Fil m-Tech

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VICTORIA 5

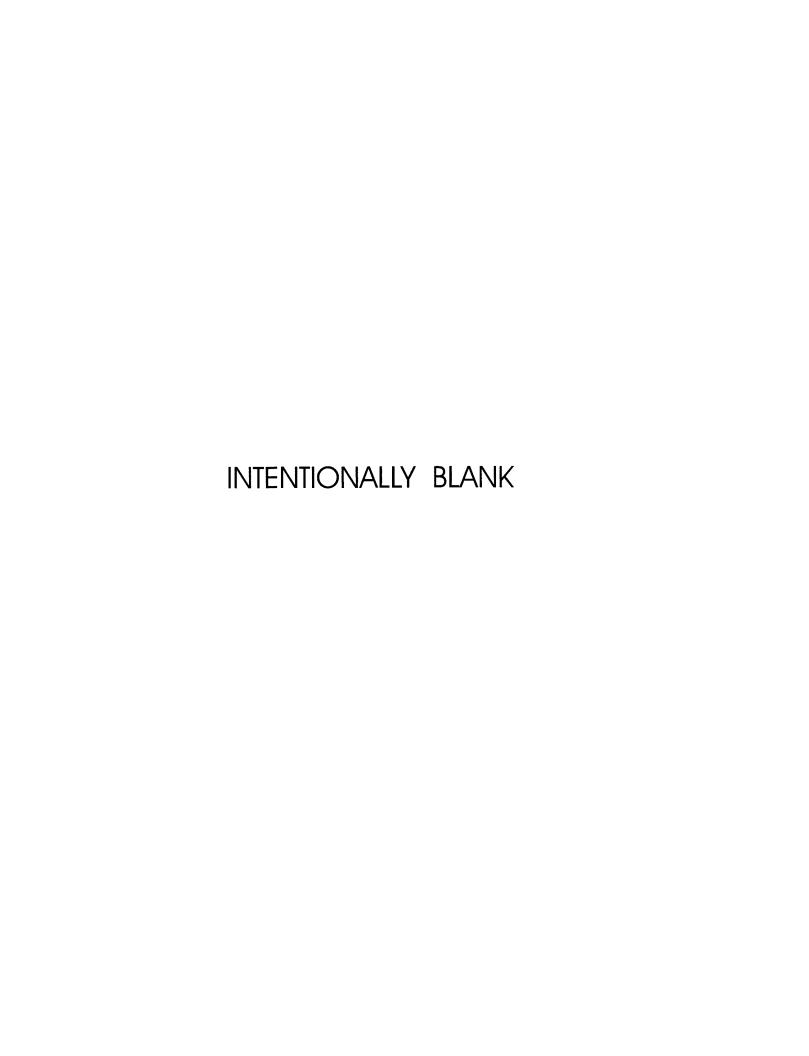
Spare Parts Catalogue

VICTORIA 5

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The zeros (OO) in front of numbers mean the piece is standard.

WHEN ORDERING SPARES, PLEASE ALWAYS QUOTE THE SERIAL NUMBER OF
THE FROJECTOR.



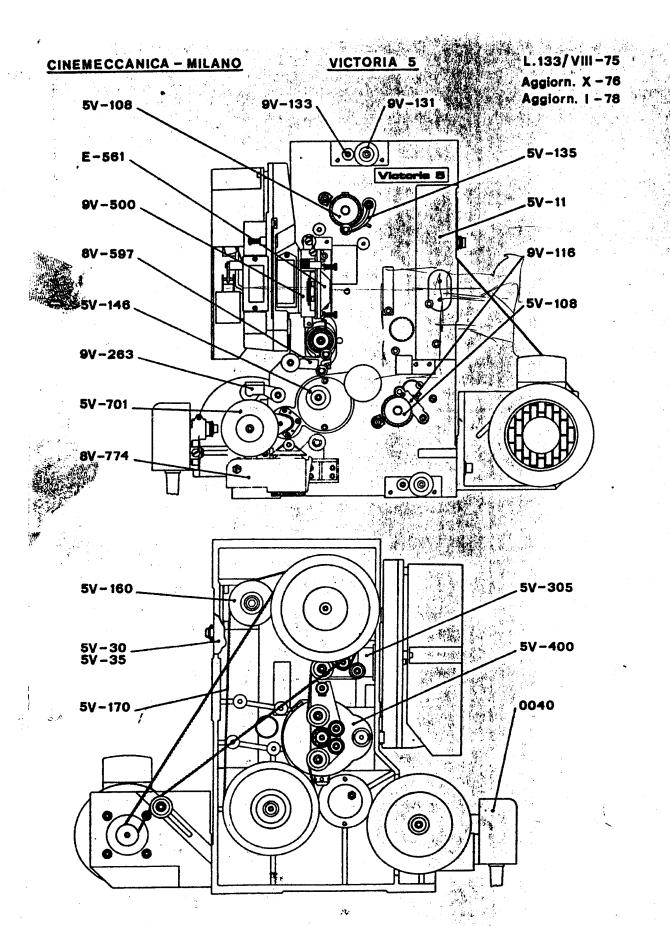


FIG. 1

I.133/VIII-7
up-to-date X-7
up-to-date 1-7

FIG. 1 - PROJECTOR MAIN CASTING (from serial No. 3500)

- Exciter lamp housing assembly 0040 - Projector main casting 5V-11 5V-30 - Belt cover (two-lens turret) 5V-35 - Belt cover (three-lens turret) 35% 5V-108 - Upper and lower sprocket shaft assembly 5V-135 - Upper sprocket roller arm assembly 5V-146 - Flanged roller assembly
5V-160 - Belt idler assembly
5V-170 - Toothed belt
5V-205 5V-305 - Shutter drive assembly 5V-400 - Intermittent unit assembly 5V-701 - Sound drum support assembly 9V-116 - Lower sprocket roller arm assembly 9V-131 - Spindle complete with flanged roller 9V-133 - Spindle complete with rollers 9V-263 - Pressure roller arm assembly 9V-500 - Gate bracket assembly 8V-597 - Intermittent sprocket roller arm assembly 8V-774 - Dashpot assembly E-561 - Gate frame assembly

FIG. 2 - SPROCKETS AND PULLEYS

- Ball bearing 00728 - Ball bearing 00749 - Spacing ring 32mm dia. 01023 - Spacing ring 35mm dia. 01024 01025 - Spacing ring 22mm dia.
5V-108 - Upper or lower sprocket shaft assembly
5V-109 - Upper or lower sprocket sleeve 5V-112 - Upper or lower sprocket shaft 5V-118 - Upper or lower sprocket pulley - 78 teeth
5V-124 - Pulley spacer 5V-124 - Pulley spacer 5V-126 - Pulley spacer 5V-145 - Stripper 5V-160 - Belt idler assembly 5V-161 - Idler bracket only 5V-162 - Belt tensioning toothed pulley assembly 5V-176 - Drive pulley - 90 teeth (50 Hz) 5V-181 - Drive pulley - 94 teeth (60 Hz)
9V-96. - Lower take-up drive pulley - 17 teeth 8V-144 - 24 tooth upper or lower sprocket ES-8317 - Pulley spindle ES-8318 Lock washer 15-3653 Circlip type UNI 3653 15mm dia. 32-3654 - Circlip type UNI 3654 32mm dia. 35-3654 - Circlip type UNI 3654 35mm dia.

