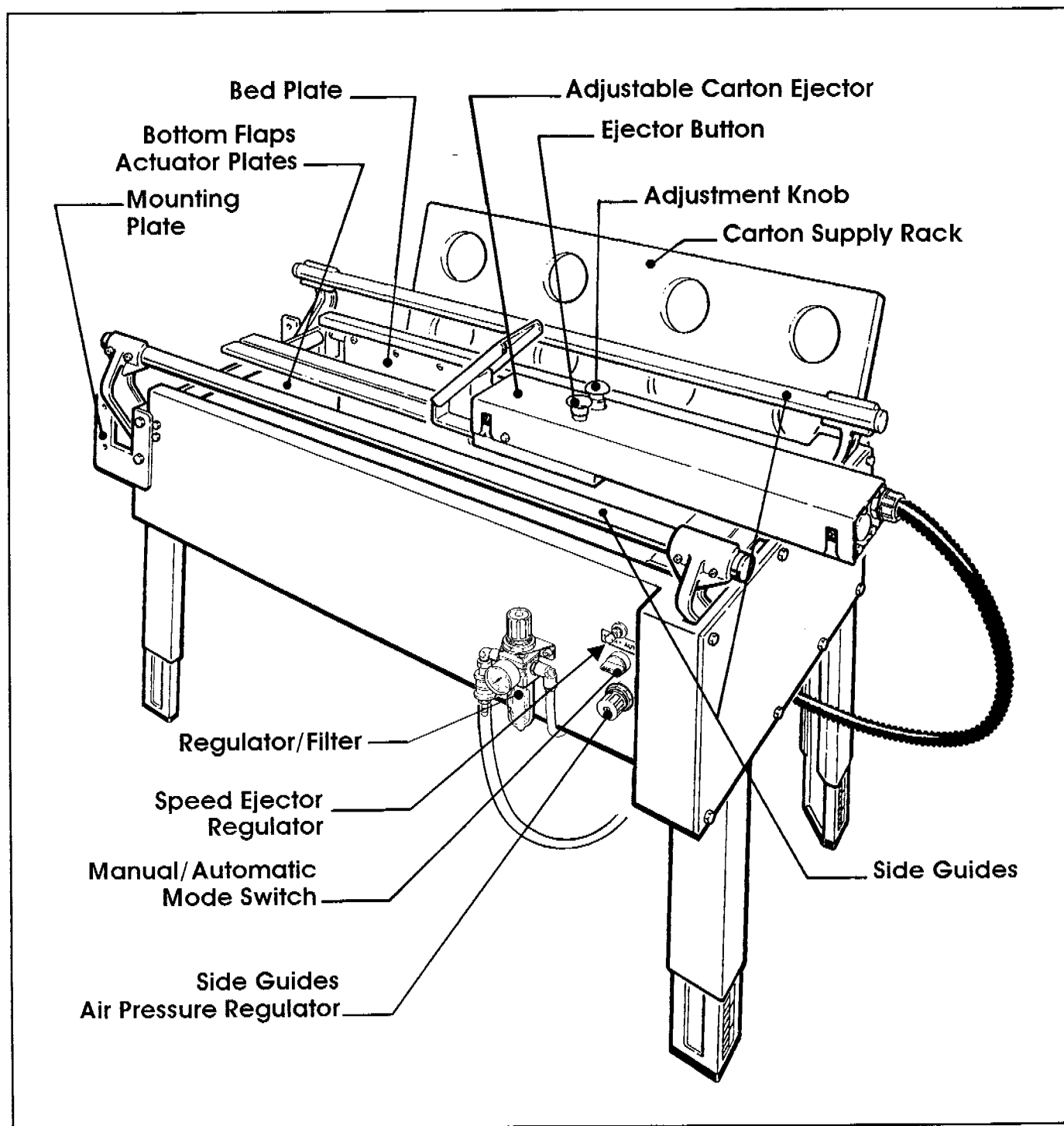
BOX DIMENSIONS

F104-P	L	W	H
MIN.	200	150	120
MAX.	600	500	500



CONTROLS DESCRIPTION

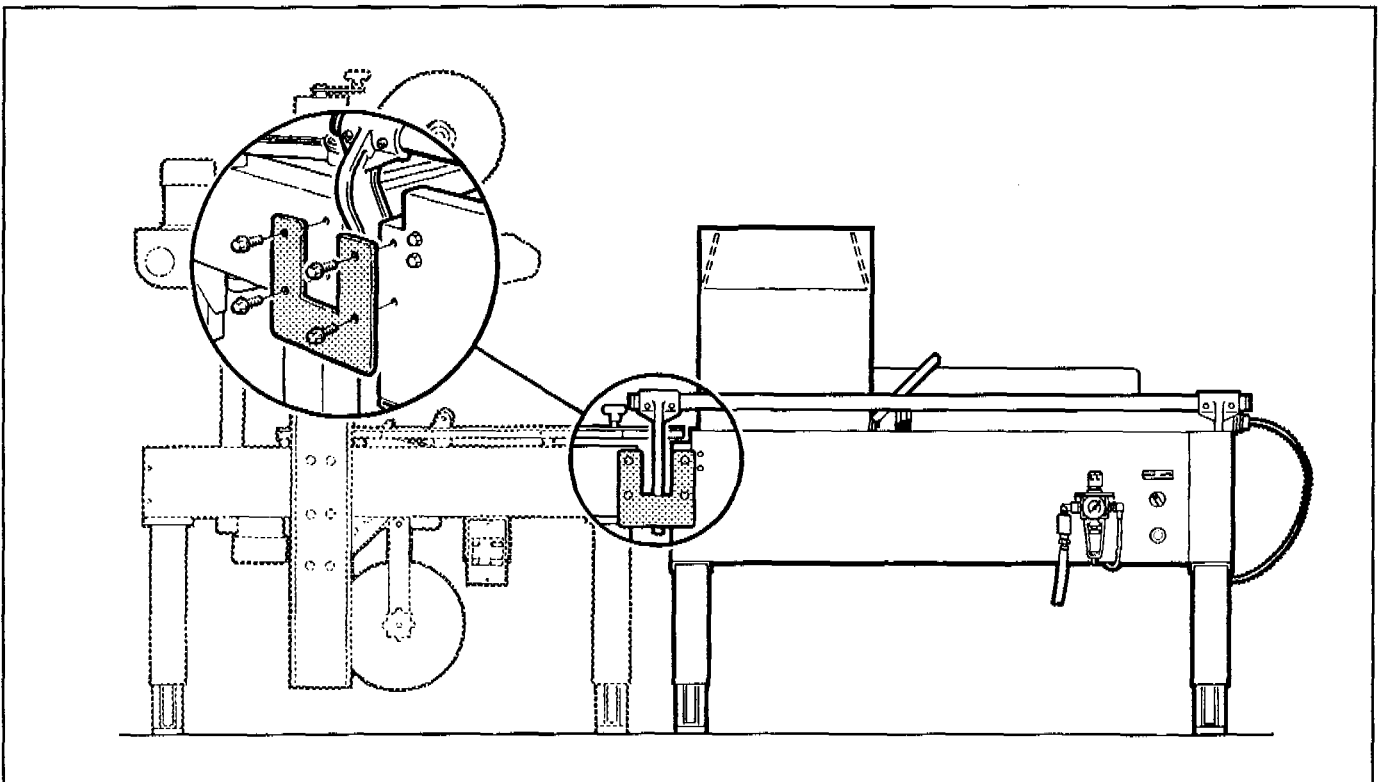
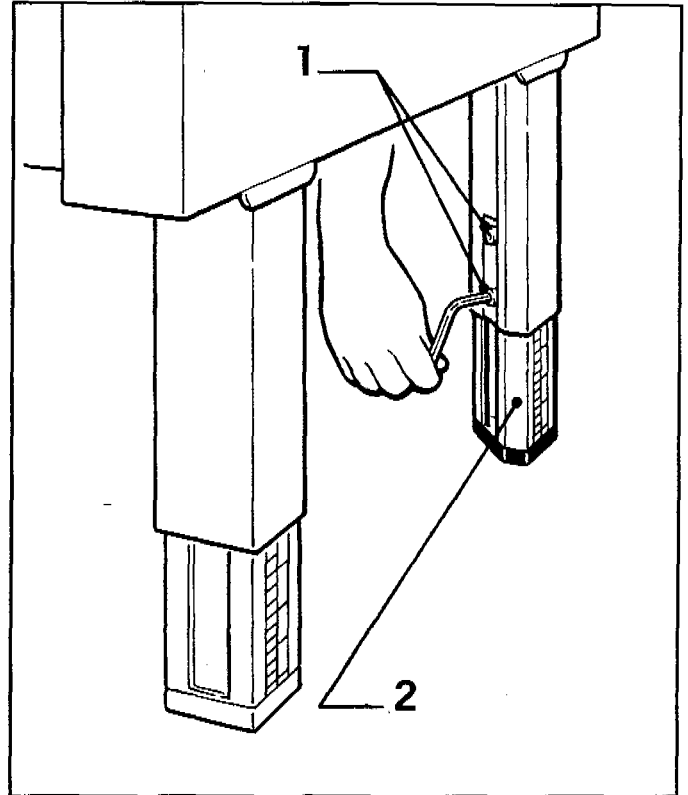
The following instructions are presented in the order recommended for setting up and installing the F104-P Case Former, as well as for learning the operating functions and adjustments. Following them step by step will result in your understanding of the machine and an installation in your production line that best utilizes the features built into the Case Former.



INSTALLATION

The Case Former is equipped with four adjustable legs to obtain different conveyor bed heights.

Loosen, but do not remove, two M8x16 mm socket screws **1**). Adjust the leg **2**) for the desired bed height. Retighten the two screws to secure the leg. Adjust all four legs as noted.

