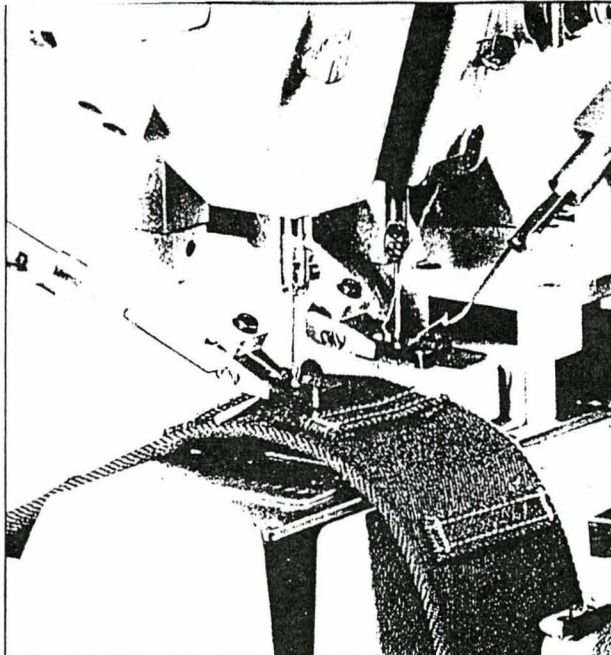




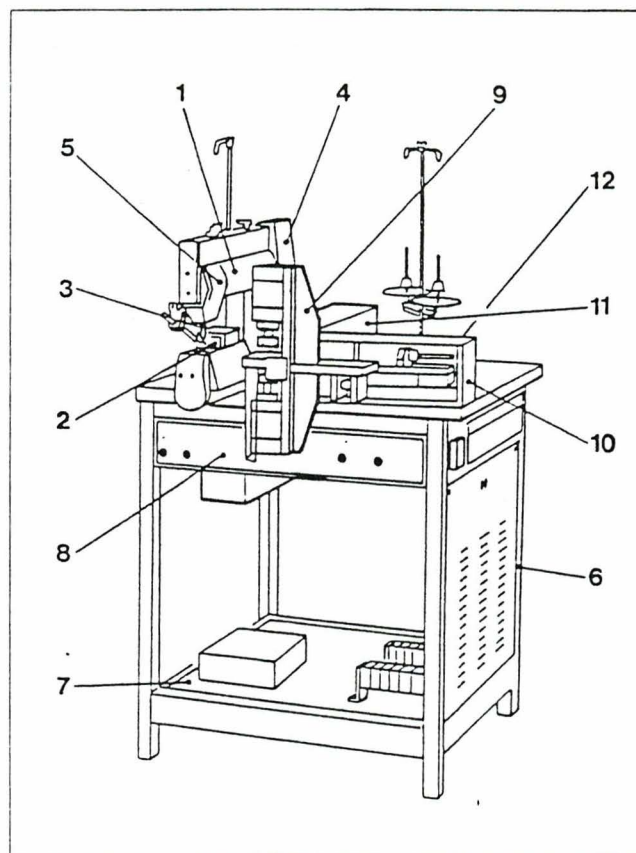
**MACPIL**

UNITÀ AUTOMATICA DOPPIO AGO  
TWEEN NEEDLE AUTOMATIC UNIT

**1650 EV2**



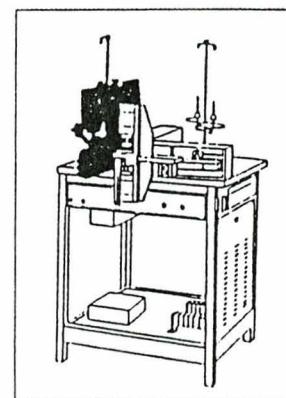
# Componenti 1650EV-2 Parts 1650EV-2



|           |                                                                         |            |                                               |
|-----------|-------------------------------------------------------------------------|------------|-----------------------------------------------|
| TAV.<br>1 | CORPO TESTA CUCITURA<br>SEWING HEAD BODY                                | TAV.<br>10 | DISPOSITIVO CARICATORE<br>LOOP FEEDER ASS.    |
| TAV.<br>2 | MECCANISMI TRASPORTO MATERIALE<br>SEWING FEEDING MECHANISM              | TAV.<br>11 | DISPOSITIVO TIRAPASSANTI<br>LOOP PULLING ASS. |
| TAV.<br>3 | MECCANISMI DI CUCITURA<br>SEWING MECHANISM                              | TAV.<br>12 | CAMBIO RAPIDO<br>QUICK CHANGE                 |
| TAV.<br>4 | MECCANISMI TRASMISSIONI E CAMME<br>FEED CAMM AND SEWING MOTION PARTS    |            |                                               |
| TAV.<br>5 | TESTA AGGIUNTA<br>AUXILIARY HEAD                                        |            |                                               |
| TAV.<br>6 | SOSTEGNO E MOTORE<br>STAND AND MOTOR                                    |            |                                               |
| TAV.<br>7 | VALVOLE ELETTROPNEUMATICHE<br>ELECTROPNEUMATIC VALVES                   |            |                                               |
| TAV.<br>8 | CONTROLLI PNEUMATICI ED INTERRUITORI<br>PNEUMATIC CONTROLS AND SWITCHES |            |                                               |
| TAV.<br>9 | GRUPPO TAGLIO PASSANTI<br>LOOP CUTTING ASS.                             |            |                                               |

# Corpo testa cucitura

## Sewing head booy

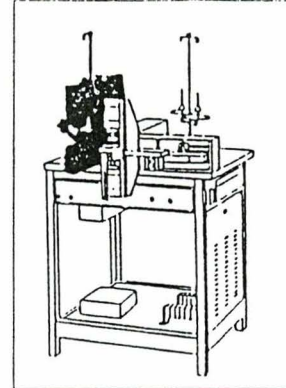


| N.<br>pos. | Codice.     | Denominazione                          | Description                    |
|------------|-------------|----------------------------------------|--------------------------------|
| 1          | PF118099    | FILARELLO COMPLETO                     | BOBBIN WINDER CPL.             |
| 2          | PF100281    | VITE                                   | SCREW                          |
| 3          | PF250084    | VITE                                   | SCREW                          |
| 4          | PF118681    | PERNO                                  | PIN                            |
| 5          | PF118098    | LEVA                                   | LEVERAGE                       |
| 6          | PF640630    | SEGHER                                 | ELASTIC RING                   |
| 7          | PF118683    | MOLLA                                  | SPRING                         |
| 8          | PF210168    | VITE FISSAGGIO FILARELLO               | BOBBIN WINDER SET SCREW        |
| 9          | PF171042    | TAPPO                                  | COVER                          |
| 10         | PF171049    | MOLLA                                  | SPRING                         |
| 11         | PF118935    | PERNO                                  | SPINDLE                        |
| 12         | PF602091    | SEGHER                                 | ELASTIC RING                   |
| 13         | PF118937    | BOCCOLA                                | BUSHING                        |
| 14         | PF118940    | MOLLA                                  | SPRING                         |
| 15         | PF118939    | PIASTRA                                | BOBBIN WINDER PLATE            |
| 16         | PF118682    | STAFFA                                 | HOLDER                         |
| 17         | PF118685    | MOLLA                                  | SPRING                         |
| 18         | PF118934    | MOVIMENTO FILARELLO                    | SPINDLE BRACKET                |
| 19         | PF118931    | BUSSOLA                                | BUSHING                        |
| 20         | 106TE       | PISTONE COMPLETO                       | CYLINDER CPL                   |
| 21         | WFF20       | FORCELLA ANTERIORE CON CLIPS           | FRONT FORK WITH CLIPS          |
| 22         | 650/001     | MOLLA RIPARO FILO                      | THREAD GUARD SPRING            |
| 23         | 1650/980    | LAMETTA                                | BOBBIN THREAD RETAINING SPRING |
| 24         | NPNNC       | SENSORE N.C.                           | SENSOR NC                      |
| 25         | M4x20BC     | BRUGOLA CONICA                         | ALLEN SCREW                    |
| 26         | KQ04-00     | RACCORDO MULTIPLO                      | 3 WAY FITTING                  |
| 27         | 16/20       | PISTONE                                | CYLINDER                       |
| 28         | 6500 4 1/8  | RACCORDO                               | ELBOW                          |
| 29         | M5x10VC     | VITE                                   | SCREW                          |
| 30         | M3x4G       | GRANO                                  | GRUB SCREW                     |
| 31         | 107TE       | ATTACCO SENSORE                        | SENSOR BRACKET                 |
| 32         | 109TE       | PARACOLPI PISTONE                      | SHOCK ABSORBER                 |
| 33         | 108TE       | DADO                                   | NUT                            |
| 34         | 1650/048    | SUPPORTO ECCITAZIONE SENSORE           | SENSING BOLT SUPPORT           |
| 35         | 101TE       | GANCIO PIGLIAFILO                      | THREAD PICKER                  |
| 36         | PAPOS10PIO  | BOCCOLA                                | BUSHING                        |
| 37         | 111TE       | SUPPORTO GANCIO PIGLIAFILO             | THREAD PICKER BRACKET          |
| 38         | 103TE       | LEVA GANCIO                            | LEVERAGE                       |
| 39         | M4x6BC      | BRUGOLA                                | ALLEN SCREW                    |
| 40         | 1650/008    | SPORTELLINO SINISTRO                   | LEFT COVER                     |
| 41         | 1650/009    | SPORTELLINO DESTRO                     | RIGHT COVER                    |
| 42         | M6x20B      | BRUGOLA                                | ALLEN SCREW                    |
| 43         | 1650/004    | CARTER SINISTRO COPRIRASAFILI COMPLETO | LEFT HAND COVER CPL.           |
| 44         | 1650/004-1  | CALAMITA                               | MAGNET                         |
| 45         | 1650/956    | SUPPORTO PULSANTE AVVIAMENTO           | STARTING SWITCH HOLDER         |
| 46         | 1650/957    | POMOLO                                 | SERRATED NUT                   |
| 47         | 1650/958    | SPINA ø 6                              | ø 6 PIN                        |
| 48         | 1650/005    | CARTER DESTRO COPRIRASAFILI COMPLETO   | RIGHT HAND COVER CPL.          |
| 49         | STAR0612016 | MANICOTTO                              | SLEEVE                         |
| 50         | M6x8GP      | GRANO A PUNTA                          | GRUB SCREW POINTED             |
| 51         | 12310       | ALBERO                                 | SHAFT                          |
| 52         | 17167163    | GRUPPO TENSIONE COMPLETA               | THREAD TENSION GROUP           |
| 53         | 17001560    | DADO                                   | NUT                            |
| 54         | 17002103    | MOLLA                                  | SPRING                         |
| 55         | 17032572    | DISCO TENSIONE                         | TENSION DISK OPENER            |
| 56         | 17002102    | DISCO                                  | DISK                           |
| 57         | 17141576    | PERNO TENSIONE                         | TENSION SPINDLE                |
| 58         | 17270278    | PERNO APRITENSIONE                     | TENSION OPENER PIN             |
| 59         | 17052394    | MOLLA TENSIONE                         | TENSION SPRING                 |
| 60         | 17167173    | BLOCCO TENSIONE                        | TENSION CASE BODY              |
| 61         | 17141245    | GRANO                                  | GRUB SCREW                     |