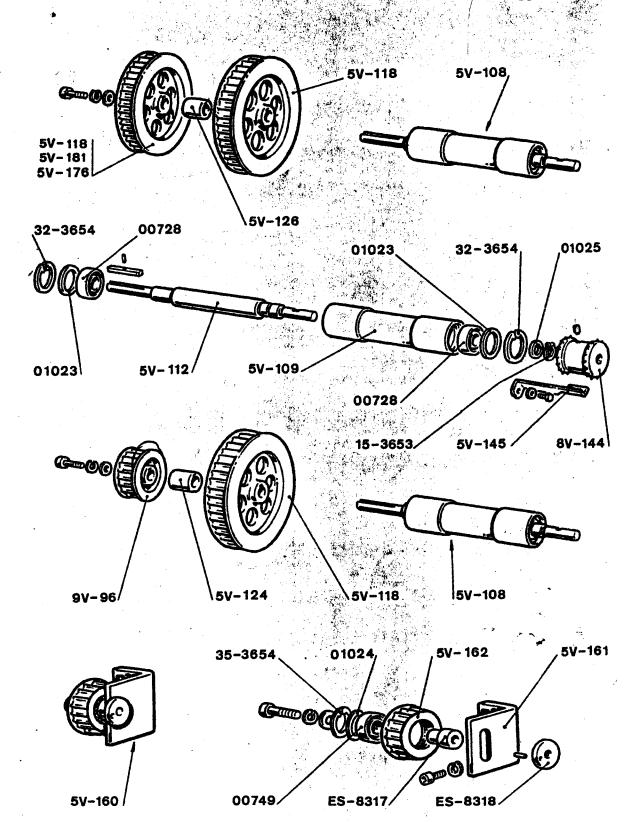


FIG. 2

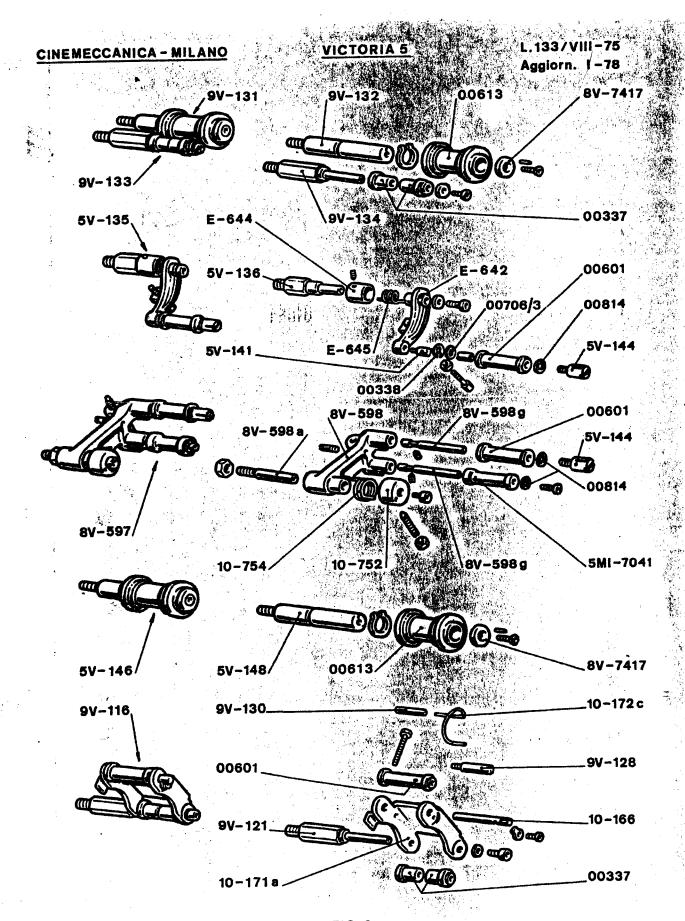


FIG. 3

FIG. 3 - ROLLER ARMS - ROLLERS

```
- Roller - 15 mm o.d. - 6mm i.d.
00337
        - Roller circlip - 6mm dia.

- Grooved roller - 15mm o.d. 6mm i.d.

- Flanged roller - 33mm o.d. 14mm i.d.
00338
00601
00613
        - Washer
00706/3
        - Washer
00814
5V-135
        - Upper roller arm assembly
5V-136
        - Upper roller arm spindle
        - Roller spindle
5V-141
        - Threaded spindle
5V-144
        - Spindle complete with flanged roller
5V-146
        - Flanged roller spindle
5V-148
5MI-7041 - Roller
        - Lower roller arm assembly
97-116
        - Lower roller arm spindle
SV-121
        - Roller arm stop rod
9V-128
9V-130
        - Elastic pin
9V-131
        - Spindle complete with flanged roller
        - Flanged roller spindle
9V-132
        - Spindle complete with rollers
9V-133
        - Roller spindle
9V-134
        - Intermittent sprocket roller arm assembly
8V-597
        - Intermittent sprocket roller arm (machined casting)
8v-598
8V-598a - Spindle for intermittent sprocket roller arm
8V-598g
        - Roller spindle
8V-7417
        - Washer
        - Roller spindle
10-166
10-171a - Lower roller arm (roller less)
10-172c - Lower roller arm spring
        - Roller arm spring bush
- Roller arm spring
10-752
10-754
        - Upper roller arm (machined casting)
E-642
        - Spring adjustment bush
E-644
```

- Upper roller arm spring

E-645

FIG. 4 - SHUTTER DRIVE ASSEMBLY

4.14	FIG. 4 - SHUTTER DRIVE ASSEMBLY
V Tariff	
00253	- Flug with gasket
00832	- Mascarini microswitch
00833	- Ball bearing
01020	- Ball bearing
01022	- Oil tight ring
01023	- Spacing ring
5V-305 ·	- Shutter drive assembly
5V-307	- Bevel shutter drive gear
5V-309 ·	- Bevel shutter shaft gear
5V-311 3	- Drive shaft
5V-313	- Bearing spacer
5V-315	- Spacing washer
5V-317 ·	- Shutter shaft
5V-325	- Belt containment roller
5V-327	- Roller spindle
	- Shutter flange
	- Governor spring
	- Governor complete with levers
5V-336 ·	- Front governor plate
	- Shutter enclosure back plate (machined casting)
	- Shutter with blades
	- Shutter enclosure cover
	- Shutter enclosure cover (machined casting)
	- Safety dowser assembly
	- Safety dowser knob
	- Solenoid assembly
	- Solenoid only
-	- Sight glass
	- Sight cover
•	- Microswitch cover
	- 13 tooth pulley
	- Belt idler with bearings
	- Belt idler spindle
	- Lacing inspection plate
94-427	- Safety dowser spindle
91-440	- Picture-sound microswitch assembly - Picture-sound microswitch only
9V-443 .:	- Picture-sound microswitch only
9V-444 ·	- Mascarini microswitch assembly - st - Dowser stop spindle
JV-441 ·	- Rubber dowser stop with screw
	- Shutter locking disc
	- Circlip type UNI 3653 12mm dia.
32-3654	- Circlip type UNI 3654 32mm dia.