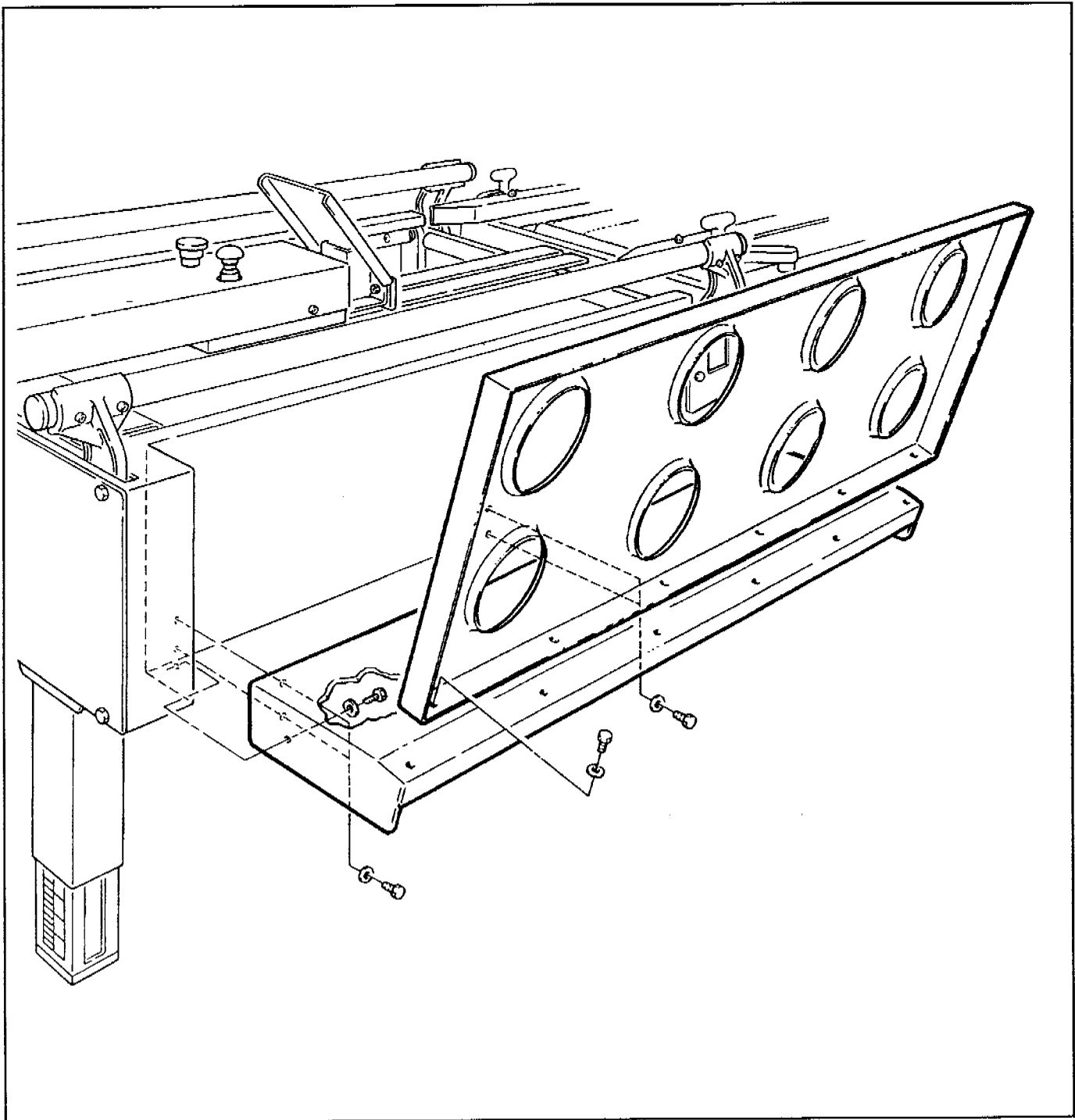


Mounting Bracket Installation

Case Former bed must be level and equal to Case Sealer bed height. Install mounting brackets as shown.

INSTALLATION

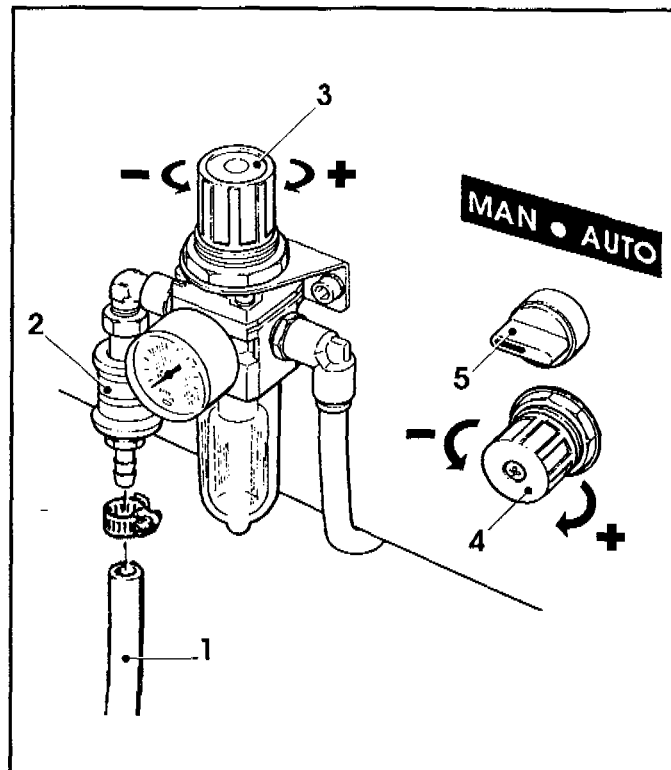
CARTON SUPPLY RACK INSTALLATION



The Case Former is provided with a carton supply rack for convenience storing of unfolded, flat cartons at the loading/filling station. The supply rack is not assembled to the case former for shipping purposes. Should you chose to use this feature refer to figure and install the rack on the right side of the Case Former frame as shown, using the screws and washers provided.

INSTALLATION

- 1) Connect the air supply hose fittings 1) to the regulator.
- 2) Move the pneumatic control to ON 2).
- 3) Adjust the pressure air (6,5 Bar) with the knob 3).
- 4) Adjust the side-guides pressure with the regulator 4).



MANUAL/AUTOMATIC MODE

The operator can control the box movement from the Case Former to the Case Sealer by the switch 5) located on the left side of the frame.

MANUAL MODE

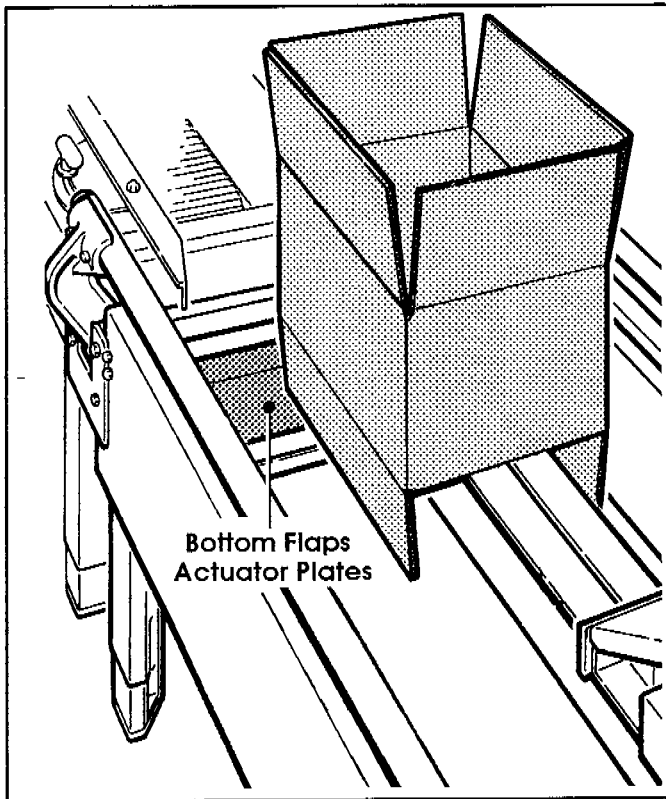
In the manual mode, (for top and bottom taping) the operator must press the ejector button to move the box forward by the ejector into the Case Sealer.

AUTOMATIC MODE

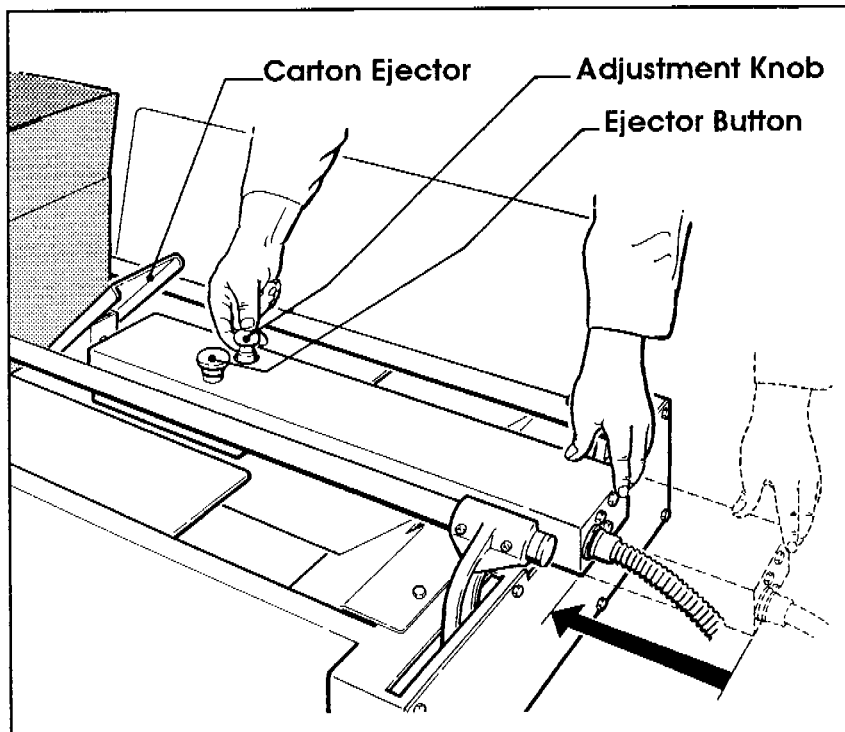
In the automatic mode, (for bottom taping only - with SM08 Case Sealer) the box is moved forward by the ejector without operator assistance.

ADJUSTMENT

For adjust the carton ejector position proceed as follow:



- 1) Make the pneumatic control in OFF position.
- 2) Insert one box with the front and back bottom flaps folded in.
- 3) Move the box forward until the bottom flaps contact the bottom flaps actuator plates.



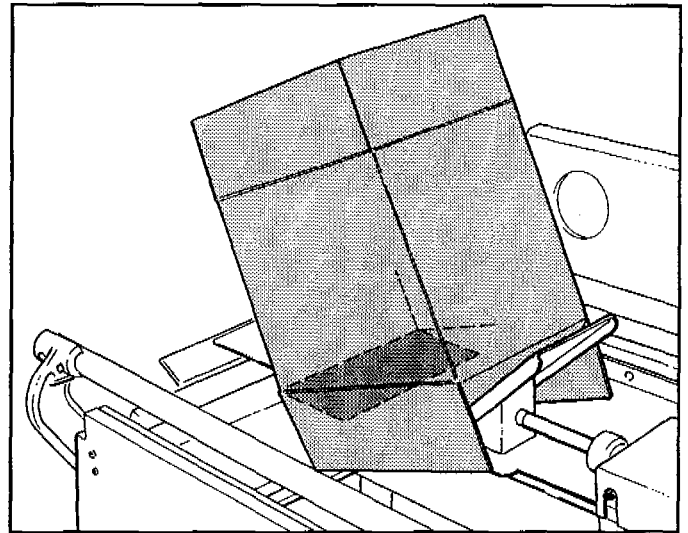
- 4) Take on the adjustment knob.
- 5) Move the carton ejector to 50 mm from the ending box.
- 6) Release the adjustment knob.
- 7) Move the carton ejector until the knob fit in nearest hole.
- 8) Remove the box.
- 9) Make the pneumatic control to ON to energize the pneumatic components.