# Corpo testa cucitura

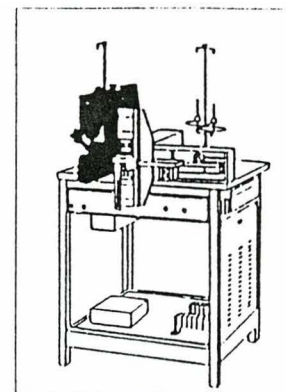
## Sewing head booy



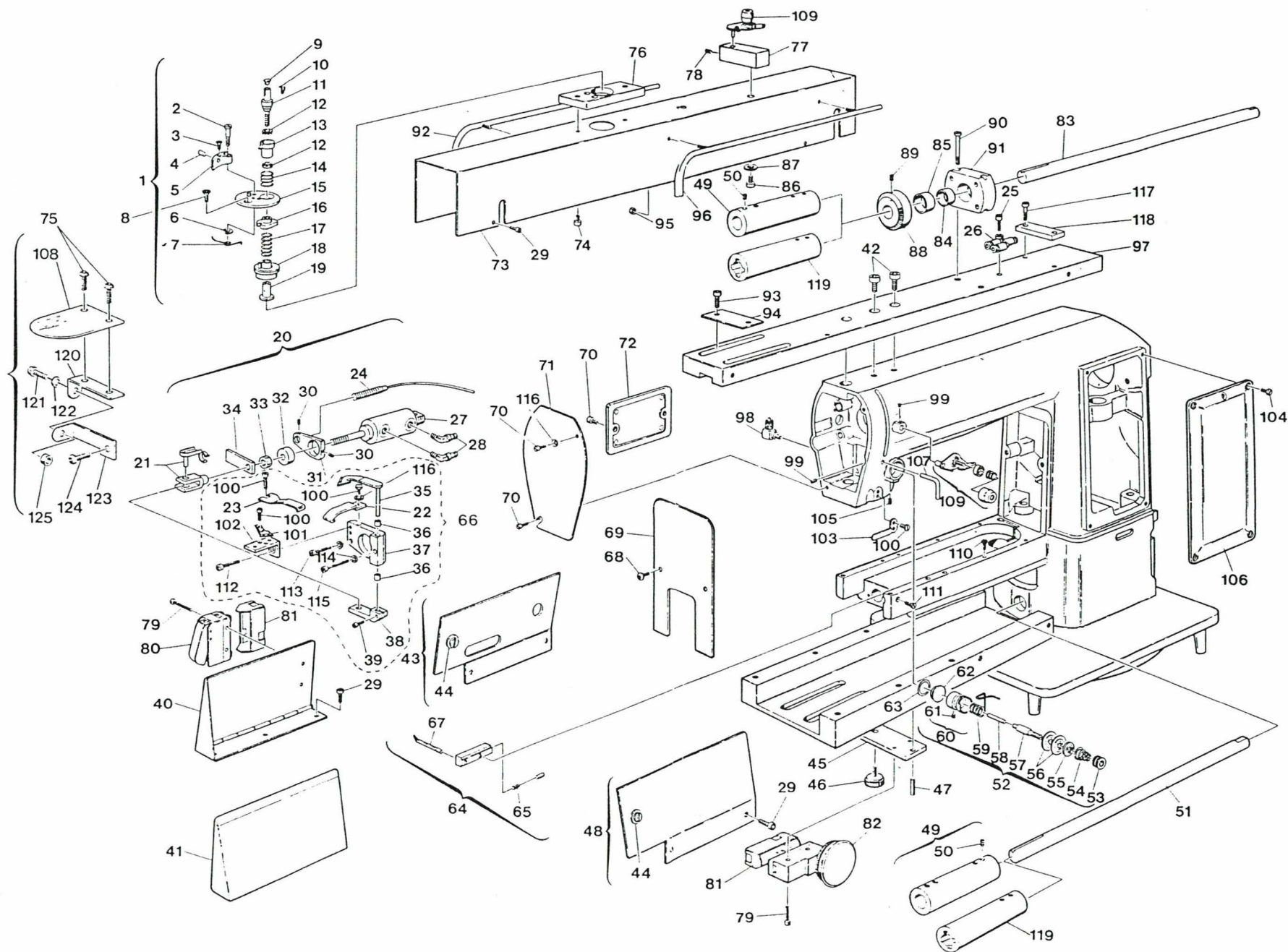
| N. pos. | Codice.      | Denominazione                    | Description                             |
|---------|--------------|----------------------------------|-----------------------------------------|
| 62      | 124ATE       | PORTA ANELLO APRITENSIONE        | 'O' RING PISTON                         |
| 63      | 124BTE       | ANELLO APRITENSIONE              | 'O' RING                                |
| 64      | 1650/881     | FERMACASTELLO COMPLETO           | BOBBIN CASE BASKET RETAINING FINGER CPL |
| 65      | M5x6G        | GRANO                            | GRUB SCREW                              |
| 66      | 650/002      | SUPPORTO COMPLETO                | THREAD DICKER BRACKET ASSEMBLY          |
| 67      | 1650/124     | FERMACESTELLO                    | RETAINING FINGER                        |
| 68      | M4x6         | BRUGOLA                          | ALLEN SCREW                             |
| 69      | 1650/959     | CARTER                           | CARTER                                  |
| 70      | M4x8BB       | BRUGOLA                          | ALLEN SCREW                             |
| 71      | 1650/006     | CARTER FRONTALE                  | FRONT PLATE                             |
| 72      | 1650/960     | CARTER                           | LEVER                                   |
| 73      | 1650/002     | CARTER SUPERIORE                 | TOP COVER                               |
| 74      | M5x10B       | BRUGOLA                          | ALLEN SCREW                             |
| 75      | M4x6BB       | BRUGOLA BOMBATA                  | ALLEN SCREW                             |
| 76      | 1650/014     | PIASTRA                          | BOBBIN WINDER SEAT                      |
| 77      | 1650/961     | BLOCCO PORTA TENSIONE            | TENSION BRACKET                         |
| 78      | M3x10G       | GRANO                            | GRUB SCREW                              |
| 79      | M4x20B       | BRUGOLA                          | ALLEN SCREW                             |
| 80      | C41ZN        | PULSANTE AVVIAMENTO              | STARTING SWITCH                         |
| 81      | CP4          | CARTER COPRIMICRO                | SWITCH COVER                            |
| 82      | C8AZN        | PULSANTE AVVIAMENTO              | STARTING SWITCH                         |
| 83      | 12420        | ALBERO                           | SHAFT                                   |
| 84      | BOC12x15x16  | BOCCOLA 12x15x16                 | BUSHING                                 |
| 85      | PAP1515P10   | BOCCOLA                          | BUSHING                                 |
| 86      | M6x20B       | BRUGOLA                          | ALLEN SCREW                             |
| 87      | RONDELLA6    | RONDELLA ø 6                     | WASHER                                  |
| 88      | 1650/015     | MOVIMENTO FILARELLO              | BOBBIN WINDER RING                      |
| 89      | M6x8G        | GRANO                            | GRUB SCREW                              |
| 90      | M4x35V       | VITE                             | SCREW                                   |
| 91      | 1650/017     | BLOCCO SUPPORTO ALBERO           | UPPER SHAFT BRACKET                     |
| 92      | 1650/962-2   | PASSAFILO SX                     | THREAD LEFT GUIDE                       |
| 93      | M6x30B       | BRUGOLA                          | ALLEN SCREW                             |
| 94      | 1650/046     | PIASTRA                          | LOCATING PLATE                          |
| 95      | M4D          | DADO                             | NUT                                     |
| 96      | 1650/962-1   | PASSAFILO DX                     | THREAD RIGHT GUIDE                      |
| 97      | 1650/013     | STAFFA FISSAGGIO TESTA SUPERIORE | UPPER HEAD BRACKET                      |
| 98      | M-5HL-4-UO   | RACCORDO                         | ELBOW                                   |
| 99      | M4x6G        | GRANO                            | GRUB SCREW                              |
| 100     | M3x5VCS      | VITE                             | SCREW                                   |
| 101     | 17540760     | COLTELLO                         | KNIFE                                   |
| 102     | 105TE        | SUPPORTO COLTELLO FISSO          | KNIFE BRACKET                           |
| 103     | 1650/023     | PASSAFILO                        | THREAD GUIDE                            |
| 104     | M3x5B        | BRUGOLA                          | GRUB SCREW                              |
| 105     | M4x6G        | GRANO                            | ALLEN SCREW                             |
| 106     | 1650/963     | CARTER                           | CARTER                                  |
| 107     | 650/024      | PASSAFILO                        | THREAD GUIDE                            |
| 108     | 650/034      | LEXAN                            | LEXAN                                   |
| 109     | 17543411     | GRUPPO TENSIONE                  | TENSION GROUP                           |
| 110     | 17000691     | VITE                             | SCREW                                   |
| 111     | 17000742     | VITE FISSA FERMACESTELLO         | RETAINING FINGER SCREW                  |
| 112     | M3x10B       | BRUGOLA                          | ALLEN SCREW                             |
| 113     | M3x16B       | BRUGOLA                          | ALLEN SCREW                             |
| 114     | R4B          | RONDELLA ø 4                     | WASHER                                  |
| 115     | M3x20B       | BRUGOLA                          | ALLEN SCREW                             |
| 116     | R3B          | RONDELLA BOMBATA                 | CONVEX WASHER                           |
| 117     | M4x16B       | BRUGOLA                          | ALLEN SCREW                             |
| 118     | 1650/047     | PIASTRA                          | SETTING PLATE                           |
| 119     | 1650/579     | MANICOTTO MODIFICATO             | MODIFIED SLEEVE                         |
| 120     | 650/035      | SQUADRETTA PORTA LEXAN           | LEXAN BRACKET                           |
| 121     | M4x8BB       | BRUGOLA BOMBATA                  | ALLEN SCREW                             |
| 122     | RONDELLA ø 4 | RONDELLA BOMBATA ø 4             | WASHER                                  |



Corpo testa cucitura  
Sewing head booy

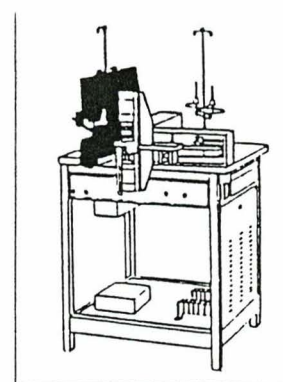


| N.<br>pos. | Codice. | Denominazione      | Description            |
|------------|---------|--------------------|------------------------|
| 123        | 650/036 | CONTRO SQUADRA     | LEXAN BRACKET RETAINER |
| 124        | M5x8BB  | BRUGOLA BOMBATA    | ALLEN SCREW            |
| 125        | M4D     | DADO               | NUT                    |
| 126        | 650/033 | PARAOCCHI COMPLETO | EYE GUARD CPL          |