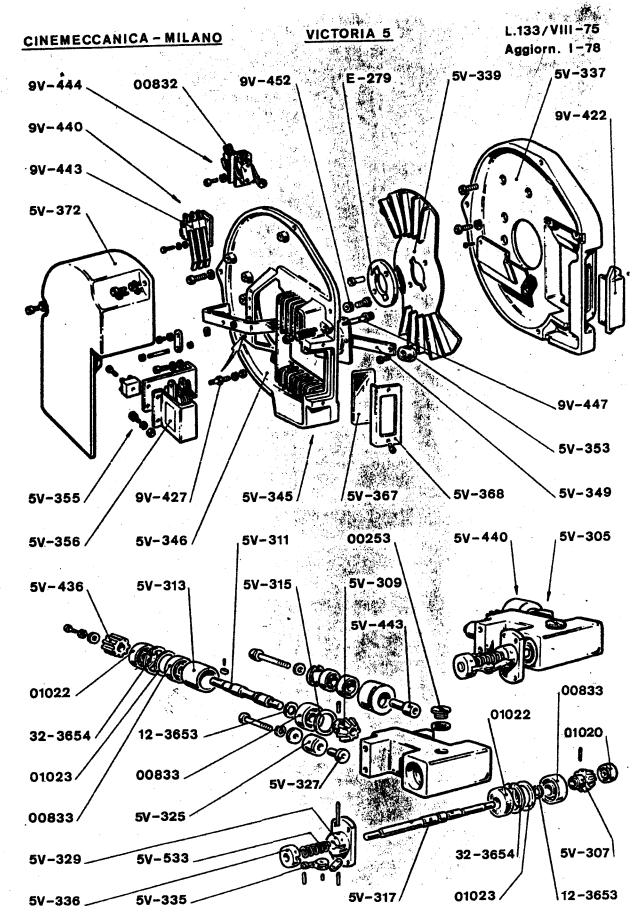


FIG. 4

FIG. 5

L-133/VFIL-75 Vup-to-date **7-77** Vup-to-date **8: 1-78**

FIG. 5 - INTERMITTENT UNIT

```
16 tooth intermittent aprocket
001C
          - Maltese cross with cam, pin and roller
0020
         - Lock washer with key - Cam with pin and roller
0025
0026
          - Cam with pin and roller
- Plug for cam adjustment with gasket
00253
          - Framing handle
00291
          - Front oil tight ring
00741
          - Back oil tight ring
01028
          - Spindle gasket
01071
01162
          - Belt containment roller
5V-325
5V-400-01 - Complete intermittent unit less sprocket
           Interm.unit main plate (mach.casting) with hinged spindl
5V-401
          - Eccentric sleeve for intermittent shaft
5V-404
          - Intermittent sprocket shaft
- Flywheel with shaft
5V-405
5V-409
          - Intermittent unit cover (machined casting)
5V-417
          - Oil drain plug with gasket and pipe
5V-422
          - Clutch washer
- 13 tooth pulley for flywheel
5V-425
5V-436
          - Bracket with idlers
5V-438
          - Idler bracket
5V-439
          - Belt idler with bearings
5V-440
          - Belt idler spindle
5V-443
          - Belt containment roller spindle
5V-447
          - Spacer spindle for idler bracket
5V-449
          - Framing shaft
5V-451
          - Framing shaft support bushing
5V-452
          - Bushing nut
- Washer
5V-453
5V-456
          - Clutch washer spring
8V-466
            Spring load control bush
8V-469
          - Roller arm stop collar
8V-470
8V - 471
          - Collar spring
          - Collar circlip
8V-472
          - Cover gasket
E-177
            Circlip type UNI 3654 22mm
22-3654
```

L.133/VIII-75 up-to-date X-76 up-to-date I-78

FIG. 6 - MOTOR (from serial No. 3500)

- Knob - 50mm dia. 00291 - Toothed belt 5V-170 - 4-pole motor pinion - 50 Hz 5**V-6**26 - 4-pole motor pinion - 60 Hz 5V-436 - Belt idler with bearings 5V-440 - Motor bracket 5V-602 5V-603 - Belt idler assembly 5V-614 - Belt idler washer - Belt idler spindle 5V-622 - 4-pole motor 50 Hz 1,440 R.P.M. 5V-625 - 4-pole motor 60 Hz 1,780 R.P.M. 5V-635 - 8-pole motor pinion - 50 Hz 5V-675 5V-680 - 8-pole motor pinion - 60 Hz 5MI-7002 - 8-pole motor 50 Hz - 730 R.P.M. 5MI-7003 - 8-pole motor 50 Hz - 860 R.P.M.

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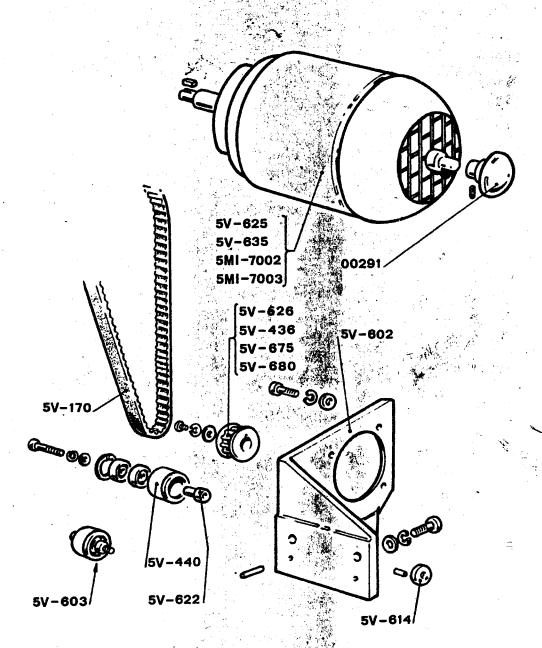
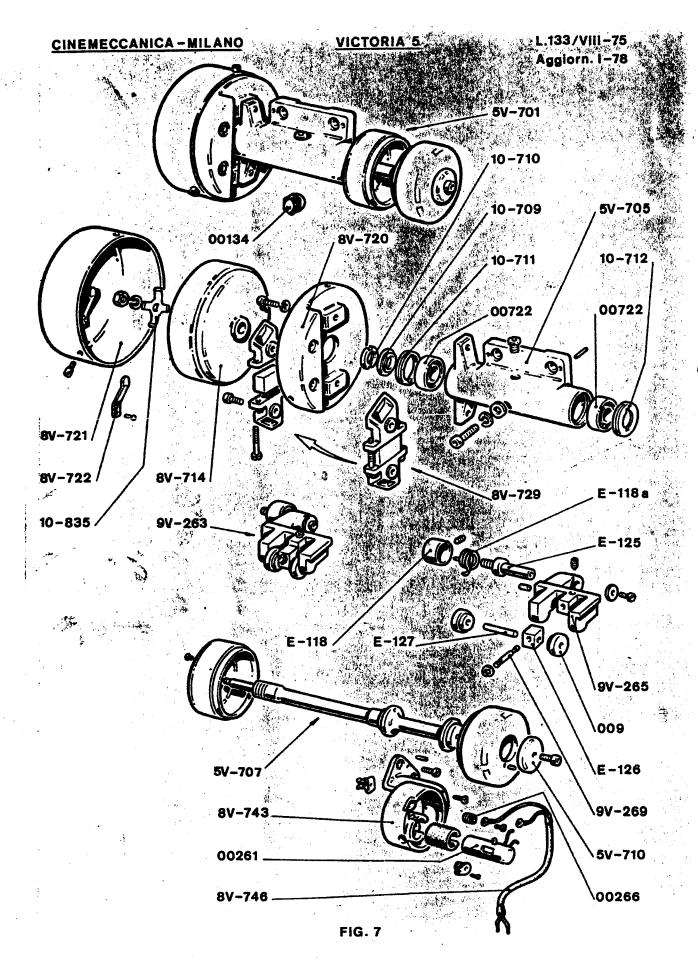