SEQUENCE OF OPERATION

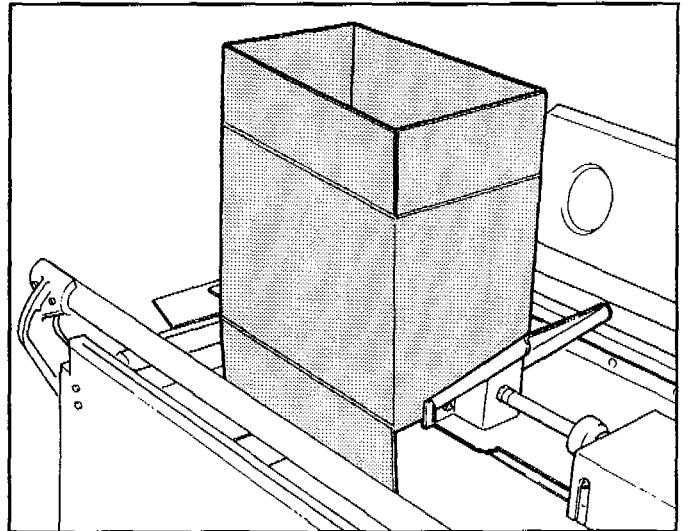
Pre-set the mode switch in MAN position.

The operator places an open box, with the front and back bottom flaps folded in, onto the Case Former center rail.

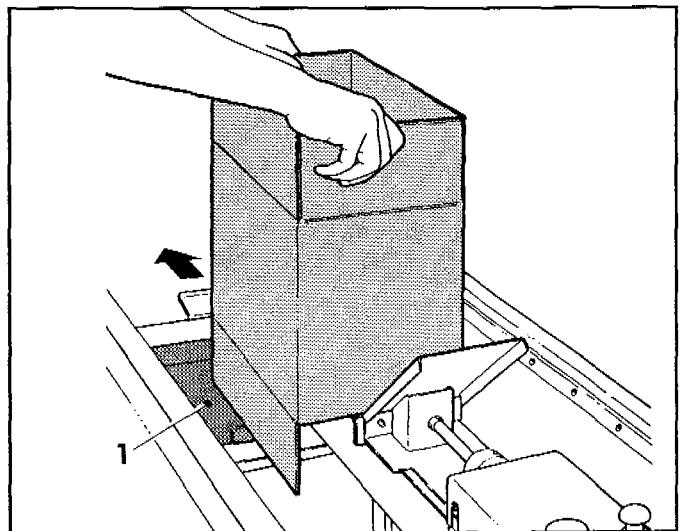
Insert box slightly inclined into the machine so to fold the front flap with the central rail.



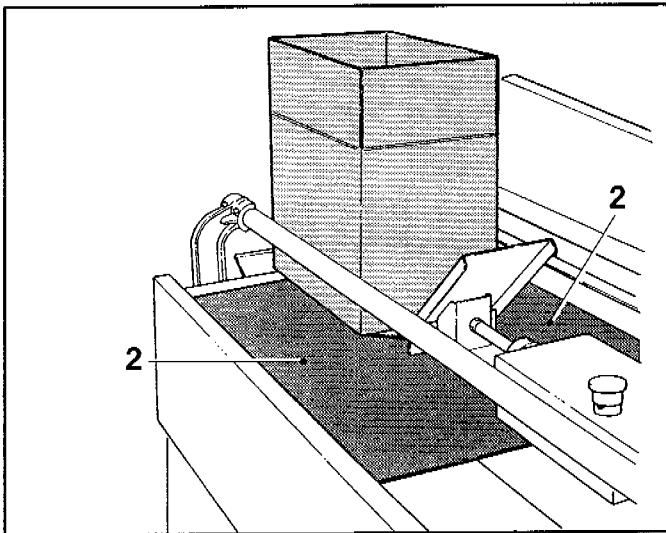
Put the rear flap against the carton ejector; give some pressure so to fold the flap and let the box slide on the central rail.



The operator moves the box forward until the bottom flaps contact the bottom flaps actuator plates 1).

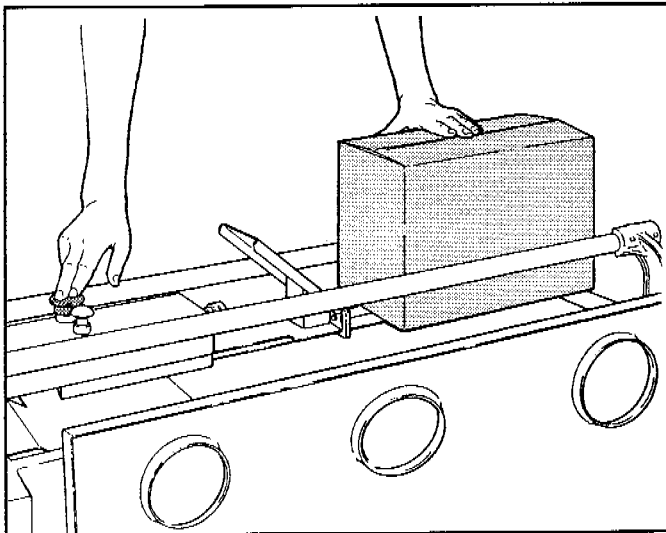


SEQUENCE OF OPERATION



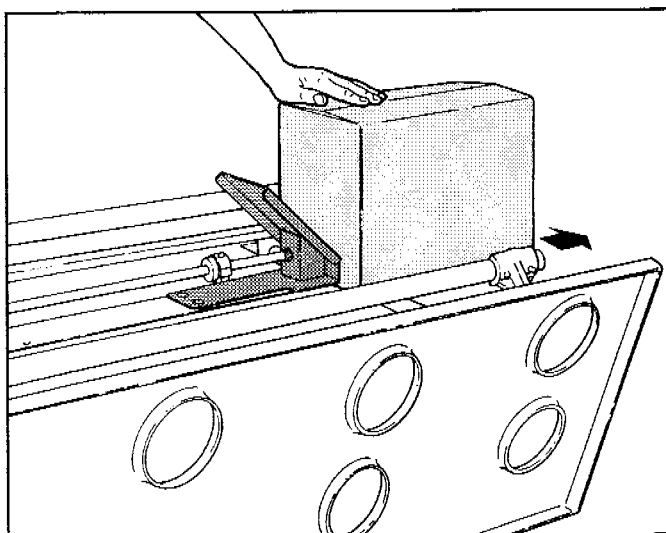
The bottom flaps actuator plates energizes the air cylinder powered side guides to move inward to center and hold the box. At the same time the two bed plates **2**), at rest in vertical position below the box, are rotated up to a horizontal position by two air cylinders. The right and left bottom box flaps are folded up in this sequence.

The box is now filled with product.



The operator closes and holds the top box flaps down (with SM2 or SM8 Case Sealer) The operator presses the eject button that energizes the air cylinder powered ejector that moves the product filled box forward onto the Case Sealer bed.

When used with SM11 or XL33 leave the top box flaps open and push the eject button.



The operator holds the box top flaps down until the box moves under the Case Sealer top taping head.

SEQUENCE OF OPERATION

BOX - BOTTOM TAPING ONLY

The Case Former, when used with the SM08 Case Sealer can be operated for box bottom taping with set-up as follows:

- 1 - Perform the set-up procedures outlined in Case Former instruction manual.
- 2 - Turn the mode switch (page 13; pos.5) to the automatic mode.
- 3 - Raise the Case Sealer top taping head to maximum height.

MAINTENANCE

WARNING

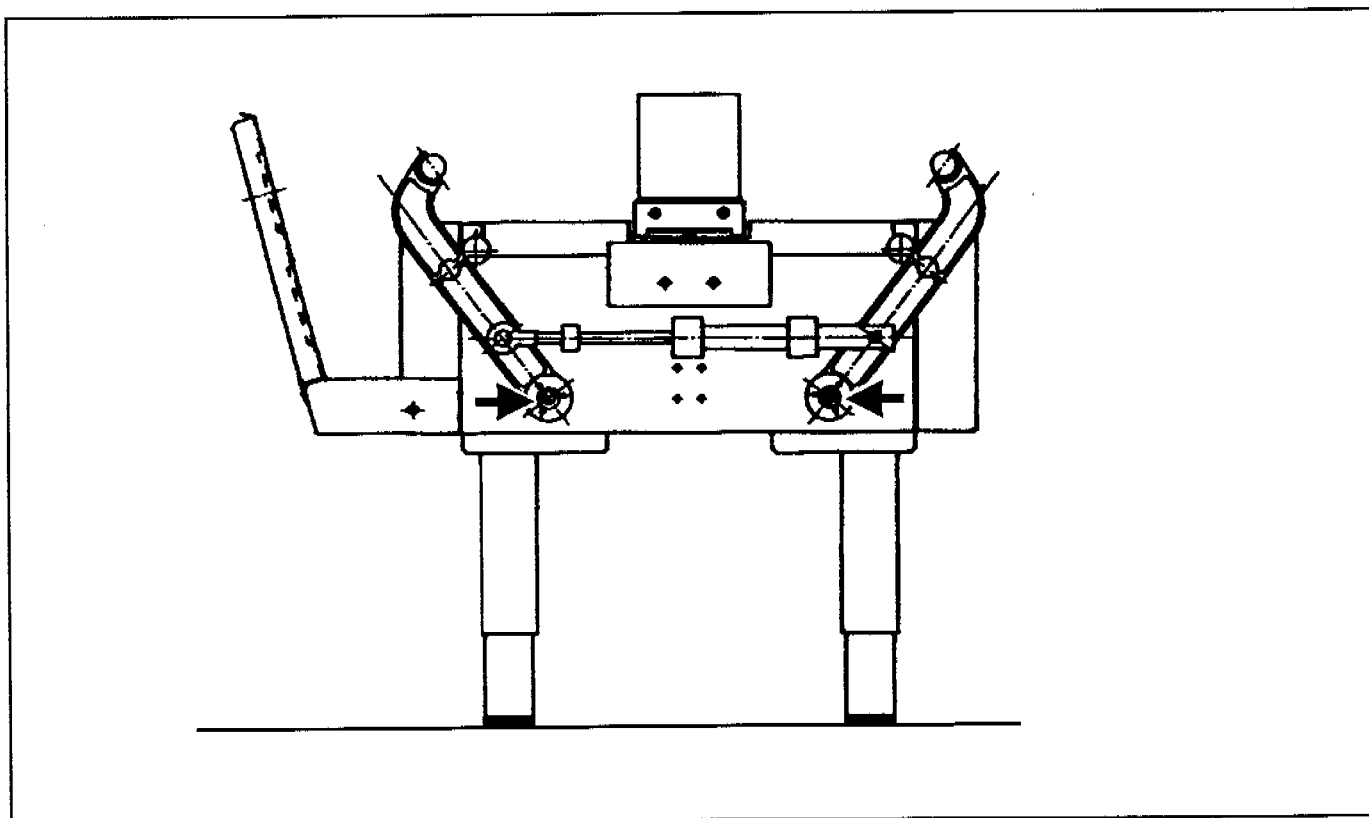
Disconnect air supply to the machine before beginning any maintenance. Failure to do so could result in personnel injury or damage to the machine.