# Meccanismi trasporto materiale

## Sewing feeding mechanism

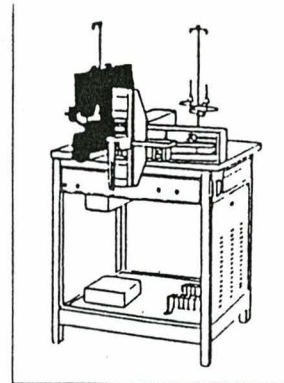


| N. pos. | Codice      | Denominazione                                                        | Description                                      |
|---------|-------------|----------------------------------------------------------------------|--------------------------------------------------|
| 1       | 1650/118    | PIEDINO ESTERNO NUOVO MODELLO                                        | NEW (OUTSIDE) PRESSER FOOT CPL                   |
| 2       | 1650/122    | SUPPORTO SCARPETTA                                                   | FOOT BRACKET                                     |
| 3       | 1650/105    | PISTONCINO                                                           | PISTON                                           |
| 4       | OR11        | ANELLO OR ø 11                                                       | "O" RING ø 11                                    |
| 5       | M4x6G       | GRANO                                                                | GRUB SCREW                                       |
| 6       | 1650/119    | MOLLA RITORNO PIEDINO                                                | PRESSER FOOT RETURN SPRING                       |
| 7       | M-5AU4      | RACCORDO                                                             | NIPPLES                                          |
| 8       | 1650/120    | LARDONE                                                              | GIB PLATE                                        |
| 9       | M3x12V      | VITE                                                                 | SCREW                                            |
| 10      | 1650/121    | ASTA GUIDA PIEDINO                                                   | PRESSER FOOT GUIDE                               |
| 11      | M5x25B      | BRUGOLA                                                              | ALLEN SCREW                                      |
| 12      | M6x6G       | GRANO                                                                | GRUB SCREW                                       |
| 13      | M3x4VS      | VITE SVASATA                                                         | COUNTERSUNK SCREW                                |
| 14      | 1650/107    | GUIDA COMPLETA                                                       | POSITIONING GUIDE                                |
| 15      | 12TTAGLIO-1 | SCARPETTA NORMALE PER LEGGERO                                        | PRESSER FOOT CPL (LIGHT)                         |
| 16      | 12TTAGLIO-2 | SCARPETTA NORMALE PER PESANTE                                        | PRESSER FOOT CPL (HEAVY)                         |
| 17      | 1650/108    | GUIDA REGOLABILE                                                     | SET GUIDE                                        |
| 18      | M4x10B      | BRUGOLA                                                              | ALLEN SCREW                                      |
| 19      | M5x25B      | BRUGOLA                                                              | ALLEN SCREW                                      |
| 20      | M4x25VC     | VITE CILINDRICA                                                      | SCREW                                            |
| 21      | 1650/035    | PIASTRA                                                              | BASE PLATE                                       |
| 22      | M6x8G       | GRANO                                                                | GRUB SCREW                                       |
| 23      | TR42        | TUBO RILSAN                                                          | PIPE                                             |
| 24      | 1650/024    | BLOCCO SUPPORTO PIEDINO                                              | PRESSER FOOT BRACKET                             |
| 25      | ALBERO95180 | ALBERO                                                               | SHAFT                                            |
| 26      | M-5HL4UQ    | RACCORDO                                                             | ELBOW FITTING                                    |
| 27      | 10/30       | PISTONE A STELO ESAGONALE                                            | SIX SIDE STEM CYLINDER                           |
| 28      | 1650/111    | PIGLIAFILO                                                           | THREAD WIPER                                     |
| 29      | M6x20B      | BRUGOLA                                                              | ALLEN SCREW                                      |
| 30      | R6          | RONDELLA ø 6                                                         | WASHER                                           |
| 31      | 1650/031-1  | SUPPORTO PIGLIAFILO INTERNO                                          | INSIDE THREAD WIPER BRACKET                      |
| 32      | 1650/033    | SUPPORTO                                                             | SPACER                                           |
| 33      | M6x14B      | BRUGOLA                                                              | ALLEN SCREW                                      |
| 34      | AUT6MA      | DADO AUTOBLOCCANTE                                                   | SELF LOCKING NUT                                 |
| 35      | M6x16G      | GRANO                                                                | GRUB SCREW                                       |
| 36      | 1650/112    | BOCCOLA                                                              | BUSHING                                          |
| 37      | 1650/025    | LAMIERINO SPOSTAMENTO TESSUTO<br>(SPECIFICARE CALIBRO E MISURA AGHI) | CLOTH PLATE<br>(SPECIFY GAUGE AND NEEDLES GAUGE) |
| 38      | 1650/028    | BASAMENTO PORTA LAMIERINO                                            | CLOTH PLATE BRACKET                              |
| 39      | M6x8VS      | VITE SVASATA                                                         | COUNTERSUNK SCREW                                |
| 40      | 1650/032    | PIASTRA MOVIMENTO TESSUTO                                            | CLOTH PLATE SLIDE                                |
| 41      | 1650/026    | LARDONE                                                              | FRONT SLIDE GUIDE                                |
| 42      | LASTRA      | LASTRA                                                               | SLIDING BODY                                     |
| 43      | 1650/884    | PIASTRA FISSAGGIO LASTRA ESTERNO                                     | SLIDING BODY EXTERNAL PLATE                      |
| 44      | 1650/885    | RONDELLA                                                             | WASHER                                           |
| 45      | M6x12VS     | VITE SVASATA                                                         | COUNTERSUNK SCREW                                |
| 46      | BOC8x12x10  | BOCCOLA                                                              | BUSHING                                          |
| 47      | M5x15B      | BRUGOLA                                                              | ALLEN SCREW                                      |
| 48      | 1650/886    | SUPPORTO PONTE MOVIMENTO CARRO                                       | CLOTH PLATE SLIDE ARCH BRACKET                   |
| 49      | 1650/887    | PONTE MOVIMENTO CARRO                                                | CLOTH PLATE SLIDE ARCH                           |
| 50      | 17350605    | BULLONE                                                              | ALLEN SCREW                                      |
| 51      | 1650/888    | ALBERINO                                                             | SHAFT                                            |
| 52      | CRM6AE      | UNIBALL COMPLETO                                                     | UNIBALL CPL                                      |
| 53      | 1650/889    | SPINOTTO                                                             | CONNECTING PIN                                   |
| 54      | M6x12G      | GRANO                                                                | GRUB SCREW                                       |
| 55      | M6x16B      | BRUGOLA                                                              | ALLEN SCREW                                      |
| 56      | BOC10x14x10 | BOCCOLA                                                              | BUSHING                                          |
| 57      | 1650/890    | LEVA                                                                 | LEVER                                            |
| 58      | 1650/891    | QUADRO                                                               | SLIDE BLOCK                                      |
| 59      | 1650/892    | SETTORE                                                              | SLIDE BLOCK POSITIONING PIN                      |