FIG. 6



(

E-127

FIG. 7 - OPTICAL SOUNDHEAD WITH DASHPOT AND MAGNETIC FLYWHEEL

- Roller, 24mm o.d. - 6mm i.d. 009 - Female connector for cell 00134 - Solar cell housing 00261 - Cell insulating washer with bush 00266 - Ball bearing 00722 - Drums bracket assembly 5V-701 - Drums bracket (machined casting) 5V-705 - Shaft with drums and screw 5V-707 - Drum fastening disc 5V-710 - Pressure roller arm assembly 97-263 - Pressure roller arm (machined casting) 97-265 - Block spindle 97-269 Flywheel 8V - 714- Flywheel housing (machined casting) 8V-720 - Flywheel housing cover with ground contact
- Ground contact 8V-721 8V-722 8V-729 - Flywheel magnet 1938 Cell bracket 8V - 743- Complete cell cable 8V-746 - Dashpot assembly as per FIG. 12 87-774 - Bearing adjustment washer 10-709 - Bearing adjustment washer 10-710 - Back bearing locking washer 10-711 - Front bearing locking washer 10-712 - Flywheel spring washer 10-835 - Pressure roller arm spring bush E-118 - Pressure roller arm spring E-118a - Pressure roller arm spindle E-125 - Drum roller arm block **E**-126

- Spindle for 24mm dia. roller

FIG. 7bis - SIMPLIFIED OPTICAL SOUNDHEAD

00134	_	Female connector for cell
5V - 710	_	Drum fastening disc
5V-751	_	Drums bracket assembly
5V-752	· `	Drums bracket assembly Drums bracket (machined casting)
5V-753	-	Bush
5V-754	-	Shaft with drums and screw
5V-758		Braking adjustment sleeve
E-235	-	Flywheel

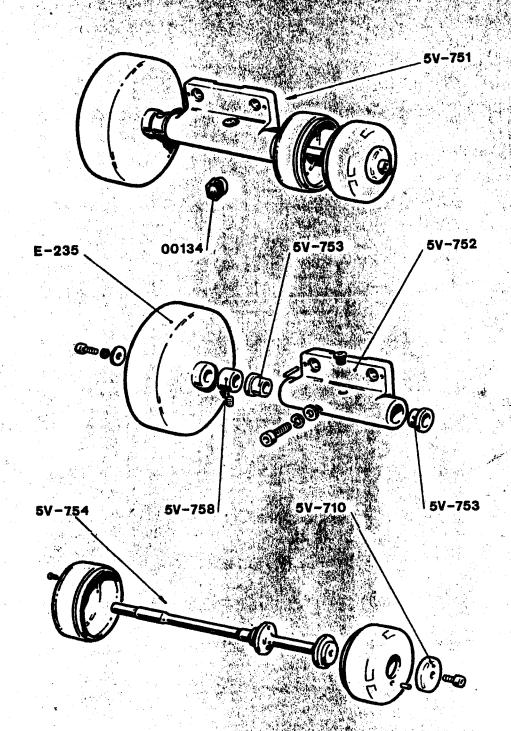


FIG. 7 bis

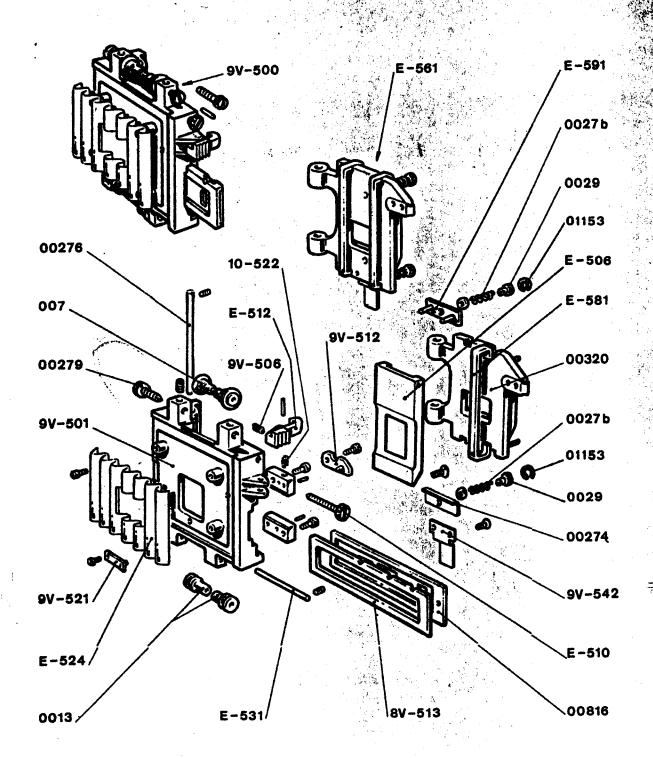


FIG. 8

FIG. 8 - GATE BRACKET AND GATE FRAME

- Spring guide roller assembly 007 - Grooved roller 0013 0027b - Pressure pad control spring - Spring adjusting knob 0029 00274 - Lower pressure push plate - Gate frame spindle - Guide roller point screw 00276 00279 00320 - Gate frame (machined casting) - 3-ratio aperture plate (ratios to be advised) 00816 - Washer type Ideal 2.3mm dia. 01153 9V-500 - Gate bracket assembly 9V-501 - Gate bracket (machined casting) 9V-506 - Gate frame closing lever spring 9V-512 - Aperture plate indexing lever 9V-521 - Aperture plate spring with spindle 9V-542 - Stripper 10-522 - Aperture plate indexing spring 8V-513 - Aperture plate moving guide E-506 Gate pad E-510 - Gate pad stop spindle - Gate release lever E-512 E-524 - Corrugated heat shield

- Lower roller spindle

- Pressure pad (2 pieces)