CLEANING OF THE MACHINE

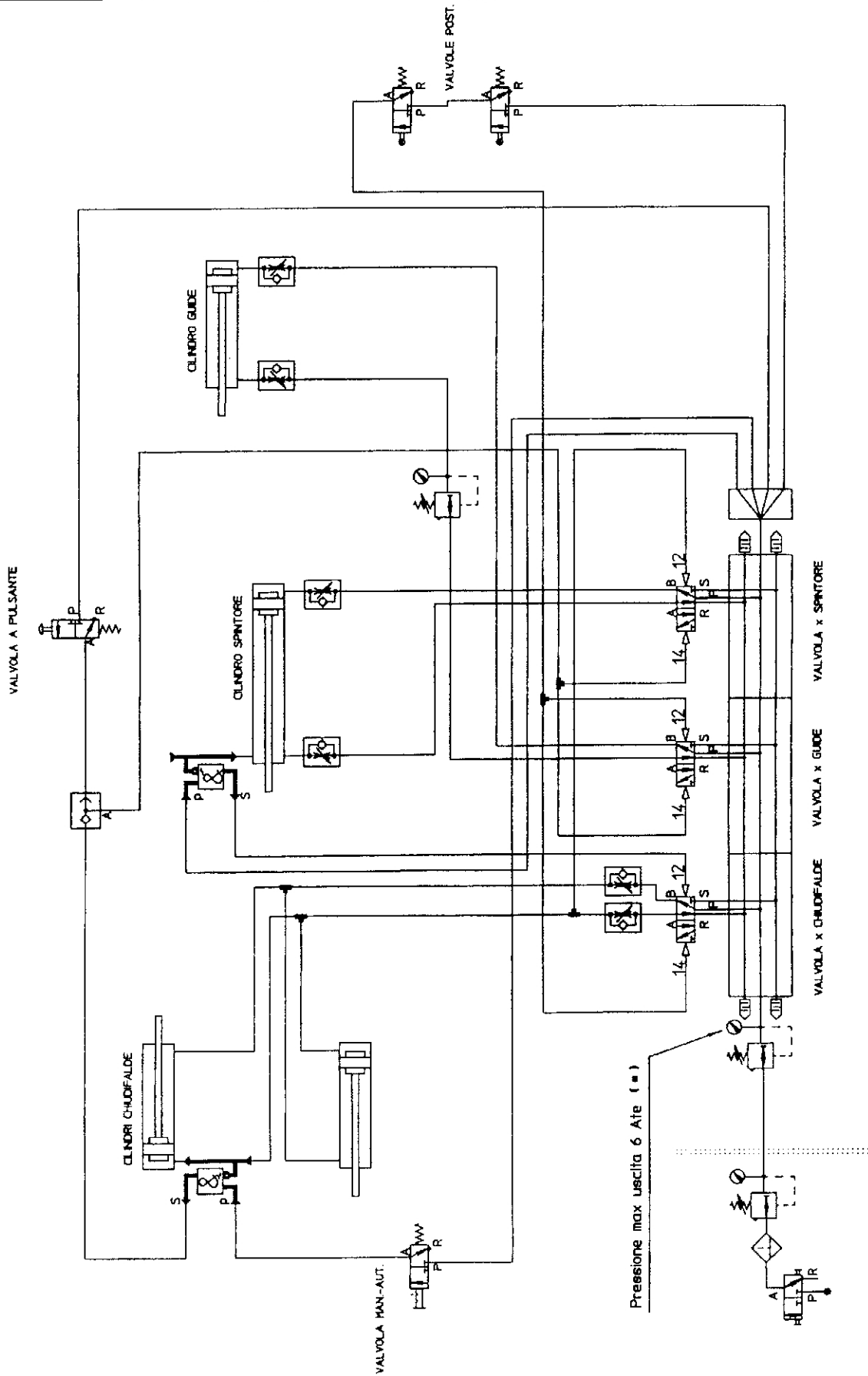
Regular slotted containers produce a great deal of dust and paper chips when processed or handled in equipment. If this dust is allowed to build up on machine components, it can cause component wear. The dust build up can best be removed from the machine by a shop vacuum.

LUBRICATION

Figure illustrates the frame points which should be lubricated every 250 hours of operation. The oil can supplied with the Case Sealer can be utilized to lubricate the rotating and pivoting points noted by the arrows with SAE#30 non-detergent oil.



PNEUMATIC SCHEMATIC



SPARE PARTS LIST

HOW TO ORDER

When ordering spare parts, please define each part as follows:

- MODEL OF MACHINE
- SERIAL NUMBER OF MACHINE
- NUMBER OF THE FIGURE IN THE SPARE PARTS CATALOGUE IN WHICH THE REQUESTED PART APPEARS
- NUMBER OF POSITION OF THE REQUESTED PART IN THE FIGURE
- PART NUMBER
- DESCRIPTION
- DESIRED QUANTITY

WARNING

THE MACHINE IS CONSTANTLY REVISED AND IMPROVED BY OUR DESIGNERS. THE SPARE PARTS CATALOGUE IS ALSO PERIODICALLY UPDATED. IT IS **VERY IMPORTANT** THAT ALL THE ORDERS OF SPARE PARTS MAKE REFERENCE TO THE **SERIAL NUMBER** OF THE MACHINE, WHICH IS PUNCHED ON THE METAL NAME PLATE ON THE MACHINE.

The manufacturer reserves the right to modify the machine at any time without notice.