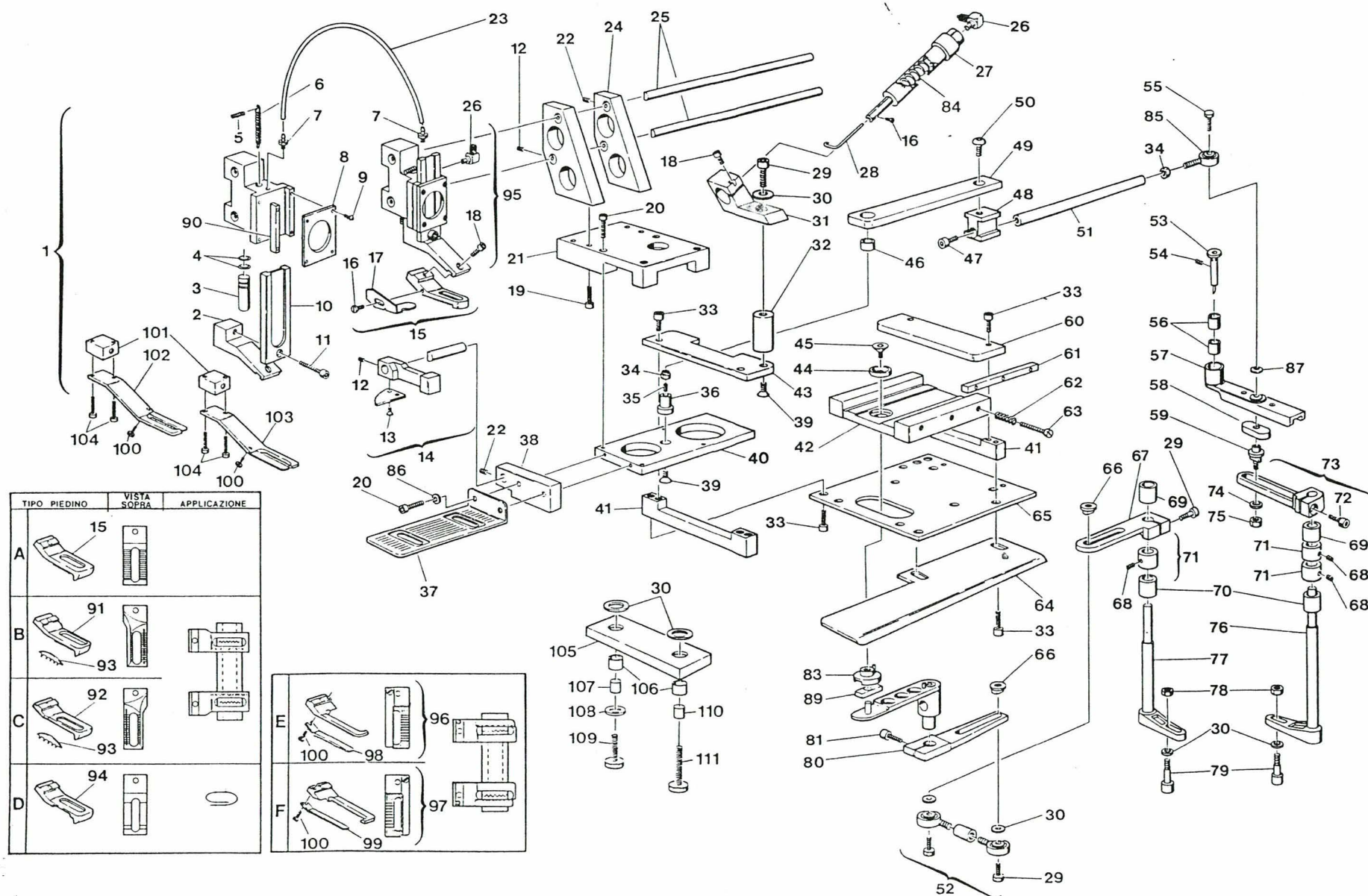


# Meccanismi trasporto materiale

## Sewing feeding mechanism

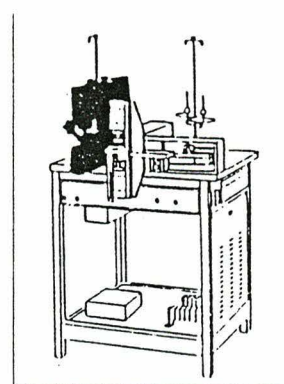


| N. pos. | Codice.     | Denominazione                              | Description                   |
|---------|-------------|--------------------------------------------|-------------------------------|
| 60      | 1650/029    | PIASTRA FISSAGGIO LASTRA INTERNA           | SLIDING BODY SET PLATE        |
| 61      | 1650/030    | LARDONE RASAMENTO FIBRA                    | ADJ GIB (FIBRE)               |
| 62      | S20         | MOLLA                                      | SPRING                        |
| 63      | M4x35V      | VITE                                       | SCREW                         |
| 64      | TA3963      | SALVA MANI                                 | HAND GUARD                    |
| 65      | 1650/027    | PIASTRA                                    | PLATE                         |
| 66      | 1650/115    | SETTORE                                    | SLIDING NUT                   |
| 67      | 1650/893    | LEVA INTERNA                               | INTERNAL LEVER                |
| 68      | M5x5G       | GRANO                                      | GRUB SCREW                    |
| 69      | PAP1020P10  | CUSCINETTO                                 | BALL BEARING                  |
| 70      | PAP1225P10  | BOCCOLA                                    | BALL BEARING                  |
| 71      | 1650/894    | RASAMENTO                                  | PLAY RETAINER                 |
| 72      | M6x15B      | BRUGOLA                                    | ALLEN SCREW                   |
| 73      | 1650/895    | LEVA                                       | LEVER                         |
| 74      | 1650/896    | RONDELLA                                   | WASHER                        |
| 75      | 1650/897    | DADO                                       | NUT                           |
| 76      | 1650/898    | LEVA ZIG-ZAG                               | ZIG-ZAG LEVER                 |
| 77      | 1650/899    | LEVA LUNGHEZZA TRAVETTA                    | TACK LENGTH LEVER             |
| 78      | AUT6MAR     | DADO AUTOBLOCCANTE RIBASSATO               | SELFLOCKING NUT               |
| 79      | KR16PP      | RULLI DA 16MM                              | 16MM ROLLERSTUD               |
| 80      | 1650/900    | LEVA                                       | LEVER                         |
| 81      | M6x25B      | BRUGOLA                                    | ALLEN SCREW                   |
| 82      | 1650/901    | LEVA                                       | LEVER                         |
| 83      | 1650/902    | BLOCCO                                     | MOTION BLOCK                  |
| 84      | 1650/116    | MOLLA INTERNA PISTONE                      | INSIDE SPRING                 |
| 85      | RM6AE       | UNIBALL                                    | UNIBALL                       |
| 86      | R4          | RONDELLA                                   | WASHER                        |
| 87      | 1650/951    | RONDELLA                                   | WASHER                        |
| 88      | 1650/125    | SUPPORTO PIGLIAFILO                        | OUTSIDE THREAD WIPER BRACKET  |
| 89      | 650/070     | TASSELLO                                   | SCREW                         |
| 90      | 1650/577    | LARDONE                                    | SIDE PLAY RETAINER            |
| 91      | 17TTAGLIO-1 | PIEDINO SPECIALE LATO SX (POSTERIORE)      | TOOTHED REAR FOOT             |
| 92      | 17TTAGLIO-2 | PIEDINO SPECIALE LATO DX (ANTERIORE)       | TOOTHED FRONT FOOT            |
| 93      | 1650/065    | PUNTINE PER PIEDINO                        | FOOT TOOTHED STRIP            |
| 94      | 1650/066    | PIEDINO SPECIALE PER PASSANTI CON SORMONTO | OVERLAPPED LOOP SPECIAL FOOT  |
| 95      | 1650/117    | PIEDINO INTERNO NUOVO MODELLO              | NEW (INSIDE) PRESSER FOOT CPL |
| 96      | 21TTAGLIO-2 | SCARPETTA ESTERNA CON MOLLA                | SPRING PRESSER FOOT FRONT     |
| 97      | 21TTAGLIO-1 | SCARPETTA INTERNA CON MOLLA                | SPRING PRESSER FOOT REAR      |
| 98      | 1650/300    | MOLLA ESTERNA                              | FRONT SPRING                  |
| 99      | 1650/301    | MOLLA INTERNA                              | REAR SPRING                   |
| 100     | M3x5VC      | VITE                                       | SCREW                         |
| 101     | 1650/302    | BLOCCHETTO SUPPORTO                        |                               |
| 102     | 1650/303    | SUPPORTO SCARPETTA EST.                    | FOOT BRACKET FRONT            |
| 103     | 1650/304    | SUPPORTO SCARPETTA INT.                    | FOOT BRACKET REAR             |
| 104     | 1650/305    | VITE                                       | SCREW                         |
| 105     | 1650/306    | PIASTRINA IN ALLUMINIO                     | CONNECTING PLATE (ALLUMINIUM) |
| 106     | BOC10x14x10 | BUSSOLA                                    | BUSHING                       |
| 107     | IR6x10x10   | NOCCIOLIO                                  | SLEEVE                        |
| 108     | RB6         | RONDELLA BOMBATA ø 6                       | CONVEX WASHER ø 6             |
| 109     | M6x16BL     | BULLONE                                    | BOLT                          |
| 110     | IR6x10x12   | NOCCIOLIO                                  | SLEEVE                        |
| 111     | M6x20BL     | BULLONE                                    | BOLT                          |



# Meccanismi di cucitura

## Sewing mechanism

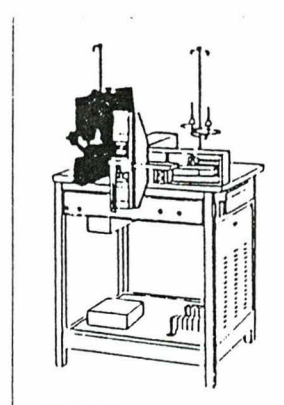


| N. pos. | Codice.           | Denominazione                           | Description                          |
|---------|-------------------|-----------------------------------------|--------------------------------------|
| 1       | 17413020          | VITE SENZA FINE 28 PUNTI                | WORM 28 STITCHES                     |
|         | 17413024          | VITE SENZA FINE 36 PUNTI                | WORM 36 STITCHES                     |
|         | 17413016          | VITE SENZA FINE 42 PUNTI                | WORM 42 STITCHES                     |
| 2       | 17141407          | GRANO                                   | GRUB SCREW                           |
| 3       | 17141408          | GRANO                                   | GRUB SCREW                           |
| 4       | 1650/903          | INGRANAGGIO IN TEFLON 40 DENTI          | TEFLON GEAR - 40 TEETH               |
| 5       | M6x10G            | GRANO                                   | GRUB SCREW                           |
| 6       | 1650/904          | BUSSOLA                                 | BUSHING                              |
| 7       | M5x10BC           | BRUGOLA                                 | ALLEN SCREW                          |
| 8       | 1650/905          | ALBERO COMPLETO                         | UPPER SHAFT CPL                      |
| 9       | M6x8G             | GRANO                                   | GRUB SCREW                           |
| 10      | M8x10G            | GRANO                                   | GRUB SCREW                           |
| 11      | 17149160          | SPESSORE                                | THRUST WASHER                        |
| 12      | 481/A             | BIELLA BARRA AGO                        | NEEDLE BAR CONNECTING LINK CPL       |
| 13      | TORRINGTONB59     | CUSCINETTO INTERNO BIELLA               | LOWER BEARING                        |
| 14      | TORRINGTONB57     | CUSCINETTO INTERNO TIRAFILO             | TAKE-UP BEARING                      |
| 15      | S38/A             | TIRAFILO                                | TAKE-UP CPL                          |
| 16      | PAP0812P10        | CUSCINETTO INTERNO BIELLINO             | TAKE-UP CRANK BEARING                |
| 17      | S17/A             | BIELLINO                                | TAKE-UP BEARING                      |
| 18      | M5x6G             | GRANO                                   | GRUB SCREW                           |
| 19      | 1650/929          | PERNO TIRAFILO                          | TAKE-UP HINGE STUD                   |
| 20      | PF134089          | STOPPINO                                | WICK                                 |
| 21      | 17239274          | BUSSOLA BARRA AGO                       | UPPER NEEDLER BAR BUSHING            |
| 22      | 608ZZOE           | CUSCINETTO INTERNO BIELLA               | UPPER BEARING                        |
| 23      | 1650/049          | MORSETTO BARRA AGO                      | NEEDLE BAR CLAMP                     |
| 24      | 1650/123          | VITE MORSETTO BARRA AGO                 | SCREW                                |
| 25      | 17239629          | BARRA AGO COMPLETA                      | NEEDLE BAR CPL                       |
| 26      | 17239628          | PASSAFILO BARRA AGO                     | THREAD GUIDE                         |
| 27      | 17201143          | VITE FISSA PASSAFILO                    | THREAD GUIDE SCREW                   |
| 28      | 17200125          | VITE FISSA AGO                          | NEEDLE SET SCREW                     |
| 29      | 17239273          | BUSSOLA BARRA AGO                       | NEEDLEBAR BUSHING (LOWER)            |
| 30      | CAT. 1955 o 134MR | AGO                                     | NEEDLE                               |
| 31      | 17350955          | VITE FISSA MOLLA INTERNA SCATOLA BOBINA | ANTI-SPL SPRING SCREW                |
| 32      | 17509004          | MOLLA INTERNA SCATOLA BOBINA            | ANTI-SPL SPRING                      |
| 33      | 17530188          | MOLLA ESTERNA SCATOLA BOBINA            | BOBBIN CASE TENSION SPRING           |
| 34      | 17350953          | VITE FISSA MOLLA ESTERNA SCATOLA BOBINA | BOBBIN CASE TENSION SPRING SET SCREW |
| 35      | 17350954          | VITE TENSIONE FILO SCATOLA BOBINA       | BOBBIN CASE TENSION THREAD SCREW     |
| 36      | 17239728          | SCATOLA BOBINA COMPLETA                 | BOBBIN CASE CPL                      |
| 37      | 17239729EV        | SPOLENA                                 | BOBBIN                               |
| 38      | 17350951          | VITE                                    | SCREW                                |
| 39      | 17350950          | VITE                                    | SCREW                                |
| 40      | 17350926          | VITE                                    | SCREW                                |
| 41      | 17239727          | CROCHET COMPLETO TIPO 'S'               | ROTATING HOOK CPL TYPE 'S'           |
| 42      | 1650/906          | CROCHET COMPLETO TIPO 'H'               | ROTATING HOOK CPL TYPE 'H'           |
| 43      | 1650/907          | SCATOLA BOBINA COMPLETA                 | BOBBIN CASE CPL                      |
| 44      | 1650/908          | MOLLA INTERNA SCATOLA BOBINA            | ANTI-SPL SPRING                      |
| 45      | 1650/909          | BOCCOLA                                 | BUSHING                              |
| 46      | M4x6G             | GRANO                                   | GRUB SCREW                           |
| 47      | 17000691          | VITE FISSA PLACCA                       | NEEDLE PLATE SET SCREW               |
| 48      | 1650/011-1        | PLACCA AGO PER PESANTE                  | NEEDLE PLATE (HEAVY WORK)            |
|         | 1650/011-2        | PLACCA AGO PER LEGGERO                  | NEEDLE PLATE (LIGHT WORK)            |
|         | 1650/011-1TC      | PLACCA AGO PER PESANTE TAGLIO COITO     | NEEDLE PLATE (HEAVY WORK) SHORT CUT  |
|         | 1650/011-2TC      | PLACCA AGO PER LEGGERO TAGLIO COITO     | NEEDLE PLATE (LIGHT WORK) SHORT CUT  |
| 49      | 1650/910          | ALBERINO COMPLETO                       | SHAFT CPL                            |
| 50      | 1650/911          | BOCCOLA                                 | BUSHING                              |
| 51      | M6x20G            | GRANO                                   | GRUB SCREW                           |
| 52      | 1650/912          | SEGHER                                  | ELASTIC RING                         |
| 53      | 1650/913          | BOCCOLA ALBERO CINGHIA                  | BELT SHAFT BUSHING                   |
| 54      | 1650/914          | ATTACCO PISTONCINO                      | PISTON HOLDER                        |
| 55      | 1650/915          | INGRANAGGIO 10 DENTI                    | GEAR - 10 TEETH                      |
| 56      | 6005ZZ            | CUSCINETTO                              | BALL BEARING                         |