E-561 - Gate frame assembly

- Upper push plate

E-531

E-581

E-591

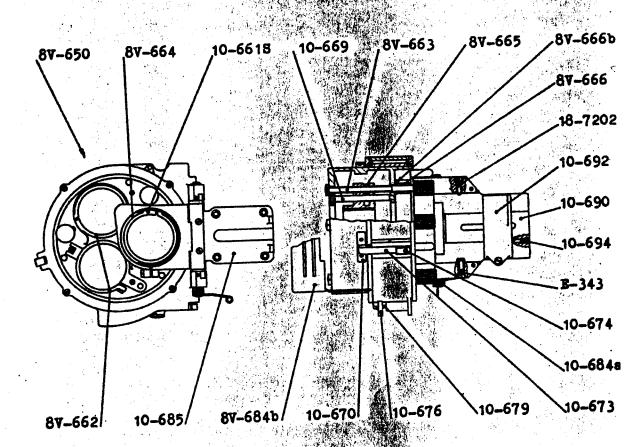
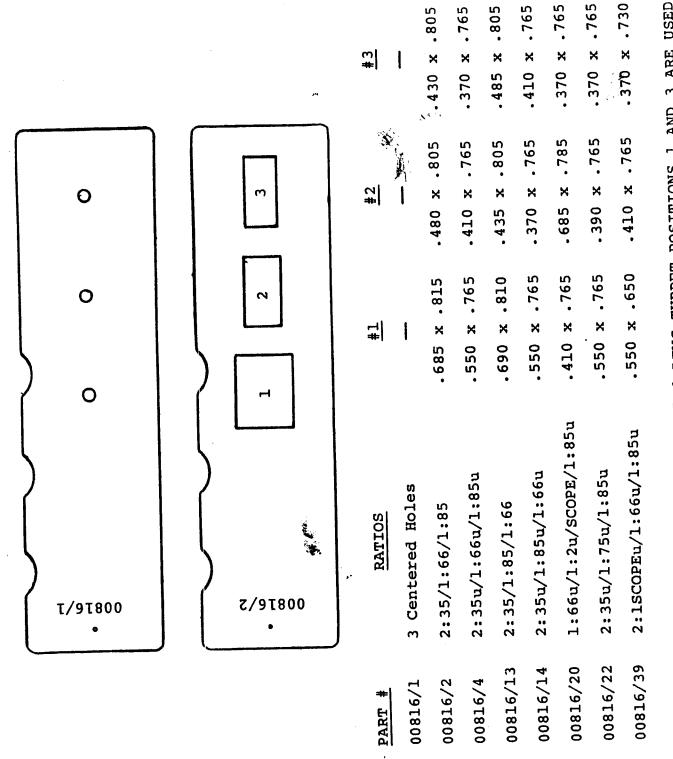


FIG. 9

FIG. 9 - THREE-LENS TURRET

8v-650	- Three-lens turret assembly
8 v -662	- 62.5mm dia. lens holder with focusing screw
8 V -663	- Lens holder focusing screw
8 V -664	- 70.6mm dia. lens holder with focusing screw
8 v -665	- Lens holder block
8 v -666	- Focusing screw spacer
8V-666b	- Washer
8V-684b	- Light shield
10-661S	- 70.6/62.5mm dia. eccentric sleeve
10-662T	- 70.6/62.5mm dia sleeve
10-669	- Eccentric guide spindle for lens holder
10-670	- Stop plate
10-673	- Stop lever
10-674	- Stop lever spring
10-676	- Turret locking lever
10-679	- Lever spring
10-684a	- Turret pivoting spring
10-685	- Turret support plate (machined casting)
10-690	- Anamorphic lens support plate (machined casting)
10-692	- Anamorphic lens holder (machined casting)
10-694	- Plunger spring for No. 10-690
18-7202	- Upper plunger spring
TP_ 2 // 2	- Lower plunger spring



r me: WITH CINEMECCANICA AUTOMATED 2 LENS TURRET POSITIONS 1 AND 3 ARE USED.

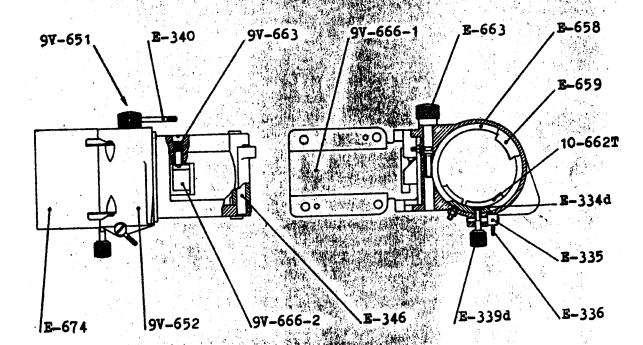


FIG. 10

```
- PORTAOBBIETTIVO SEMPLICE
FIG. 10
         - Fortaobbiettivo semplice compl.
9V-651
         - Portaobbiettivo (fus. lav.)
9V-652
         - Molla per nasello
97-663
9V-666-1 - Sopporto portaobbiettivo
9V-666-2 - Arresto portaobb. (per Vict.9)
10-662 T - Riduzione diam. 70,6 - 62,5
         - Piastrina fiss. obbiettivo
E-334 d
         - Vite morsetto portaobbiettivo
E-335
         - Perno vite morsetto
E-336
         - Bottone fissaggio obbiettivo
E-339 d
         - Astina bottone pignone spostam.
E - 340
         - Perno sopporto
E-346
         - Tubo portaobbiettivo diam. 70,6
E-658
         - Tubo portaobbiettivo diam.62,5
E-659
         - Pignone spostam.obbiett.e bottone
E-663
          - Paraluce
E - 674
                                         - SINGLE LENS HOLDER
                               FIG. 10
                                9V-651 Single lens holder assembly
                                9V-652 - Lens holder (machined casting)
                                9V-663 - Stop spring
                                9V-666-1 - Lens holder bracket
                                9V-666-2 - Lens holder stop (for Victoria 9
                                10-662 \text{ T} - 70.6 \text{mm} to 62.5 \text{mm} dia. sleeve
                                E-334 d - Lens locking plate
                                         - Lens holder clamp screw
                                E-335
                                         - Clamp screw spindle
                                E-336
                                E-339 d - Lens locking knob
                                         - Focusing rod
                                E-340
                                         - Bracket spindle
                                E-346
                                         - 70.6mm dia. lens holder sleeve
                                E-658
                                         - 62.5mm dia. lens holder sleeve
                                E-659
                                         - Focusing knob and pinion
                                E-663
                                          - Light shield
                                E-674
          - PORTE-OBJECTIF SIMPLE
 FIG. 10
          - Porte-objectif complet
 9V-651
          - Porte-objectif (fonderie seule)
 9V-652
           - Ressort
 9v-663
 9V-666-1 - Support du porte-objectif
 9V-666-2 - Butée du porte-objectif (pour Victoria 9)
                                     The same agree
          - Réduction Ø 70,6/62,5
  10-662T
           - Plaquette fixation objectif
 E-334d
           - Vis de serrage porte-objectif
 E-335
           - Levier vis de serrage
 E = 336
           - Bouton fixation objectif
           - Levier de commande règlage porte-objectif
 E-339d
  E-340
           - Axe support
  E-346
           - Tube porte-objectif Ø 70,6
  E-658
           - Tube porte-objectif Ø 62,5
           - Pignon de règlage du porte-objectif avec bouton
  E-659
  E-663
           - Pare-lumière
  E-674
```