Fig. 4022

Fig. 5439

Fig. 5440

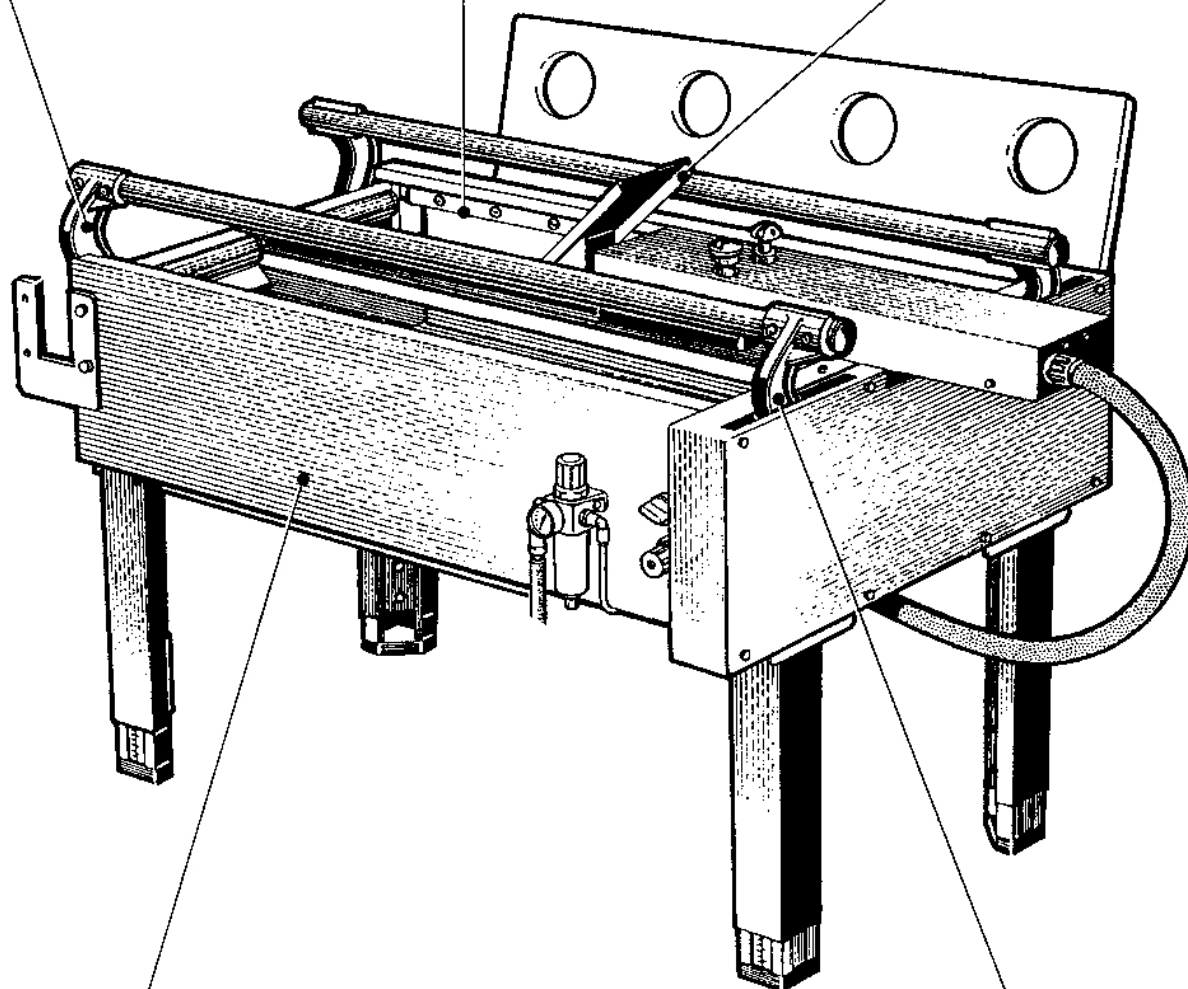


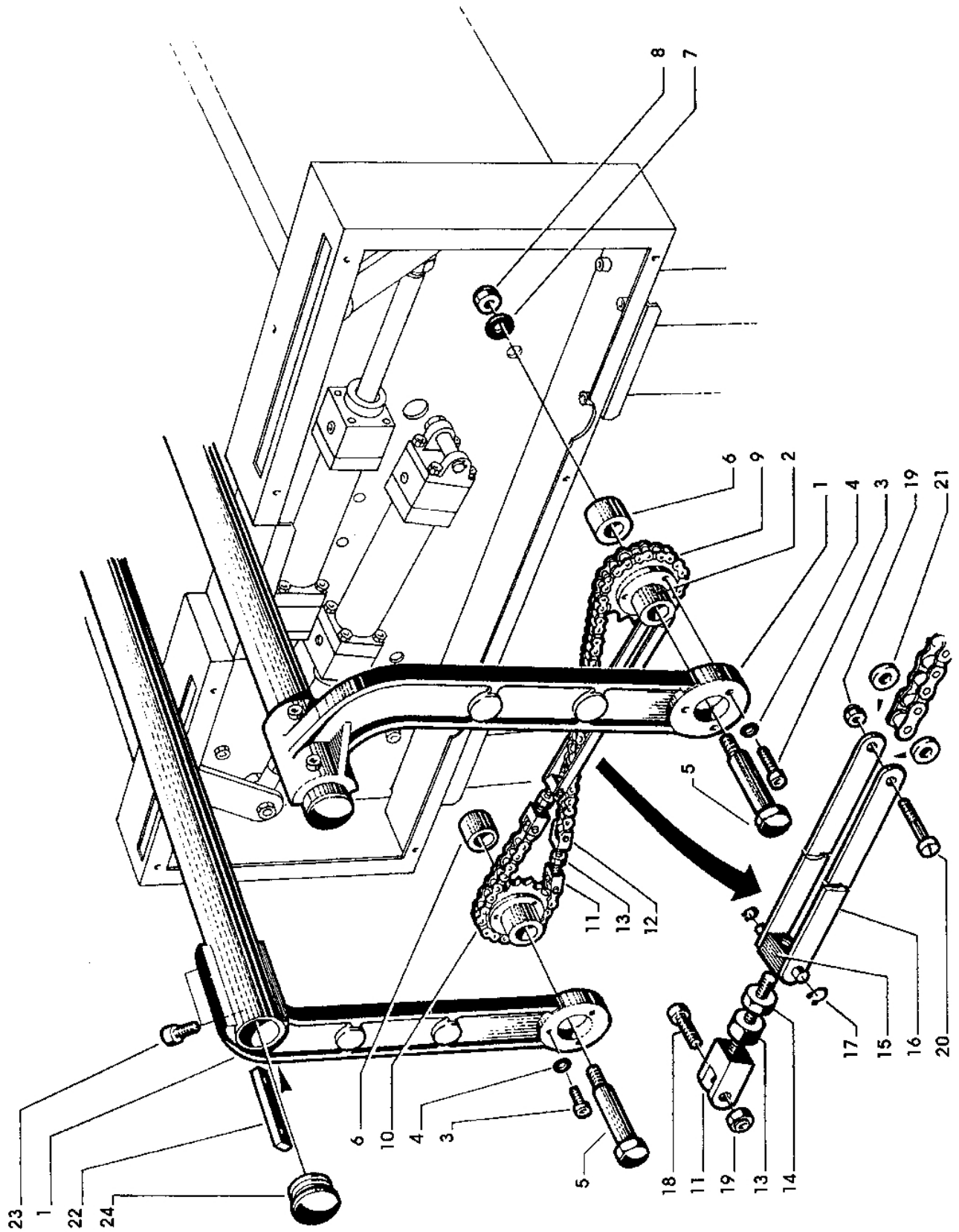
Fig. 5438

Fig. 4021

Figura	Descrizione figura	Magaz.	Prodotto	Descrizione
4021	LEVE ANTERIORI	0	7.8.04182	F104-P type"A" FORMAT.MANUALE

Posizione	Ricambio	Descrizione	U.M.	Quantita'
1	3.5.00146.40B	LEVA ANTERIORE F104 VERN.	PZ	2
2	4.3.02240	PIGNONE AZION.LEVE CENTR.F104	PZ	2
3	3.4.00141.93	VITE TCEI M5X25 ZINCATA	PZ	6
4	3.4.00061.93	RONDELLA PIANA X VITE M5 ZINC.	PZ	6
5	3.3.06411.90	PERNO FISS.PIGNONE F104 FOSF.	PZ	2
6	3.3.06412.93	DISTANZIALE 16X30X35 ZINC.	PZ	2
7	3.4.00219.93	RONDELLA PIANA X VITE M10 ZINC	PZ	2
8	3.4.00438.93	DADO AUTOBLOCCANTE M10 BASSO	PZ	2
9	3.4.00950	SPEZZONE CATENA P=3/8" L=23	PZ	1
		PASSI APERTI MARCHIO "CM"		
10	3.4.00946	SPEZZONE CATENA P=3/8 L=41	PZ	1
		PASSI XL35 APERTI MARCHIO "CM"		
11	3.3.05603.93	FORCELLA SINISTROSA F-104	PZ	2
12	3.3.05899.93	FORCELLA DESTROSA SM4/F-104	PZ	1
13	3.3.05602.93	VITE TENDICAT.DX/SX SM4/F-104	PZ	2
14	3.4.00002.93	DADO M6 ZINCATO	PZ	2
15	3.3.05604.93	BLOCCHETTO FISS.CATENA	PZ	1
16	3.2.01037.93	TIRANTE X CATENA SM/XL/3M	PZ	2
17	3.4.00905.92	ANELLO SICUREZZA 3,2 DIN 6799	PZ	2
18	3.3.06184.93	VITE TC M3X20 SPEC.ZINC.	PZ	3
19	3.4.01014.93	DADO AUTOBLOCCANTE M3 ZINCATO	PZ	4
20	3.3.06185.93	VITE TC M3X25 SPEC.ZINC.	PZ	1
21	3.3.05605.93	RONDELLA /3/10X3 ZINCATA	PZ	2
22	3.3.06418.93	PIASTRINA 5X15X70 F104 ZINC.	PZ	2
23	3.4.00114.93	VITE TCEI M6X15 ZINCATA	PZ	4
24	3.4.00949.05	TAPPO PER GUIDE	PZ	2

==== Data 04/07/2000 =====



F104-P

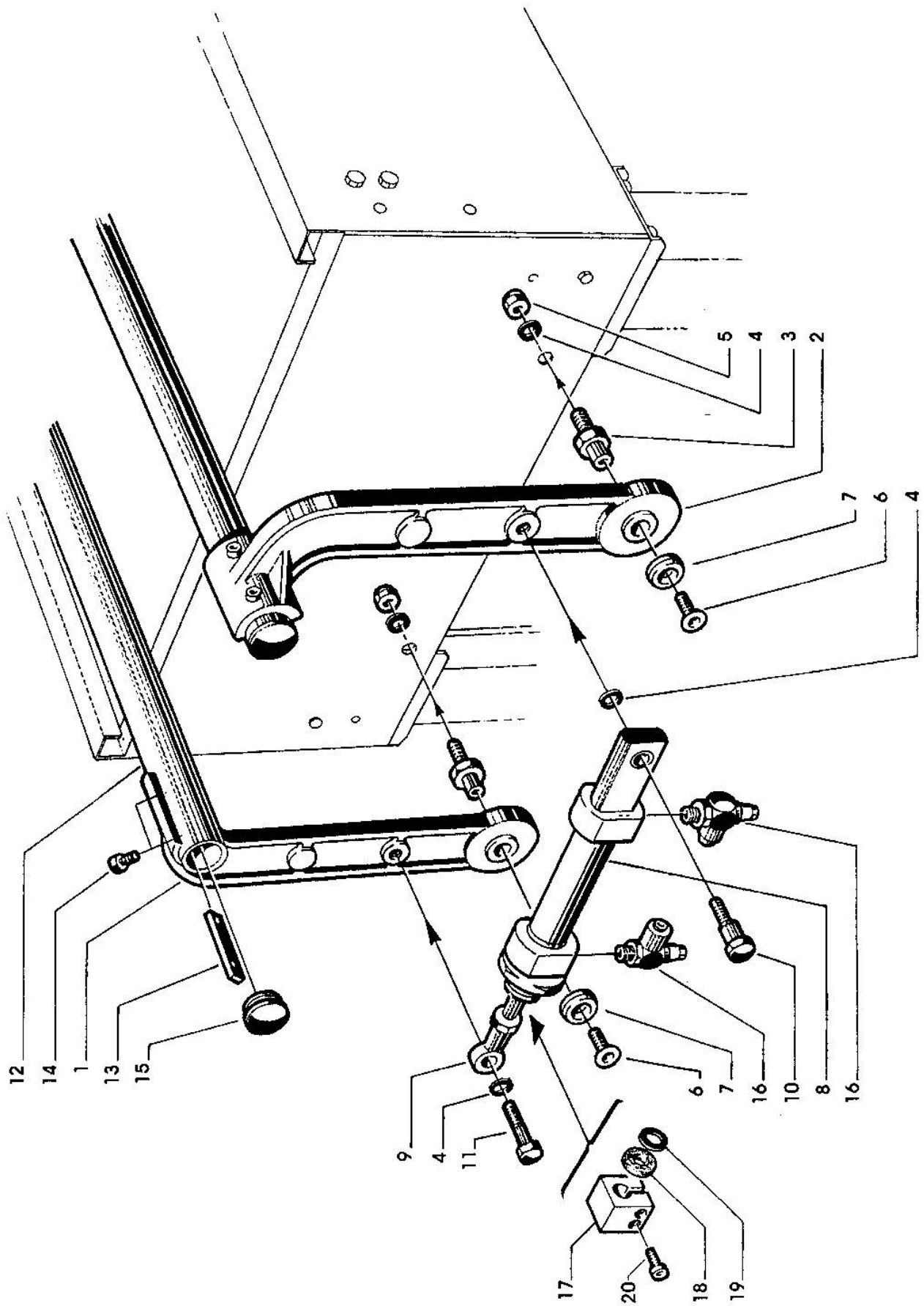
Dic. 1995

Fig. 4021

Figura	Descrizione figura	Magaz.	Prodotto	Descrizione
4022,00	LEVE POSTERIORI	0	7.8.04182	F104-P type"A" FORMAT.MANUALE