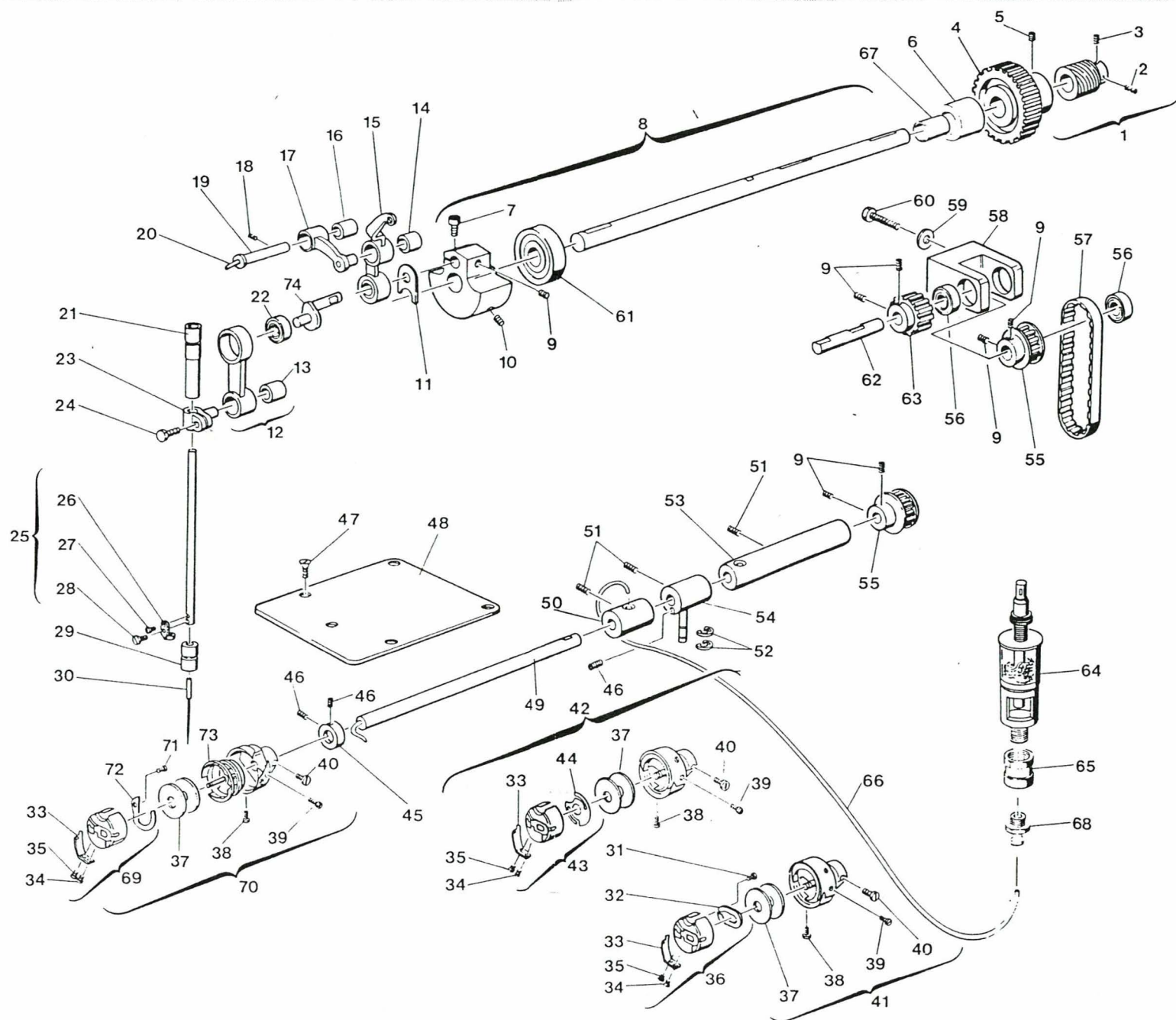


# Meccanismi di cucitura

## Sewing mechanism

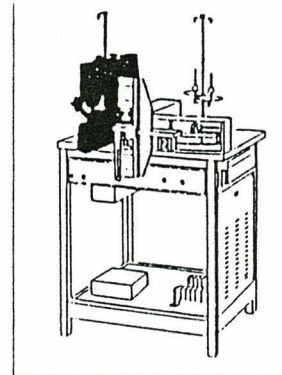


| N.<br>pos. | Codice.       | Denominazione                | Description          |
|------------|---------------|------------------------------|----------------------|
| 57         | 150L050       | CINGHIA DENTATA              | TOOTHED BELT         |
| 58         | 1650/714      | SUPPORTO INGRANAGGIO CINGHIA | BELT GEAR BRACKET    |
| 59         | RONDELLA 6x24 | RONDELLA MAGGIORATA ø 6      | WASHER               |
| 60         | M6x35B        | BRUGOLA                      | ALLEN SCREW          |
| 61         | 6203ZZ        | CUSCINETTO                   | BALL BEARING         |
| 62         | 1650/916      | PERNO                        | ROD                  |
| 63         | 1650/917      | INGRANAGGIO 20 DENTI         | GEAR - 20 TEETH      |
| 64         | OLIATORE 703  | OLIATORE                     | OILER                |
| 65         | A3 1/8        | PROLUNGA                     | EXTENSION            |
| 66         | 3814-7        | TUBO                         | PIPE                 |
| 67         | PAP0814P10    | BUSSOLA                      | BUSHING              |
| 68         | M01AV4        | RACCORDO                     | FITTING              |
| 69         | 1650/519      | BOBINA CPL TIPO 'C'          | BOBBIN CASE TYPE 'C' |
| 70         | 1650/518      | CROCHET COMPLETO TIPO 'C'    | ROTARY HOOK TYPE 'C' |
| 71         | 1650/520      | VITE                         | SCREW                |
| 72         | 1650/521      | MOLLA INTERNA SCATOLA BOBINA | ANTI-SPL SPRING      |
| 73         | 1650/574      | CESTELLO                     | ROTATING HOOK        |
| 74         | 481/B         | MANOVELLINO                  | NEEDLE BAR KRANK     |