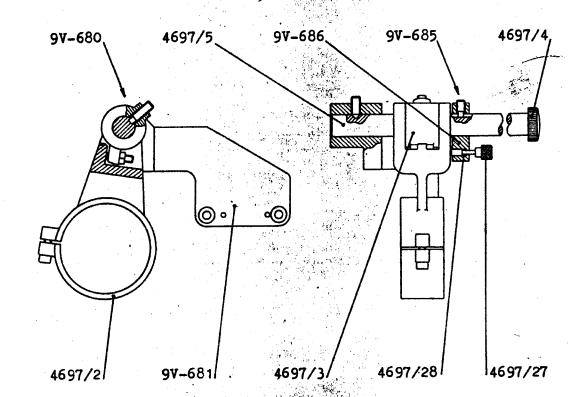


FIG. 11

9V-680 - Portaobbiettivo anamorfico completo

9V-681 - Sopporto perno per leva

9V-685 - Collare arresto leva completo 9V-686 - Collare arresto leva 4697/2 - Leva con anello

4697/3 - Arresto leva con anello

4697/4 - Tappo per perno

4697/5 - Perno per leva

4697/27 - Catenacciolo per collare

4697/28 - Molla catenacciolo

- SUPFORT ANAMORPHOSEUR HYPERGONAR FIG. 11

9V-680 - Support objectif anamorphoseur complet

9V-681 - Support de l'axe

9V-685 - Collier d'arrêt du levier complet

9V-686 - Collier d'arrêt seul 4697/2 - Levier avec anneau

4697/3 - Collier d'arrêt central du levier

4697/4 - Embout moleté de l'axe
4697/5 - Axe pour levier
4697/27 - Verrou pour collier
4697/28 - Ressort de verrou de collier

ANAMORPHIC LENS HOLDER

9V-680 - Anamorphic lens holder assembly 9V-681 - Lever spindle support

9V-685 - Lever stop collar assembly

9V-686 - Lever stop collar

4697/2 - Lever with ring

4697/3 - Lever stop with ring

4697/4 - Spindle cap

4697/5 - Lever spindle

4697/27 - Collar latch

4697/28 - Latch spring

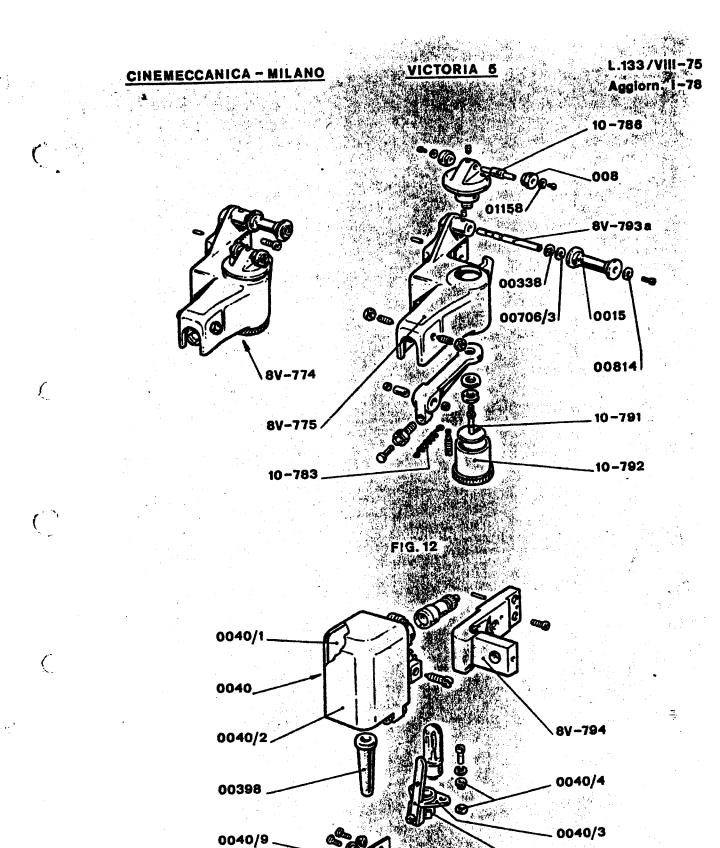


FIG. 13

0040/6.