Posizione	Ricambio	Descrizione	U.M.	Quantita'
1,0	4.3.02238	LEVA POSTERIORE DX F-104	PZ	1,000
2,0	4.3.02239	LEVA POSTERIORE SX F-104	PZ	1,000
3,0	3.3.06416.90	PERNO X LEVE SX F104	PZ	2,000
4,0	3.4.00219.93	RONDELLA PIANA X VITE M10 ZINC	PZ	4,000
5,0	3.4.00438.93	DADO AUTOBLOCCANTE M10 BASSO	PZ	2,000
6,0	3.4.00053.93	VITE TSVEI M6X16 ZINCATA	PZ	2,000
7,0	3.3.02215.93	RONDELLA /6,5/30X5	PZ	2,000
8,0	3.8.03167	CILINDRO C85N25-115-*Y01 F104	PZ	1,000
9,0	3.4.01010.93	TESTA A SNODO M10X1,25 ZINCATA	PZ	1,000
10,0	3.3.06405.93	PERNO FISS.CILINDRO F104 ZINC.	PZ	1,000
11,0	3.4.00499.93	VITE TE M10X35 ZINCATA	PZ	1,000
12,0	3.3.06421.93	GUIDA PER CENTRATORE F104 TUBO /32X1,2X1210	PZ	2,000
13,0	3.3.06418.93	PIASTRINA 5X15X70 F104 ZINC.	PZ	2,000
14,0	3.4.00114.93	VITE TCEI M6X15 ZINCATA	PZ	4,000
15,0	3.4.00949.05	TAPPO PER GUIDE	PZ	2,000
16,0	3.8.02976	REGOLATORE DI VELOCITA' 77600610	PZ	2,000
17,0	3.3.07939.93	MORSETTO PER CILINDRO /25 F104 3M	PZ	1,000
18,0	3.1.00772.05	RONDELLA PER CILINDRO /25 F104 3M	PZ	1,000
19,0	3.4.01076.93	RONDELLA TRIPLA X VITE M10 ZIN	PZ	1,000
20,0	3.4.00160.93	VITE TCEI M6X20 ZINCATA	PZ	2,000

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===== Data 13/12/95 =



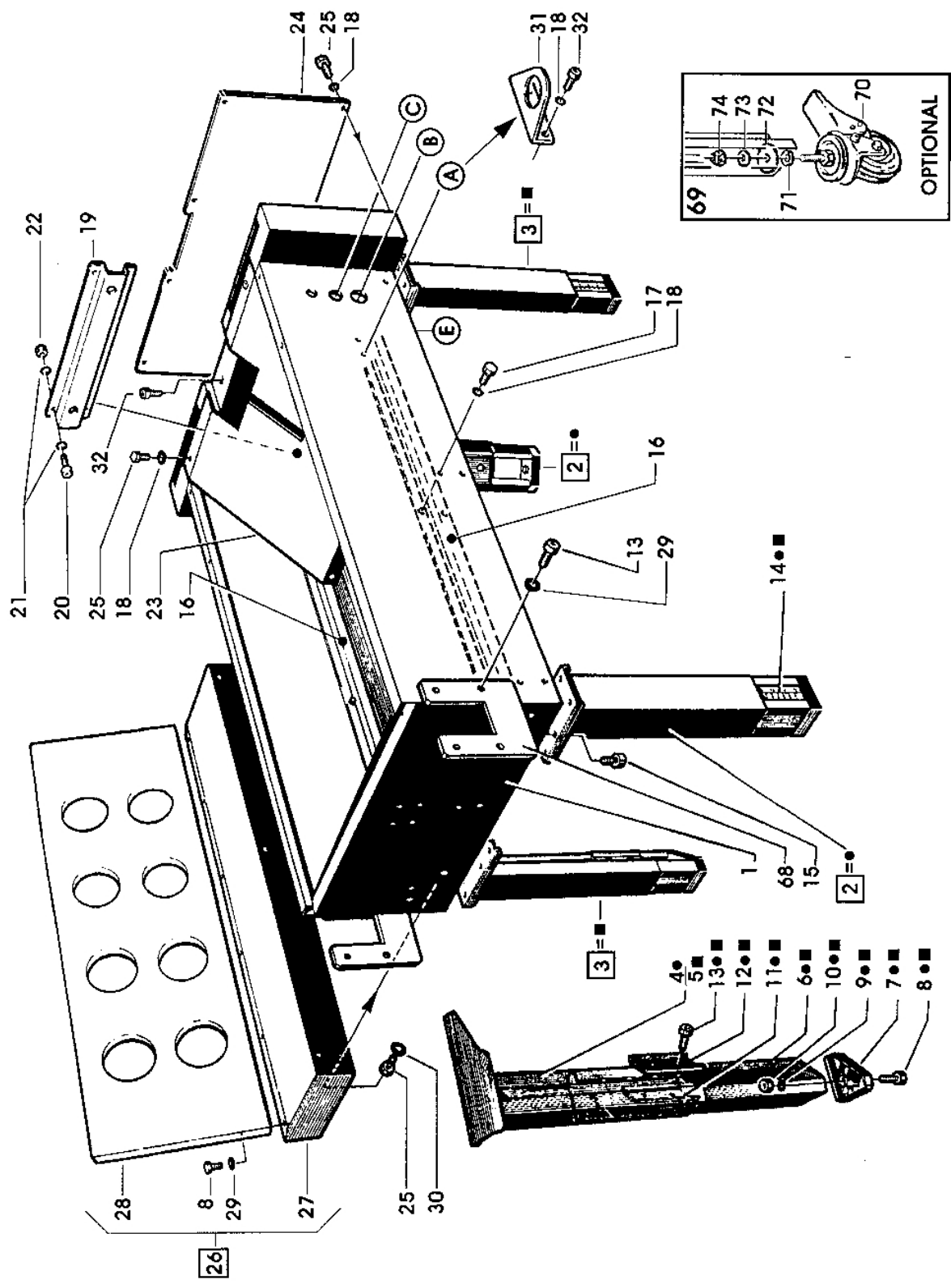
F104-P

Dic. 1995

Fig. 4022

Figura	Descrizione figura	Magaz.	Prodotto	Descrizione
5438	BANCALE/IMP. PNEUMATICO	0	7.8.04182	F104-P type"A" FORMAT.MANUALE

Posizione	Ricambio	Descrizione	U.M.	Quantita'
1	4.5.04595.47	BANCALE C/INS.F104	PZ	1
2	4.7.06851	GAMBA DX ASS.F104-S	PZ	2
3	4.7.06852	GAMBA SX ASS.F104-S	PZ	2
4	4.4.03295.47	GAMBA DX H=250 SM48 GRIGIO A.	PZ	2
5	4.4.03296.47	GAMBA SX H=250 SM48 GRIGIO A.	PZ	2
6	4.4.03036.17	GAMBA SCORREVOLE H=250 F104	PZ	4
7	3.1.00581.05	PIEDINO	PZ	4
8	3.4.00280.93	VITE TE M8X20 ZINCATA	PZ	10
9	3.4.00655.93	RONDELLA TRIPLA X VITE M8 ZINC	PZ	4
10	3.4.00283.93	DADO AUTOBLOCCANTE M8 BASSO	PZ	4
11	3.2.00858.93	MORSETTO FILETTATO SM/XL/3M ZINCATO	PZ	4
12	3.2.00859.93	STAFFA ESTERNA SM/XL/3M	PZ	4
13	3.4.00584.93	VITE TCEI M8X16 ZINCATA	PZ	12
14	3.6.00345	ETICHETTA MILLIMETRATA	PZ	4
15	3.4.00122.93	VITE TCEI M8X20 ZINCATA	PZ	20
16	4.4.05154.47	PIASTRA DI RINFORZO INT.F104-N	PZ	2
17	3.4.00021.93	VITE TE M6X12 ZINCATA	PZ	6
18	3.4.00175.93	RONDELLA PIANA X VITE M6 ZINC.	PZ	18
19	3.2.01266.47	RINFORZO PER PERNI F104	PZ	1
20	3.4.00390.93	VITE TCEI M4X12 ZINC.	PZ	4
21	3.4.00043.93	RONDELLA PIANA X VITE M4 ZINC.	PZ	12
22	3.4.00001.93	DADO M4 ZINCATO	PZ	4
23	3.2.01270.47	CARTER INTERNO F104 GR.ANTR.	PZ	1
24	3.2.01271.47	CARTER F104 GR.ANTR.	PZ	1
25	3.4.00026.93	VITE TE M6X16 ZINCATA	PZ	21
26	4.7.06854	RIPIANO PORTASCATOLE ASS.F104	PZ	1
27	4.5.04596.47	RIPIANO PORTASCATOLE C/INS. F104-S	PZ	1
28	3.2.04820.47	SOSTEGNO SCATOLE F104	PZ	1
29	3.4.00123.93	RONDELLA PIANA X VITE M8 ZINC.	PZ	10
30	3.4.00033.93	RONDELLA TRIPLA X VITE M6 ZINC	PZ	11
31	3.2.02890.93	SQUADRETTA FISSAGGIO F.R. EAW2000/R SM4/46	PZ	1
32	3.4.00577.93	VITE TCEI M6X16 ZINCATA	PZ	4
33	4.7.06867	GR.FILTRO REGOLATORE ASS.F104	PZ	1
34	3.8.02046	FILTRO RID.EAW2000 C/SCARICO AUTOM.CONDENSE	PZ	1
35	3.8.00670	MANOMETRO 0-12 ATM	PZ	2
36	3.8.02289	RACCORDO GOMITO 31990813	PZ	1
37	3.8.00887	NIPPLO CONICO RA 012 1/4"-1/4"	PZ	2
38	3.8.01108	RACCORDO RA 022-1/4-1/4	PZ	2
39	3.8.00609	VALVOLA MANICOTTO FF 1/4"-1/4"	PZ	1
40	3.8.00669	PORTAGOMMA RA 030 9-1/4"	PZ	1
41	3.4.00653	FASCETTA STRINGITUBO /14-24	PZ	1
42	3.8.01959	REGOLATORE EAR111-F02 0,5-7BAR XL	PZ	2
43	3.8.00617	RACCORDO GOMITO GIR.31990613	PZ	2
44	3.8.00607	VALVOLA PXB-B2011BD2	PZ	1
49	3.2.01269.47	PIASTRA IMP.PNEUM.F104 GRIGIO	PZ	1
50	3.8.03164	SOTTObASE A 3 POS.X EVZA 5220 F104	PZ	1
51	3.8.03163	VALVOLA SYJA 7220-01F	PZ	3