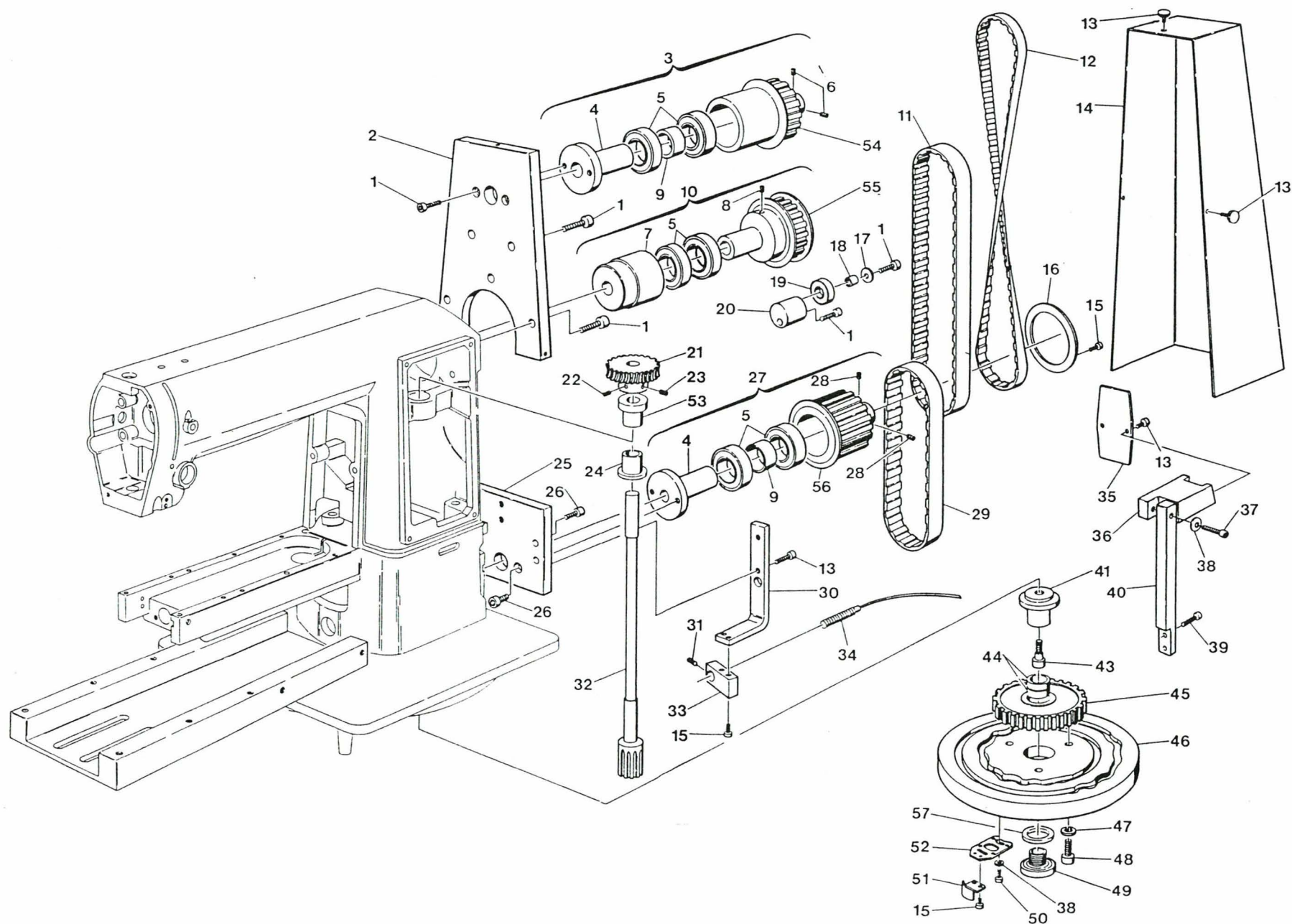
# Meccanismi trasmissioni e camme

## Feed camm and sewing motion parts

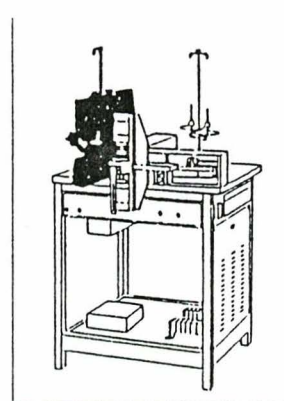


| N. pos. | Codice.        | Denominazione                            | Description                              |
|---------|----------------|------------------------------------------|------------------------------------------|
| 1       | M6x20BC        | BRUGOLA                                  | ALLEN SCREW                              |
| 2       | 1650/043       | STAFFA                                   | BRACKET                                  |
| 3       | 22L02 - 1      | VOLANTINO SUPERIORE COMPLETO             | UPPER TOOTHED WHEEL CPL                  |
| 4       | 1650/038       | SUPPORTO                                 | BALL BEARING SLEEVE                      |
| 5       | 6005ZZ         | CUSCINETTO                               | BALL BEARING SLEVE                       |
| 6       | M6x12G         | GRANO                                    | GRUB SCREW                               |
| 7       | 125TE          | BOCCOLA                                  | BUSHING                                  |
| 8       | M6x20G         | GRANO                                    | GRUB SCREW                               |
| 9       | 1650/150       | DISTANZIALE                              | SPACER                                   |
| 10      | 22L02 - 2      | VOLANTINO CENTRALE COMPLETO              | ARM SHAFT TOOTHED WHEEL CPL              |
| 11      | 285L075        | CINGHIA DENTATA                          | TOOTHED BELT                             |
| 12      | 367L050        | CINGHIA DENTATA                          | TOOTHED BELT                             |
| 13      | GMZP22M410     | POMOLO                                   | PULL                                     |
| 14      | 1650/003       | CARTER COPRICINGHIA                      | BELT COVER                               |
| 15      | M3x5V          | VITE                                     | SCREW                                    |
| 16      | 1650/042       | ANELLO                                   | RING                                     |
| 17      | RONDELLA6      | RONDELLA ø 6                             | WASHER                                   |
| 18      | 1650/151       | DISTANZIALE                              | SPACER                                   |
| 19      | 6000ZZ         | CUSCINETTO                               | BALL BEARING                             |
| 20      | 1650/919       | TIRACINGHIA                              | BELT TIGHTENER                           |
| 21      | 17413018       | INGRANAGGIO A 28 PUNTI                   | WORM WHELL 28 STITCHES                   |
|         | 17413022       | INGRANAGGIO A 36 PUNTI                   | WORM WHELL 36 STITCHES                   |
|         | 17413014       | INGRANAGGIO A 42 PUNTI                   | WORM WHELL 42 STITCHES                   |
| 22      | 17141408       | GRANO                                    | GRUB SCREW                               |
| 23      | 17141407       | GRANO                                    | GRUB SCREW                               |
| 24      | 650/012        | BUSSOLA                                  | BUSHING                                  |
| 25      | 1650/920       | STAFFA                                   | BRACKET                                  |
| 26      | UNF            | BRUGOLA 6,2x15,5                         | ALLEN SCREW                              |
| 27      | 22L03          | VOLANTINO INFERIORE                      | LOWER TOOTHED WHEEL                      |
| 28      | M6x6G          | GRANO                                    | GRUB SCREW                               |
| 29      | 255L075        | CINGHIA DENTATA                          | TOOTHED BELT                             |
| 30      | 1650/036       | LEVA PORTA SENSORE                       | SENSORE BRACKET HOLDER                   |
| 31      | M3x4G          | GRANO                                    | GRUB SCREW                               |
| 32      | ALBEROZ15      | ALBERO                                   | VERTICAL SHAFT                           |
| 33      | 1650/037       | BLOCCO PORTA SENSORE                     | SENSOR BRACKET                           |
| 34      | NPNN0          | SENSORE NORMALMENTE APERTO               | SENSOR N.O.                              |
| 35      | 1650/040       | DIVISORIO CINGHIA                        | BELT SEPARATOR                           |
| 36      | 1650/921       | SUPPORTO                                 | ECCETTRINC BUSHING                       |
| 37      | M6x30B         | BRUGOLA                                  | ALLEN SCREW                              |
| 38      | RONDELLA6      | RONDELLA ø 6                             | WASHER                                   |
| 39      | M6x12BC        | BRUGOLA                                  | ALLEN SCREW                              |
| 40      | 1650/922       | STAFFA                                   | HOLDER PLATE                             |
| 41      | 650/008        | SUPPORTO                                 | ECCENTRIC BUSHING                        |
| 42      | M3x5           | VITE                                     | SCREW                                    |
| 43      | M10x30BC       | BRUGOLA                                  | ALLEN SCREW                              |
| 44      | PAP2515P10     | CUSCINETTO                               | BALL BEARING                             |
| 45      | 650/008        | INGRANAGGIO                              | GEAR                                     |
| 46      | 1650/052       | CAMME A 28 PUNTI MODIFICATA              | MODIFIED CAMM. (28 STITCHES)             |
|         | 1650/053       | CAMME A 36 PUNTI MODIFICATA              | MODIFIED CAMM. (36 STITCHES)             |
|         | 1650/054       | CAMME A 42 PUNTI MODIFICATA              | MODIFIED CAMM. (42 STITCHES)             |
|         | 1650/057       | CAMME A 28 PUNTI BARETTATRICE MODIFICATA | MODIFIED CAMM. (28 STITCHES) STRIGHT BAR |
| 47      | RONDELLA 6x18M | RONDELLA                                 | WASHER                                   |
| 48      | UNF 1/4x20B    | BRUGOLA                                  | ALLEN SCREW                              |
| 49      | 650/009        | VITE FISSA CAMME                         | RETAINING CAMM SCREW                     |
| 50      | 17140352       | VITE                                     | SCREW                                    |
| 51      | 116TE          | AZIONAMENTO ARRESTO                      | STOP CAMM                                |
| 52      | 17413066       | SETTORE                                  | STOP CAMM PLATE                          |
| 53      | BOC13x18x23    | BOCCOLA                                  | BUSHING                                  |
| 54      | 22L02          | VOLANTINO SUPERIORE                      | UPPER TOOTHED WHEEL                      |
| 55      | 22L02-3        | VOLANTINO CENTRALE                       | ARM SHAFT TOOTHED WHEEL                  |
| 56      | 22L03-1        | VOLANTINO INFERIORE                      | LOWER TOOTHED WHEEL                      |
| 57      | PAW26P10       | RONDELLA                                 | WASHER                                   |



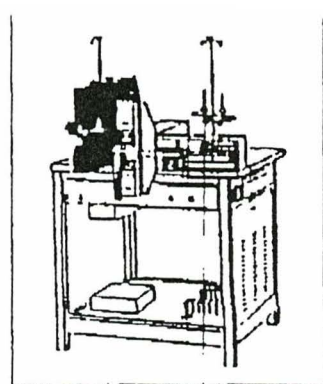


# Testa aggiunta Auxiliary head



| N.<br>pos. | Codice.             | Denominazione                           | Description                    |
|------------|---------------------|-----------------------------------------|--------------------------------|
| 1          | M5x4VB              | VITE                                    | SCREW                          |
| 2          | 1650/001            | CARTER COPRICINGHIA                     | BELT COVER                     |
| 3          | M6x35BC             | BRUGOLA                                 | ALLEN SCREW                    |
| 4          | M6x20BT             | BRUGOLA TORNITA                         | ALLEN SCREW                    |
| 5          | M4x10G              | GRANO                                   | GRUB SCREW                     |
| 6          | 17167163            | BLOCCO TENSIONE                         | TENSION GROUP CPL              |
| 7          | 124ATE              | PORTA ANELLO APRITENSIONE               | 'O' RING PISTON                |
| 8          | 17543411            | GRUPPO TENSIONE                         | TENSION GROUP CPL              |
| 9          | 124BTE              | ANELLO APRITENSIONE                     | 'O' RING                       |
| 10         | 124L050             | CINGHIA DENTATA                         | TOOTHED BELT                   |
| 11         | 1650/045            | DISTANZIALE                             | SPACER                         |
| 12         | 6203ZZ              | CUSCINETTO                              | BALL BEARING                   |
| 13         | 12L01               | VOLANTINO                               | TOOTHED WHEEL                  |
| 14         | M6x8G               | GRANO                                   | GRUB SCREW                     |
| 15         | 12267               | ALBERO                                  | SHAFT                          |
| 16         | 1650/200            | ECCENTRICO TIRAFILO                     | NEEDLE BAR CRANK SHAFT         |
| 17         | M6x6G               | GRANO                                   | GRUB SCREW                     |
| 18         | M5x15BC             | BRUGOLA                                 | ALLEN SCREW                    |
| 19         | TORRINGTONB57       | CUSCINETTO INTERNO TIRAFILO             | TAKE-UP BEARING                |
| 20         | 538/A               | TIRAFILO                                | TAKE-UP BEARING                |
| 21         | 517/A               | BIELLINO                                | TAKE-UP                        |
| 22         | PAP0812P10          | CUSCINETTO INTERNO BIELLINO             | CRANK BEARING                  |
| 23         | M5x6G               | GRANO                                   | GRUB SCREW                     |
| 24         | 1650/929            | PERNO                                   | TAKE-UP HINGE STUD             |
| 25         | PF134089            | STOPPINO                                | WICK                           |
| 26         | 17239274            | BOCCOLA BARRA AGO                       | UPPER NEEDLE BAR BUSHING       |
| 27         | 1650/575            | CARTER                                  | FRONT PLATE                    |
| 28         | M6x4                | VITE                                    | SCREW                          |
| 29         | 1650/123            | VITE ESAGONALE                          | SCREW                          |
| 30         | 17493552001         | MORSETTO                                | NEEDLE BAR CLAMP               |
| 31         | 481/A               | BIELLA                                  | NEEDLE BAR CRANK LINK          |
| 32         | TORRINGTONB59       | CUSCINETTO INTERNO BIELLA               | LOWER BEARING                  |
| 33         | 17149160            | SPESSORE                                | THRUST WASHER                  |
| 34         | 101TE               | GANCIO PIGLIAFILO                       | THREAD PICKER                  |
| 35         | PAPO510P10          | BOCCOLA                                 | BUSHING                        |
| 36         | 1650/980            | LAMETTA                                 | BOBBIN THREAD RETAINING SPRING |
| 37         | 650/001             | MOLLA RIPARO FILO                       | THREAD GUARD SPRING            |
| 38         | NPNNC               | SENSORE NORMALMENTE CHIUSO              | SENSOR N.C.                    |
| 39         | 17201143            | VITE FISSA PASSAFILO                    | THREAD GUIDE SCREW             |
| 40         | 17200125            | VITE FISSA AGO                          | NEEDLE SET SCREW               |
| 41         | 17239629            | BARRA AGO COMPLETA                      | NEEDLE BAR CPL                 |
| 42         | 17239628            | PASSAFILO BARRA AGO                     | NEEDLE THREAD GUIDE            |
| 43         | 17239273            | BUSSOLA BARRA AGO                       | LOWER NEEDLE BAR BUSHING       |
| 44         | CAT. 1955 o 134CLMR | AGO                                     | NEEDLE                         |
| 45         | 6500 4 1/8          | RACCORDO                                | ELBOW                          |
| 46         | 16/20               | PISTONE                                 | CYLINDER                       |
| 47         | M3x4G               | GRANO                                   | GRUB SCREW                     |
| 48         | 107TE               | ATTACCO SENSORE                         | SENSOR BRACKET                 |
| 49         | 109TE               | PARACOLPI                               | SHOCK ABSORBER                 |
| 50         | 108TE               | DADO                                    | NUT                            |
| 51         | M3x6GP              | GRANO                                   | GRUB SCREW                     |
| 52         | 1650/048            | SUPPORTO ECCITAZIONE SENSORE MODIFICATO | MODIFIED SENSING BOLT SUPPORT  |
| 53         | WFF20               | FORCELLA ANTERIORE CON CLIPS            | FRONT FORK WITH CLIPS          |
| 54         | 17239727            | CROCHET COMPLETO TIPO 'S'               | ROTATING HOOK CPL TYPE 'S'     |
| 55         | 113TE               | DISTANZIALE COMANDO COLTELLO            | SPACER                         |
| 56         | 103TE               | LEVA GANCIO                             | LEVERAGE                       |
| 57         | M5x6G               | GRANO                                   | GRUB SCREW                     |
| 58         | M3x5VC              | VITE                                    | SCREW                          |
| 59         | 17540760            | CONTROCOLTELLO                          | KNIFE                          |
| 60         | M3x10BC             | BRUGOLA                                 | ALLEN SCREW                    |
| 61         | M3x20BC             | BRUGOLA                                 | ALLEN SCREW                    |