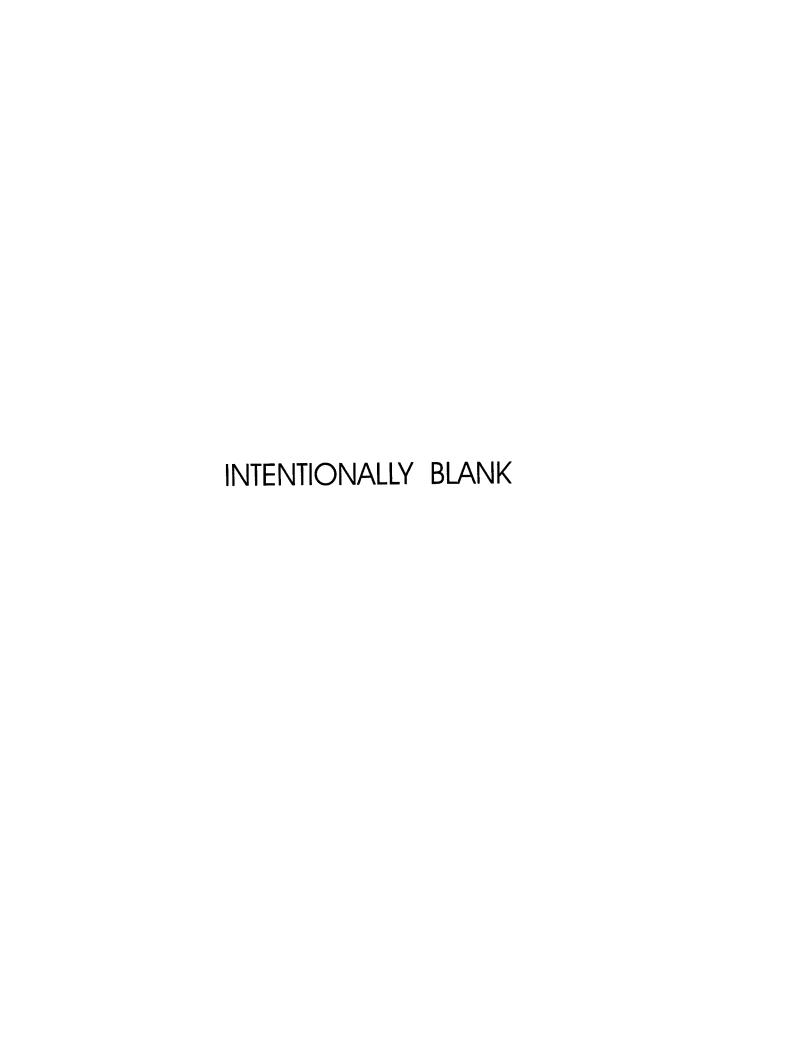
0040/10

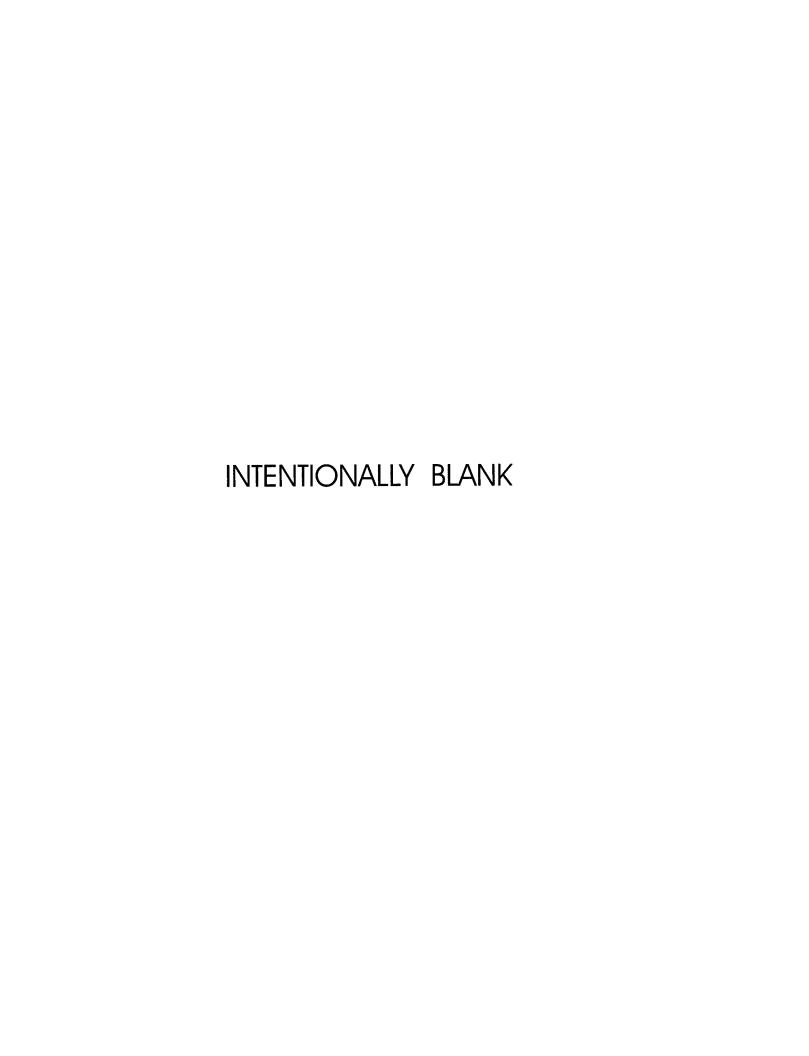
FIG. 12 - DASHPOT ASSEMBLY

800	- Roller, 15mm o.d 5mm i.d.
0015	- Flanged roller
00338	- Roller circlip - 6mm dia.
00706/3	- Washer
00814	- Washer
01158	- Washer
8V-774	- Dashpot assembly
8v-775 *	- Dashpot (machined casting)
8V-793a	- Flanged roller spindle
10-783	- Dashpot spring
10-786	- Spindle for 15 mm dia. roller
10-791	- Piston disc with spindle
10 702	_ Oil tank

FIG. 13 - EXCITER LAMP HOUSING

0040	- Exciter lamp housing assembly
0040/1	- Exciter lamp housing (machined casting)
0040/2	- Exciter lamp housing cover
0040/3	- Exciter lamp holder with insulating bushes
0040/4	- Exciter lamp insulating bushes and washers
0040/6	- Exciter lamp contact spring
0040/9	- Insulating bushes for part No. 0040/6
0040/10	- Exciter lamp locating spring with stud
00398	- Cable protection
8V-794	- Exciter lamp housing bracket
O+ 137	——————————————————————————————————————

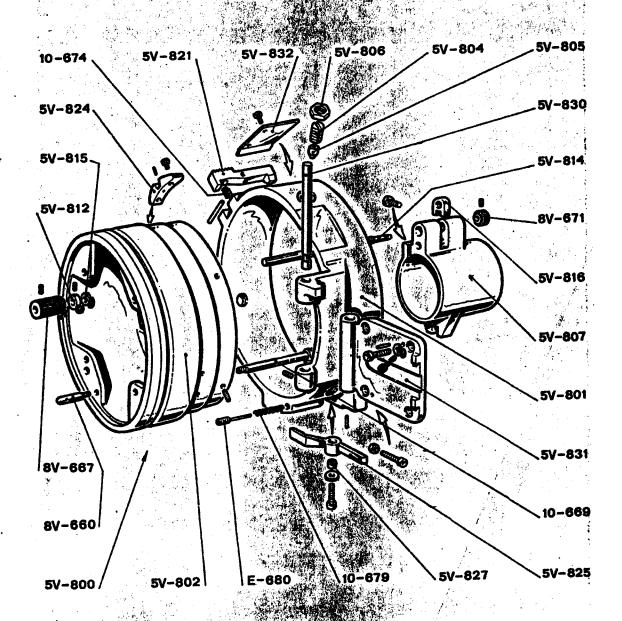




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EIG 15

FIG. 15 - MANUAL TWO-LENS TURRET

5V-800 - Manual two-lens turret

5V-801 - Fixed support

5V-802 - Rotating support

5V-804 - Special screw

5V-805 - Nylon wedge

5V-806 - Screw nut

5V-807 - Lens holder

5V-812 - Stop ring 5V-814 - Lens holder focusing screw 5V-815 - Spring washer

5V-816 - Lens holder block

5V-821 - Stop lever 5V-824 - Stop plate 5V-825 - Support locking lever 5V-827 - Locking lever bush