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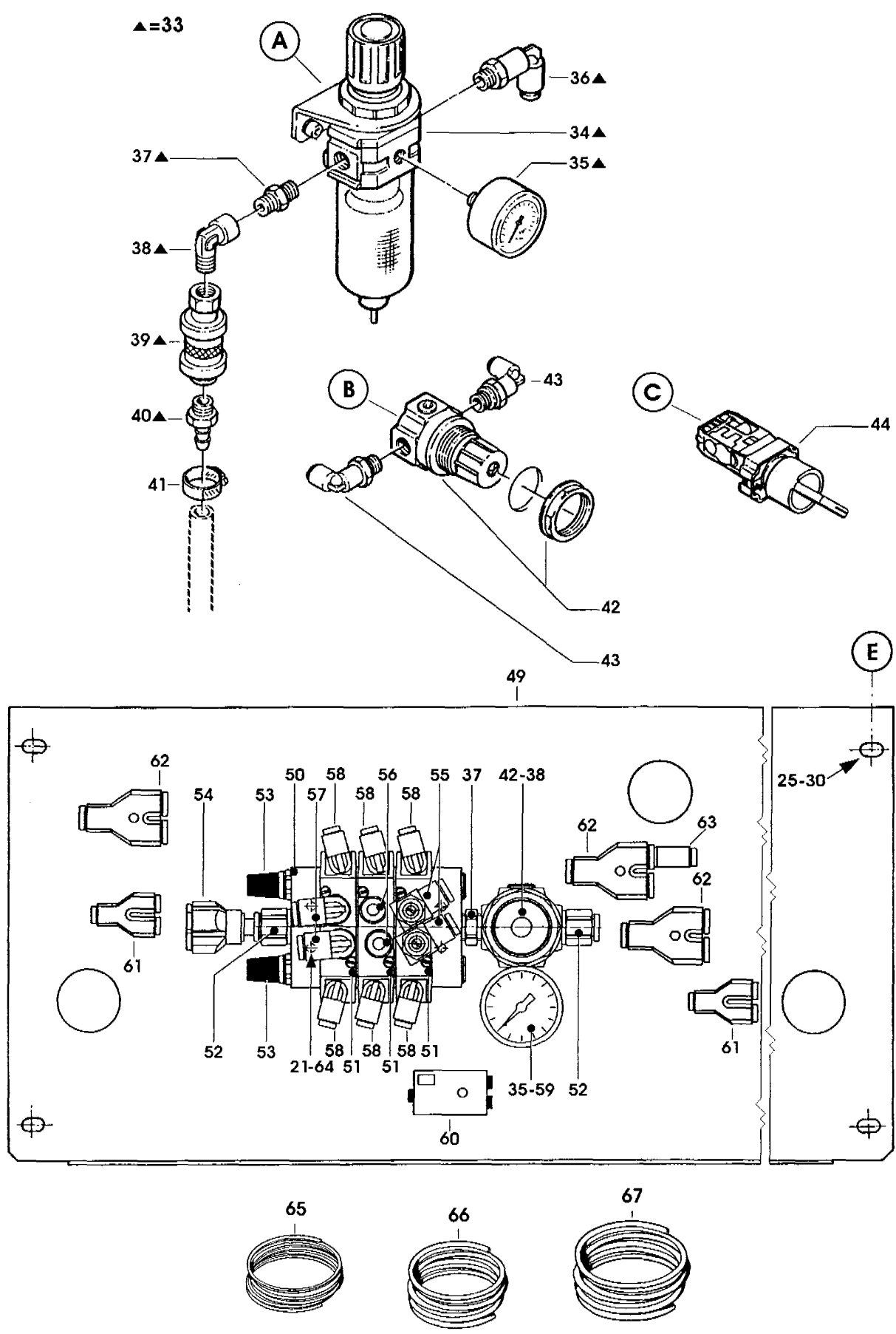
Gen. 1996

Fig. 5438/1

Figura	Descrizione figura	Magaz.	Prodotto	Descrizione
5438	BANCALE/IMP. PNEUMATICO	0	7.8.04182	F104-P type"A" FORMAT.MANUALE

Posizione	Ricambio	Descrizione	U.M.	Quantita'
52	3.8.01393	RACCORDO DIRITTO 31010813 CF13	PZ	2
53	3.8.00448	SILENZIATORE 1/4"	PZ	2
54	3.8.03165	DOPPIA Y 31430408 F104	PZ	1
55	3.8.03170	REGOLATORE DI FLUSSO 77080610 F104	PZ	2
56	3.8.00618	RACCORDO DIR.M.CIL.31010610	PZ	2
57	3.8.00660	RACCORDO GOMITO GIR.31990610	PZ	2
58	3.8.00739	RACCORDO GOMITO GIR.31990419	PZ	6
59	3.8.00621	RIDUZIONE RA 014 1/4"-1/8"	PZ	1
60	3.8.01362	VALVOLA SELET.(OR) PLK-A11	PZ	1
61	3.8.01682	RACCORDO Y FEMM.LEGRIS31400400	PZ	2
62	3.8.01683	RACCORDO Y FEMM.LEGRIS31400600	PZ	3
63	3.8.00743	RIDUZIONE A CODA 31660406	PZ	1
64	3.4.00315.93	VITE TCEI M4X35 ZINCATA	PZ	4
65	3.8.01630	TUBO PNEUM.D4/2.5 (5 MT.)	PZ	2
66	3.8.01631	TUBO PNEUM.D6/4 (5 MT.)	PZ	2
67	3.8.02417	TUBO PNEUM.D8X6 NERO (5 M) X 800af	PZ	1
68	3.2.01281.47	PIASTRA DI UNIONE F104 GR.ANTR	PZ	2
69	4.7.04194	RUOTA /80 IN POLYDERNIL ASS.	PZ	4
70	3.4.01501	RUOTA /80 POLIDERNYL	PZ	4
71	3.2.02455.93	DISTANZIALE PER RUOTE SM481 AS24/SM48	PZ	4
72	3.3.01450.93	DISTANZIALE H=15MM G ZINC.	PZ	4
73	3.4.00062.93	RONDELLA PIANA X VITE M12 ZINC	PZ	4
74	3.4.00735.93	DADO AUTOBLOCCANTE M12 ZINCATO	PZ	4

Data 07/05/98 =



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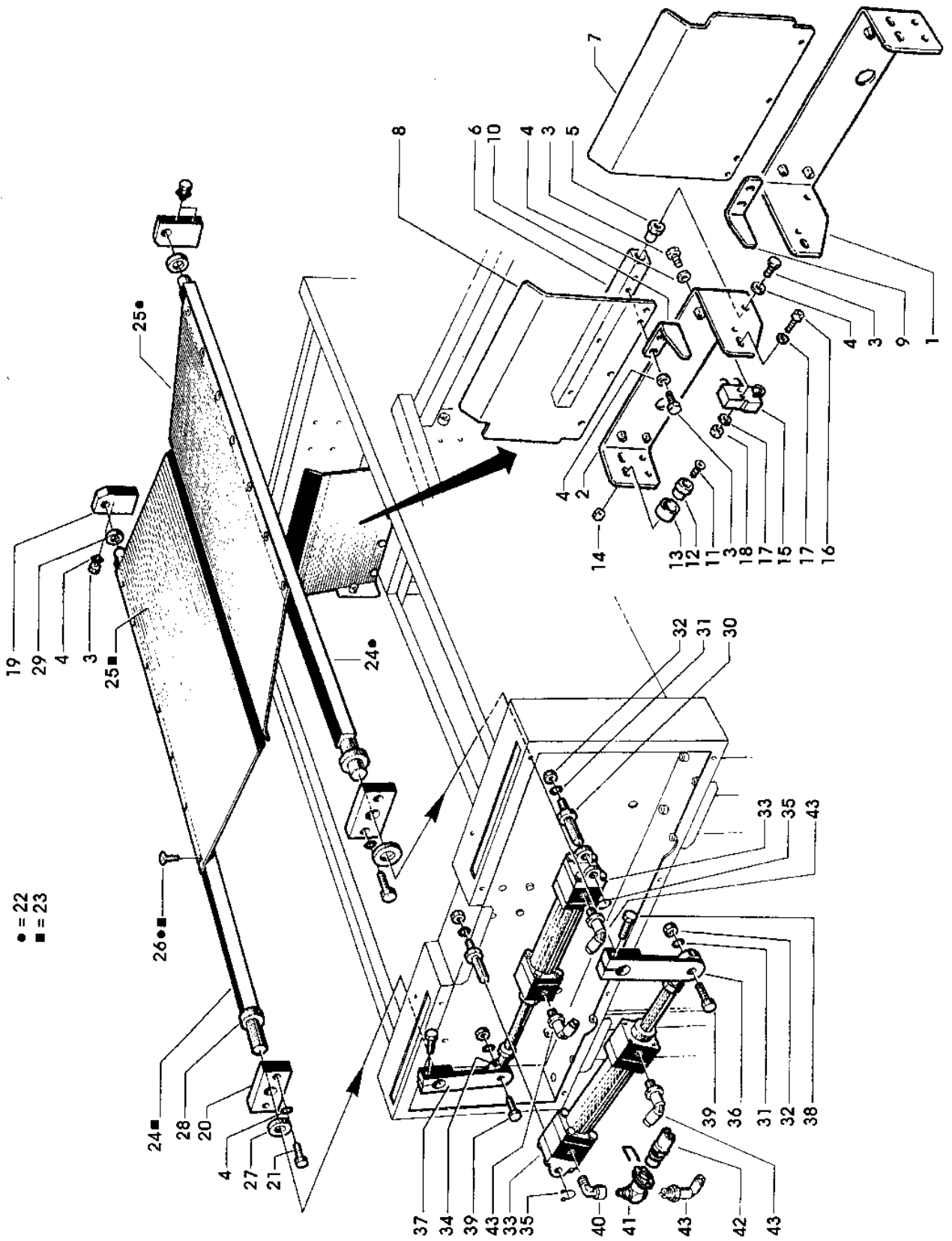
Gen. 1996

Fig. 5438/2

Figura	Descrizione figura	Magaz.	Prodotto	Descrizione
5439	CHIUDIFALDE INFERIORI	0	7.8.04182	F104-P type"A" FORMAT.MANUALE