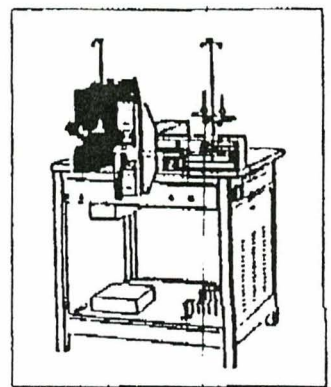
# Testa aggiunta Auxiliary head



| N. pos. | Codice       | Denominazione                           | Description                             |
|---------|--------------|-----------------------------------------|-----------------------------------------|
| 62      | R3           | RONDELLA                                | WASHER                                  |
| 63      | 1151E        | SUPPORTO COLTELLO FISSO                 | KNIFE BRACKET                           |
| 64      | M3x168C      | BRUCOLA                                 | ALLEN SCREW                             |
| 65      | M4xM1 4UQ    | RACCORDO                                | ELBOW FITTING                           |
| 66      | 650/024      | PASSAFILO                               | THREAD GUIDE                            |
| 67      | 1650/081     | FERMACESTELLO COMPLETO                  | RETAINING FINGER CPL                    |
| 68      | 121 02       | VOLANTINO                               | TOOTHED WHEEL                           |
| 69      | 1650/016     | STAFFA FISSAGGIO                        | BFARING HOLDER PLATE                    |
| 70      | M3x5VC       | VITE                                    | SCREW                                   |
| 71      | 650/023      | PASSAFILO                               | THREAD GUIDE                            |
| 72      | 1111E        | SUPPORTO GANCIO RIGUARFILLO             | THREAD PICKER BRACKET                   |
| 73      | 1650/124     | FERMACESTELLO                           | RETAINING FINGER                        |
| 74      | 17000691     | VITE FISSA PIACCA AGO                   | NEEDLE PLATE SET SCREW                  |
| 75      | 1650/011-1   | PIACCA AGO PER PESANTE                  | NEEDLE PLATE HEAVY WORK                 |
|         | 1650/011-2   | PIACCA AGO PER LEGGERO                  | NEEDLE PLATE LIGHT WORK                 |
|         | 1650/011-1TC | PIACCA AGO PER PESANTE TAGLIO CORTO     | NEEDLE PLATE (HEAVY WORK) SHORT CUT     |
|         | 1650/011-2TC | PIACCA AGO PER LEGGERO TAGLIO CORTO     | NEEDLE PLATE (LIGHT WORK) SHORT CUT     |
| 76      | 1650/572     | COPRI TESTA INFERIORE                   | SHOCK ABSORBER                          |
| 77      | 12L03        | PIGNONE DENTATO                         | TOOTHED WHEEL                           |
| 78      | B0008x12x16  | BOCCOLA                                 | BUSHING                                 |
| 79      | 1650/020     | BUSSOLA                                 | SLEEVE                                  |
| 80      | M6x20G       | GRANO                                   | GRUB SCREW                              |
| 81      | M8x5G        | GRANO                                   | GRUB SCREW                              |
| 82      | 24L          | VOLANTINO                               | TOOTHED WHEEL                           |
| 83      | B0006x22     | SUBSINE LIT                             | BALL BEARING                            |
| 84      | 1650/021     | BUSSOLA                                 | BUSHING                                 |
| 85      | M8x12G       | GRANO                                   | GRUB SCREW                              |
| 86      | M6x25D       | FIADO                                   | NUT                                     |
| 87      | R24          | RONDELLA                                | WASHER                                  |
| 88      | 1650/019     | STRUTTURA TESTA AUSILIARIA              | AUXILIARY HEAD BODY                     |
| 89      | 17350850     | VITE                                    | ALLEN SCREW                             |
| 90      | 17239729EV   | SPOLINA                                 | BOBBIN                                  |
| 91      | 1650/908     | MOLLA INTERNA SCATOLA BOBINA TIPO 'H'   | ANTI-SPL SPRING TYPE 'H'                |
| 92      | 17350964     | VITE FISSA MOLLA ESTERNA SCATOLA BOBINA | BOBBIN CASE TENSION SPRING SET SCREW    |
| 93      | 17350963     | VITE FISSA MOLLA ESTERNA SCATOLA BOBINA | BOBBIN CASE TENSION SPRING SET SCREW    |
| 94      | 17330108     | MOLLA ESTERNA SCATOLA BOBINA            | BOBBIN CASE TENSION SPRING              |
| 95      | 1650/907     | SCATOLA BOBINA COMPLETA TIPO 'H'        | BOBBIN CASE CPL                         |
| 96      | 1650/906     | CROCHET COMPLETO TIPO 'H'               | ROTATING HOOK CPL TYPE 'H'              |
| 97      | STAR0612018  | MANICOTTO                               | ROD                                     |
| 98      | 1650/202     | SUPPORTO                                | CYLINDER HOLDER                         |
| 99      | 1650/201     | PERNO PORTA RASAFILO                    | PICKER CYLINDER HINGE CPL               |
| 100     | 1650/203     | ALBERINO CROCHET                        | HOOK SHAFT                              |
| 101     | 17000742     | VITE FERMACESTELLO                      | RETAINING FINGER SCREW                  |
| 102     | M6x12GP      | GRANO A PUNTA                           | GRUB SCREW POINTED                      |
| 103     | 17350955     | VITE FISSA MOLLA INTERNA                | ANTI-SPL SPRING SCREW                   |
| 104     | 17509004     | MOLLA INTERNA SCATOLA BOBINA            | ANTI-SPL SPRING                         |
| 105     | 17239728     | SCATOLA BOBINA COMPLETA TIPO 'C'        | BOBBIN CASE CPL                         |
| 106     | 1650/999     | TESTA AGGIUNTA                          | AUXILIARY HEAD                          |
| 107     | 1650/518     | CROCHET COMPLETO 'C'                    | ROTATING HOOK CPL TYPE 'C'              |
| 108     | R3B          | RONDELLA BOMBATA                        | CONVEX WASHER                           |
| 109     | 1650/519     | SCATOLA BOBINA COMPLETA TIPO 'C'        | BOBBIN CASE CPL TYPE 'C'                |
| 110     | 1650/520     | VITE FISSAGGIO MOLLA INTERNA            | ANTI-SPL SPRING SCREW                   |
| 111     | 1650/521     | MOLLA INTERNA SCATOLA BOBINA TIPO 'C'   | ANTI-SPL SPRING                         |
| 112     | 1650/574     | CESTELLO TIPO 'C'                       | ROTATING HOOK TYPE 'C'                  |
| 113     | M4x8BL       | BULLONE                                 | BOLT                                    |
| 114     | R4B          | RONDELLA BOMBATA                        | CONVEX WASHER                           |
| 115     | 1650/580     | ALBERO INFERIORE MODIFICATO             | MODIFIED LOWER SHAFT                    |
| 116     | 1650/579     | MANICOTTO MODIFICATO                    | MODIFIED SLEEVE                         |
| 117     | 1650/578     | ALBERO SUP. MODIFICATO                  | MODIFIED UPPER SHAFT                    |
| 118     | 1650/047     | BOCCOLA FISSAGGIO RITENITORE CESTELLO   | BOBBIN CASE BASKET RETAINING FINGER CPL |
| 119     | SS           | SEGHER # 5                              | ELASTIC RING                            |