5V-830 - Support plate spindle

5V-831 - Support plate 5V-832 - Cover plate 8V-660 - Rotation spindle

8V-667 - Lens holder knob

8V-671 - Focusing screw ring

10-669 - Eccentric guide spindle

10-674 - Stop lever spring

10-679 - Support locking lever spring

E-680 - Spring loading nut

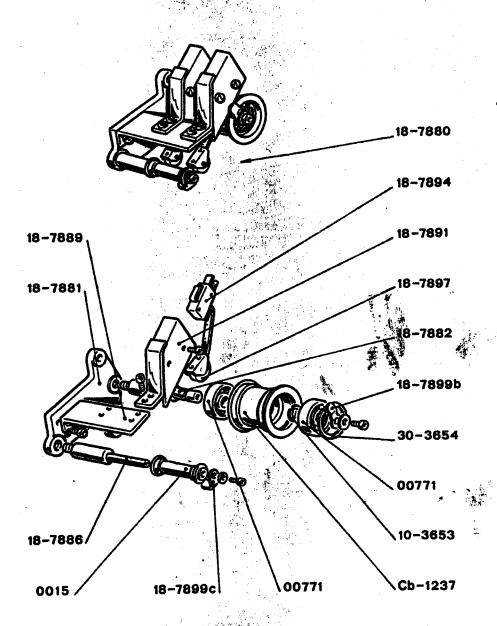
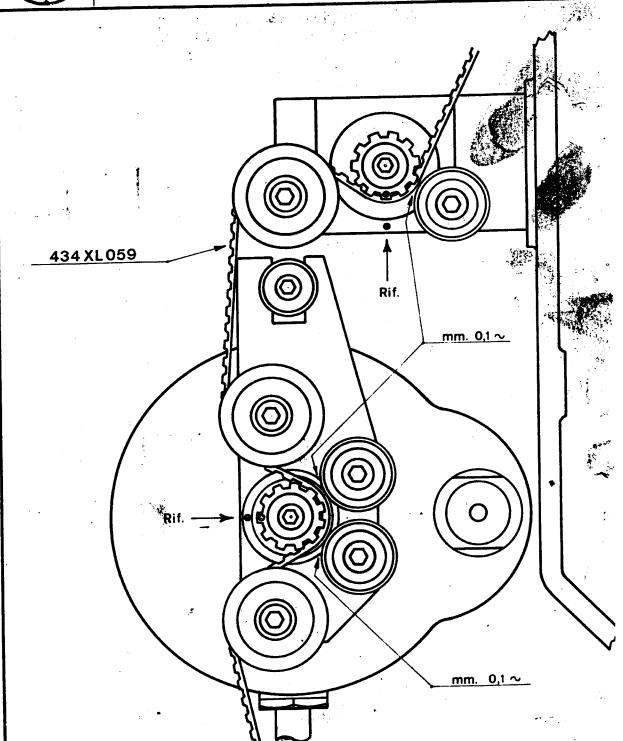


FIG. 19

```
- CORRIDOIO INFERIORE
         - Rullino con guide
00 15
       - Cuscinetto a sfere
00771
         - Corridoio inferiore di sicurezza completo
18-7880
        - Supporto rulli (fus. lav.)
18-7881
         - Ferno per rullo 35
18-7882
         - Perno per rullino con guide
18-7886
18-7889 - Squadretta supporto microinterruttore
18-7891 - Supporto microinterruttore (nudo)
         - Microinterruttore completo di rullino e leva
18-7894
         - Rullino per microinterruttore con perno
18-7897
18-7899b - Linguetta di sicurezza rullo 35
18-7899c - Linguetta di sicurezza per rullino
Cb-1237 - Rullo 35
                    - Anello elastico UNI 3653 Ø 10
10-3653
30-3654
FIG. 19 - ETOUFFOIR INFERIEUR
         - Galet avec guide
00 15
        - Roulement à billes
00771
         - Etouffoir inférieur de sécurité complet
18-7880
18-7881 - Support tembours (fusion seule)
18-7882 - Axe pour tembour 35 mm.
18-7886 - Axe pour galet avec guide
18-7889 - Plaquette support micro-interrupteur
         - Support micro-interrupteur (nu)
18-7891
         - Micro-interrupteur complet de galet et levier
18-7894
18-7897 - Galet pour micro-interrupteur avec axe
18-7899b - Languette de sécurité tambour 35 mm.
18-7899c - Languette de sécurité pour galet
Cb-1237 - Tembour 35 mm.
         - Rondelle élastique UNI 3653 Ø 10
10-3653
         - Rondelle élastique UNI 3654 Ø 30
30-3654
         - DOUBLE SIDED LOWER FILM BREAK SWITCH
FIG. 19
         - Flanged roller
00 15
         - Ball bearing
- Double sided lower film break switch
00771
18-7880
18-7881 - Roller support (machined casting only)
18-7882 - 35mm roller spindle
18-7886 - Flanged roller spindle
         - Microswitch support plate
18-7889
         - Microswitch support only
18-7891
18-7894 - Microswitch complete with roller and lever
         - Microswitch roller with spindle
18-7897
18-7899b - Safety tab for 35mm roller
18-7899c - Safety tab for roller
Cb-1237 - 35mm roller
10-3653 - Circlip type UNI 3653 - 10mm dia.
30-3654 - Circlip type UNI 3654 - 30mm dia.
```

Shutter phasing Messa in fase projettore

Data 3-10-75 f, -- tifiche



RIFERIMENTO FASE

In caso di cambio della cinghia assicurarsi che i punti di rife rimento segnati in rosso coincidano e che il tratto di cinghia fra i due pignoni sia ben teso.

THASE REFERENCE

When belt is replaced make shure to have the reference points facing each other with best well tight.

VICTORIA 5

Ruotismi e tensione cinghie.
Toolhed pulleys and belts

7,499

Dal Nº 3500 Date 23-12-75 M~difiche Z 90 (50 Hz) Z 94 (60 Hz) z 78 Tendicinghia proiettore Motor belt idler Otturatore 1440 giri Shutter dri pinion 1440 rpm mm Z 13 Kg.0.800 1.800 Lbs C.d.M. 1440 giri Intermittent movement pinion 1440 rpm z 78 Rullo inferiore 240 gir Lower sprocket 240 rpm

> Tendicinghia motore

Motor belt idler

Z 15 (50 Hz)

Z 13 (60 Hz)

Disegnato
da Lugueso
Controllato



Victoria 9 - 5 - 35 mm - PROIETTORE

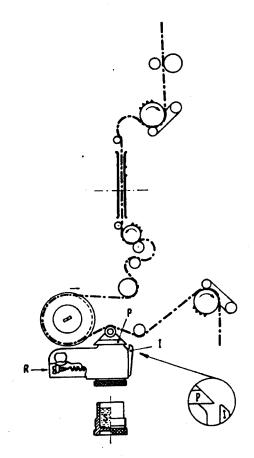
Percorso film - Percours film - Film threadings

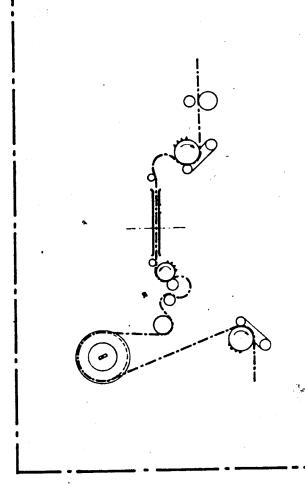


Data 15-1-75

M- difiche

Con compensatore idraulico Avec compensateur hydrauliques With dash pot





RIEMPIMENTO - Svitare il bicchierino, riempirlo di liquido S sino ad un centimetro dal bordo e riavvitarlo in sede.

REGOLAZIONE - Montare il film e mettere in moto il proiettore, ruota re la vite R sino a che il bordo inferiore di P coincida con l'indice I.

REMPLISSAGE - Dévisser le godet, et le remplir de liquide 5 jusqu'à 1 cm, du bord supérieur.

REGLAGE - Une fois le film monté et avec le projecteur en marche, tourner la vis R jusqu'à ce que le bord inferieur du support P vienne à coincider avec l'index I.

FILLING - Unscrew the pot. fill it with fluid " type S " till "
from the rim then but back in.

TACH FOT ADJUSTIANT - Thread the film and, while the mechanism is
running, rotate the samew 8 until the bottom edge of F corresponds
to the pointer L.

a luga Luga Controllato



Posizione quadruccio rispetto all'obbiettivo

Aperture to lens holder initial coupling

Couplage tourelle caches

7674

Data 26-5-77 Modifiche