Posizione	Ricambio	Descrizione	U.M.	Quantita'
1	4.5.04743.47	SUPPORTO GR.VALVOLA DX F104/94-P	PZ	1
2	4.5.04744.47	SUPPORTO GR.VALVOLA SX F104/94-P	PZ	1
3	3.4.00026.93	VITE TE M6X16 ZINCATA	PZ	16
4	3.4.00175.93	RONDELLA PIANA X VITE M6 ZINC.	PZ	24
5	3.3.06413.90	CERNIERA CAMMA CHIUDIF.F104	PZ	4
6	4.3.04659	SUPP.SPATOLA POST.C/BRONZINE F104/94-P	PZ	2
7	3.2.05233.98	CAMMA DX X CHIUDIFALDE F104	PZ	1
8	3.2.05031.98	CAMMA SX CHIUDIFALDA F104/94-P	PZ	1
9	3.2.05512.98	LEVA DX.AZIONAMENTO VALVOLA 300cf-3M	PZ	1
10	3.2.01280.98	LEVA SX.AZIONAMENTO VALVOLA	PZ	1
11	3.4.00403.93	VITE TSVEI M5X16 ZINCATA	PZ	2
12	3.3.05403.93	PORTA AMMORTIZZATORE K7 ZINC.	PZ	2
13	3.1.01085.48	AMMORTIZZATORE X PORTALAMA K13-K14/3M	PZ	2
14	3.4.00023.93	DADO M5 ZINCATO	PZ	2
15	3.8.03172	FINECORSO PXC-M521 F104	PZ	2
16	3.4.00142.93	VITE TCEI M4X25 ZINCATA	PZ	4
17	3.4.00043.93	RONDELLA PIANA X VITE M4 ZINC.	PZ	4
18	3.4.00001.93	DADO M4 ZINCATO	PZ	4
19	3.1.00711	SUPPORTO DX BRACCIO CHIUD.F104	PZ	2
20	3.1.00712	SUPPORTO SX BRACCIO CHIUD.F104	PZ	2
21	3.4.00267.93	VITE TE M6X30 ZINCATA	PZ	4
22	4.7.06860	CHIUDIFALDE + BRACCIO ASS.DX F104-N	PZ	1
23	4.7.06861	CHIUDIFALDE + BRACCIO ASS.SX F104-N	PZ	1
24	3.3.06417.93	BRACCIO CHIUDIFALDE F104 ZINC.	PZ	2
25	3.2.01277.98	CHIUDIFALDA INF.F104 INOX	PZ	2
26	3.4.00053.93	VITE TSVEI M6X16 ZINCATA	PZ	14
27	3.3.06406.93	RONDELLA /18X30X7 F104 ZINC.	PZ	2
28	3.3.06404.93	GHIERA F104 ZINC.	PZ	2
29	3.3.06407.93	RONDELLA /14X30X5 F104 ZINC.	PZ	2
30	3.3.06403.93	PERNO ATTACCO CILINDRO POSTER. F104	PZ	2
31	3.4.00219.93	RONDELLA PIANA X VITE M10 ZINC	PZ	4
32	3.4.00438.93	DADO AUTOBLOCCANTE M10 BASSO	PZ	4
33	3.8.03168	CILINDRO C65 D32-125C-Y01 F104	PZ	2
34	3.4.01010.93	TESTA A SNODO M10X1.25 ZINCATA	PZ	2
35	3.4.00187.92	ANELLO ARRESTO 10 DIN 471 BRUN	PZ	2
36	3.3.06410.93	LEVA DX ATTACCO CILINDRO F104	PZ	1
37	3.3.06952.93	LEVA SX ATTACCO CILINDRO F104	PZ	1
38	3.4.00058.93	VITE TE M8X25 ZINCATA	PZ	2
39	3.4.00499.93	VITE TE M10X35 ZINCATA	PZ	2
40	3.8.00363	RACCORDO A GOMITO MF 1/8"	PZ	1
41	3.8.05052	BANJO DI COLLEGAMENTO PWS-B188	PZ	1
42	3.8.05051	MODULO PER SENSORE A SOGLIA PWS-P111	PZ	1
43	3.8.00660	RACCORDO GOMITO GIR.31990610	PZ	4

==== Data 07/07/1999 =====



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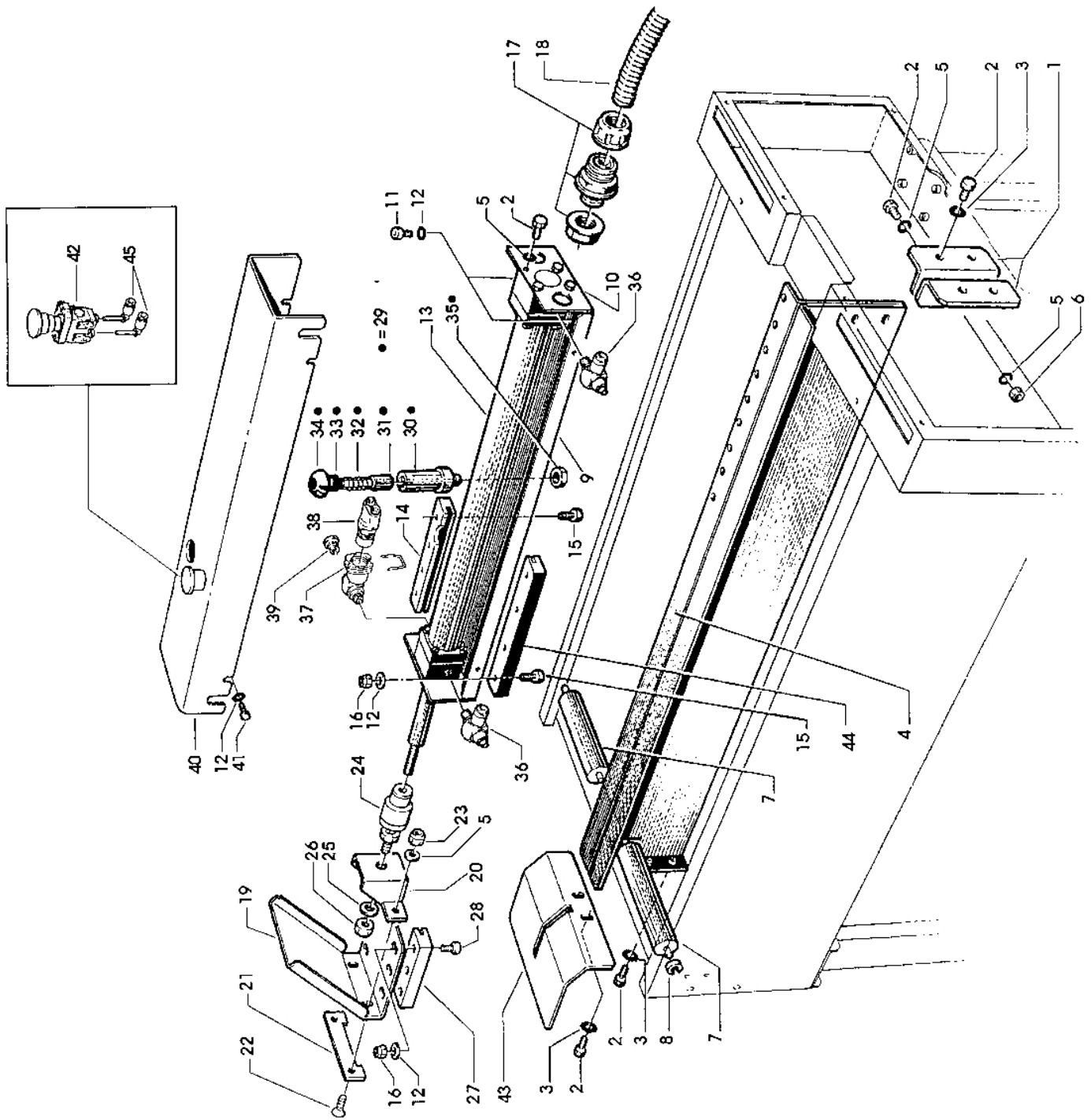
Lug. 1999

Fig. 5439

Figura	Descrizione figura	Magaz.	Prodotto	Descrizione
5440	ESPULSORE SCATOLE		0 7.8.04182	F104-P type"A" FORMAT.MANUALE

Posizione	Ricambio	Descrizione	U.M.	Quantita'
1	4.5.04601.93	STAFFA SOST.FERMASCAT.C/INS. F104-N	PZ	2
2	3.4.00026.93	VITE TE M6X16 ZINCATA	PZ	14
3	3.4.00033.93	RONDELLA TRIPLA X VITE M6 ZINC	PZ	8
4	4.5.04741.98	FERMASCATOLE C/INSERTI 300cf	PZ	1
5	3.4.00175.93	RONDELLA PIANA X VITE M6 ZINC.	PZ	10
6	3.4.00002.93	DADO M6 ZINCATO	PZ	2
7	4.7.02237	RULLO /32X203 F104-N	PZ	2
8	3.1.00610	ANELLO A SCATTO	PZ	2
9	4.5.04868.47	CARTER ESPULSORE F104-P	PZ	1
10	3.2.04873.23	PIASTRA X SCATOLA SUPP.CIL.	PZ	1
11	3.4.00112.93	VITE TCEI M5X16 ZINCATA	PZ	2
12	3.4.00061.93	RONDELLA PIANA X VITE M5 ZINC.	PZ	14
13	3.8.03475	CILINDRO C65B40-500C (CORSA 500 MM) 300cf/3M	PZ	1
14	3.1.00715	PATTINO DX ESPULSORE F104-N	PZ	1
15	3.4.00108.93	VITE TCEI M5X20 ZINCATA	PZ	8
16	3.4.00259.93	DADO AUTOBLOCCANTE M5 ZINCATO	PZ	8
17	3.8.02031	RACCORDO 1/2" DIR.X GUAINA /19	PZ	2
18	3.8.02030	GUAINA FLESSIBILE /19 (1MT)	PZ	1
19	3.2.05559.98	CHIUDIFALDA X CILINDRO 300cf3M	PZ	1
20	3.2.01275.93	STAFFA FISS.ESPULSORE F104-N	PZ	1
21	3.1.00808	GUIDA PER ESPULSORE F104	PZ	1
22	3.4.00050.93	VITE TSVEI M6X20 ZINCATA	PZ	2
23	3.4.00258.93	DADO AUTOBLOCCANTE BASSO M6	PZ	2
24	3.8.02866	SNODO SFERICO JA40-12-125 F144	PZ	1
25	3.4.02302.92	RANELLA DI SICUREZZA "S" /12 (SCHNORR) F104	PZ	2
26	3.4.01734.93	DADO BASSO M12X1,25 AS24	PZ	1
27	3.1.01478	PATTINO PER CHIUDIF.CILINDRO F104-P	PZ	2
28	3.4.02462.93	VITE TCEI M5X14 ZINCATA	PZ	4
29	4.7.06858	CRICCHETTO ASS.F104-S	PZ	1
30	3.3.06408.93	CANNOTTO X CRICCHETTO F104	PZ	1
31	3.3.06409.93	CRICCHETTO X ESPULSORE F104	PZ	1
32	3.7.00218.93	MOLLA X CRICCHETTO F104 FILO /1X8,5X130	PZ	1
33	3.1.00714	DISTANZIALE D8/15X8 F104	PZ	1
34	4.6.01979.40	POMOLO COMP.	PZ	1
35	3.3.00068.93	DADO BASSO M18X1 ZINCATO	PZ	1
36	3.8.02977	REGOLATORE DI VELOCITA' 77600613	PZ	2
37	3.8.05052	BANJO DI COLLEGAMENTO PWS-B188	PZ	1
38	3.8.05051	MODULO PER SENSORE A SOGLIA PWS-P111	PZ	1
39	3.8.01006	TAPPO RA 019 1/8" CILINDRICO	PZ	1
40	3.2.06273.47A	CARTER ESPULSORE F104-P	PZ	1
41	3.4.00329.93	VITE TE M5X16 ZINCATA	PZ	4
42	3.8.01176	PULSANTE+VALVOLA PXB-B1011BC2	PZ	1
43	3.2.05152.98	SCIVOLO F104-P	PZ	1
44	3.1.00996	PATTINO SX ESPULSORE F104-N	PZ	1
45	3.8.04523	RACCORDO 31820400	PZ	2

==== Data 01/07/1999 =====



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Fig. 5440