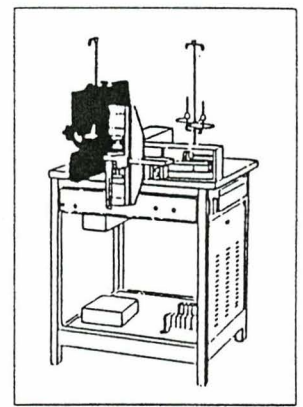


# Testa aggiunta Auxiliary head

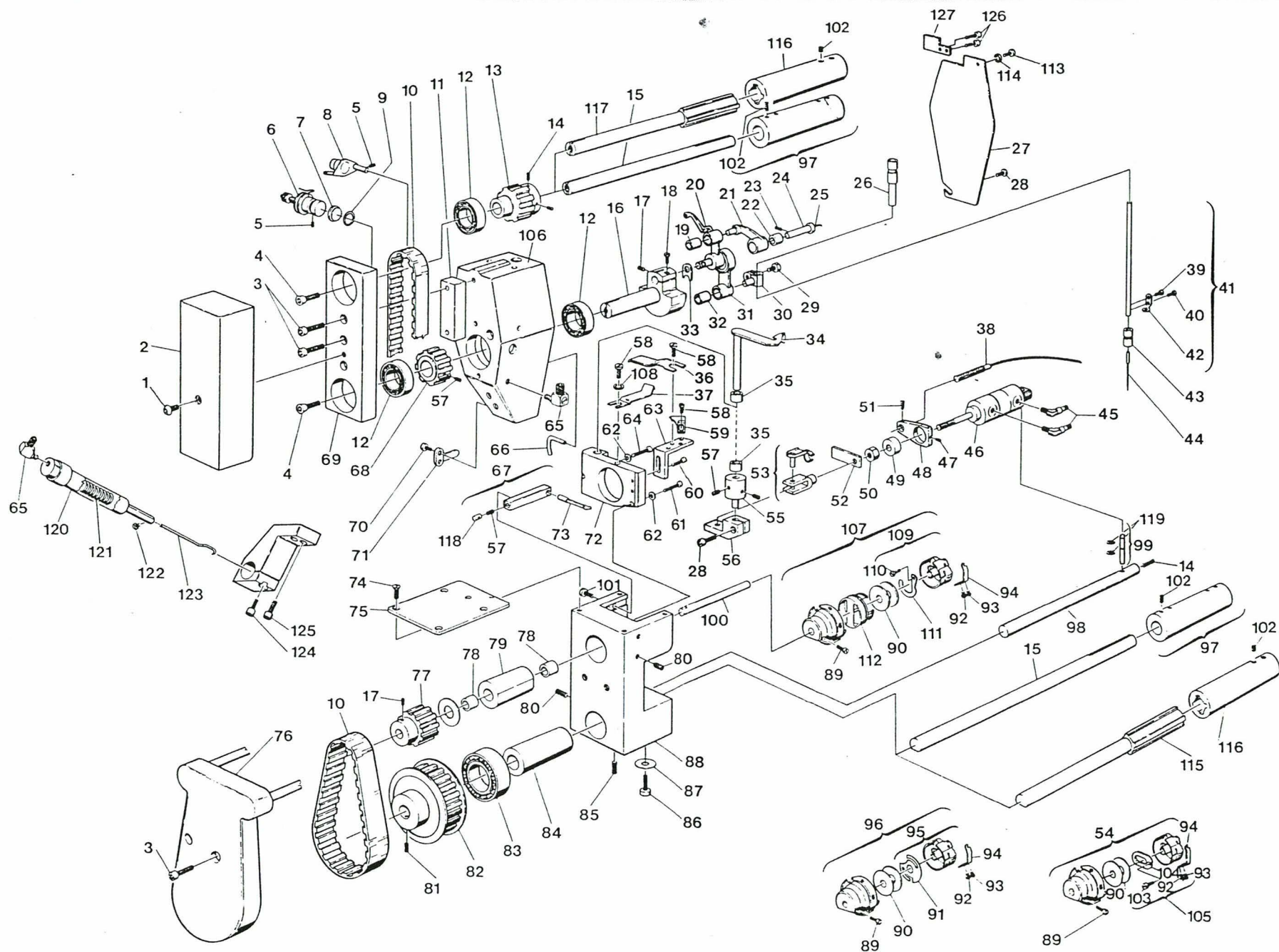


| N. pos. | Codice       | Denominazione                           | Description                              |
|---------|--------------|-----------------------------------------|------------------------------------------|
| 62      | R3           | RONDELLA                                | WASHER                                   |
| 63      | 1151E        | SUPPORTO COLTELLO FISSO                 | KNIFE BRACKET                            |
| 64      | M3x168C      | BRUGOLA                                 | ALLEN SCREW                              |
| 65      | M4xH1 4UQ    | RACCORDO                                | ELBOW FITTING                            |
| 66      | 650/024      | PASSAFILO                               | THREAD GUIDE                             |
| 67      | 1650/081     | FERMACESTELLO COMPLETO                  | RETAINING FINGER CPL                     |
| 68      | 121 02       | VOLANTINO                               | TOOTHED WHEEL                            |
| 69      | 1650/016     | STAFFA FISSAGGIO                        | BFARING HOLDER PLATE                     |
| 70      | M3x5VC       | VITE                                    | SCREW                                    |
| 71      | 650/023      | PASSAFILO                               | THREAD GUIDE                             |
| 72      | 1111E        | SUPPORTO GANCIO RIGUARFILO              | THREAD PICKER BRACKET                    |
| 73      | 1650/124     | FERMACESTELLO                           | RETAINING FINGER                         |
| 74      | 17000691     | VITE FISSA PIACCA AGO                   | NEEDLE PLATE SET SCREW                   |
| 75      | 1650/011-1   | PIACCA AGO PER PESANTE                  | NEEDLE PLATE HEAVY WORK                  |
|         | 1650/011-2   | PIACCA AGO PER LEGGERO                  | NEEDLE PLATE LIGHT WORK                  |
|         | 1650/011-1TC | PIACCA AGO PER PESANTE TAGLIO CORTO     | NEEDLE PLATE (HEAVY WORK) SHORT CUT      |
|         | 1650/011-2TC | PIACCA AGO PER LEGGERO TAGLIO CORTO     | NEEDLE PLATE (LIGHT WORK) SHORT CUT      |
| 76      | 1650/572     | COPRI TESTA INFERIORE                   | SHOCK ABSORBER                           |
| 77      | 12103        | PIGNONE DENTATO                         | TOOTHED WHEEL                            |
| 78      | B0C08x12x1b  | BOCCOLA                                 | BUSHING                                  |
| 79      | 1650/020     | BUSSOLA                                 | SLEEVE                                   |
| 80      | M6x20G       | GRANO                                   | GRUB SCREW                               |
| 81      | M8x5G        | GRANO                                   | GRUB SCREW                               |
| 82      | 24L          | VOLANTINO                               | TOOTHED WHEEL                            |
| 83      | B0006x24     | SUBSCINELLO                             | BALL BEARING                             |
| 84      | 1650/021     | BUSSOLA                                 | BUSHING                                  |
| 85      | M8x12G       | GRANO                                   | GRUB SCREW                               |
| 86      | M8x25G       | DADO                                    | NUT                                      |
| 87      | R24          | RONDELLA                                | WASHER                                   |
| 88      | 1650/019     | STRUTTURA TESTA AUSILIARIA              | AUXILIARY HEAD BODY                      |
| 89      | 17350850     | VITE                                    | ALLEN SCREW                              |
| 90      | 17239729EV   | SPOLINA                                 | BOBBIN                                   |
| 91      | 1650/908     | MOLLA INTERNA SCATOLA BOBINA TIPO 'H'   | ANTI-SPL SPRING TYPE 'H'                 |
| 92      | 17350964     | VITE FISSA MOLLA ESTERNA SCATOLA BOBINA | BOBBIN CASE TENSION SPRING SET SCREW     |
| 93      | 17350963     | VITE FISSA MOLLA ESTERNA SCATOLA BOBINA | BOBBIN CASE TENSION SPRING SET SCREW     |
| 94      | 17330108     | MOLLA ESTERNA SCATOLA BOBINA            | BOBBIN CASE TENSION SPRING               |
| 95      | 1650/907     | SCATOLA BOBINA COMPLETA TIPO 'H'        | BOBBIN CASE CPL                          |
| 96      | 1650/906     | CROCHET COMPLETO TIPO 'H'               | ROTATING HOOK CPL TYPE 'H'               |
| 97      | STAR0612016  | MANICOTTO                               | ROD                                      |
| 98      | 1650/202     | SUPPORTO                                | CYLINDER HOLDER                          |
| 99      | 1650/201     | PERNO PORTA RASAFILO                    | PICKER CYLINDER HINGE CPL                |
| 100     | 1650/203     | ALBERINO CROCHET                        | HOOK SHAFT                               |
| 101     | 17000742     | VITE FERMACESTELLO                      | RETAINING FINGER SCREW                   |
| 102     | M6x12GP      | GRANO A PUNTA                           | GRUB SCREW POINTED                       |
| 103     | 17350955     | VITE FISSA MOLLA INTERNA                | ANTI-SPL SPRING SCREW                    |
| 104     | 17509004     | MOLLA INTERNA SCATOLA BOBINA            | ANTI-SPL SPRING                          |
| 105     | 17239728     | SCATOLA BOBINA COMPLETA TIPO 'S'        | BOBBIN CASE CPL                          |
| 106     | 1650/999     | TESTA AGGIUNTA                          | AUXILIARY HEAD                           |
| 107     | 1650/518     | CROCHET COMPLETO 'C'                    | ROTATING HOOK CPL TYPE 'C'               |
| 108     | R3B          | RONDELLA BOMBATA                        | CONVEX WASHER                            |
| 109     | 1650/519     | SCATOLA BOBINA COMPLETA TIPO 'C'        | BOBBIN CASE CPL TYPE 'C'                 |
| 110     | 1650/520     | VITE FISSAGGIO MOLLA INTERNA            | ANTI-SPL SPRING SCREW                    |
| 111     | 1650/521     | MOLLA INTERNA SCATOLA BOBINA TIPO 'C'   | ANTI-SPL SPRING                          |
| 112     | 1650/574     | CESTELLO TIPO 'C'                       | ROTATING HOOK TYPE 'C'                   |
| 113     | M4x88L       | BULLONE                                 | BOLT                                     |
| 114     | R4B          | RONDELLA BOMBATA                        | CONVEX WASHER                            |
| 115     | 1650/580     | ALBERO INFERIORE MODIFICATO             | MODIFIED LOWER SHAFT                     |
| 116     | 1650/579     | MANICOTTO MODIFICATO                    | MODIFIED SLEEVE                          |
| 117     | 1650/578     | ALBERO SUP. MODIFICATO                  | MODIFIED UPPER SHAFT                     |
| 118     | 1650/047     | BOCCOLA FISSAGGIO RITENITORE CESTELLO   | BOBBIN CASE BASKET RETAINING FINGER DRUM |
| 119     | SS           | SEGHER # 5                              | ELASTIC RING                             |

# Testa aggiunta Auxiliary head



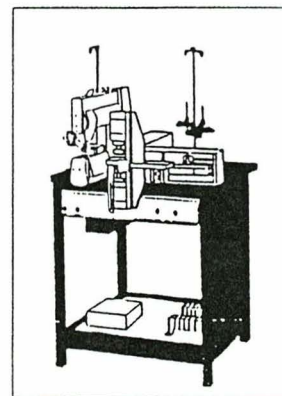
| N.<br>pos. | Codice.  | Denominazione                     | Description                |
|------------|----------|-----------------------------------|----------------------------|
| 120        | 10/30    | PISTONE A STELO ESAGONALE         | SIX SIDE STEM CYLINDER     |
| 121        | 1650/116 | MOLLA INTERNA PISTONE             | INSIDE SPRING              |
| 122        | M3x5V    | VITE                              | SCREW                      |
| 123        | 1650/111 | PIGLIAFILO                        | THREAD WIPER               |
| 124        | M4x10B   | BRUGOLA                           | ALLEN SCREW                |
| 125        | M4x25VC  | VITE CILINDRICA                   | SCREW                      |
| 126        | M4x8BL   | BULLONE                           | BOLT                       |
| 127        | 1650/310 | SQUADRA RIFERIMENTO CAMBIO RAPIDO | FAST CHANGE REFERENCE FLAG |



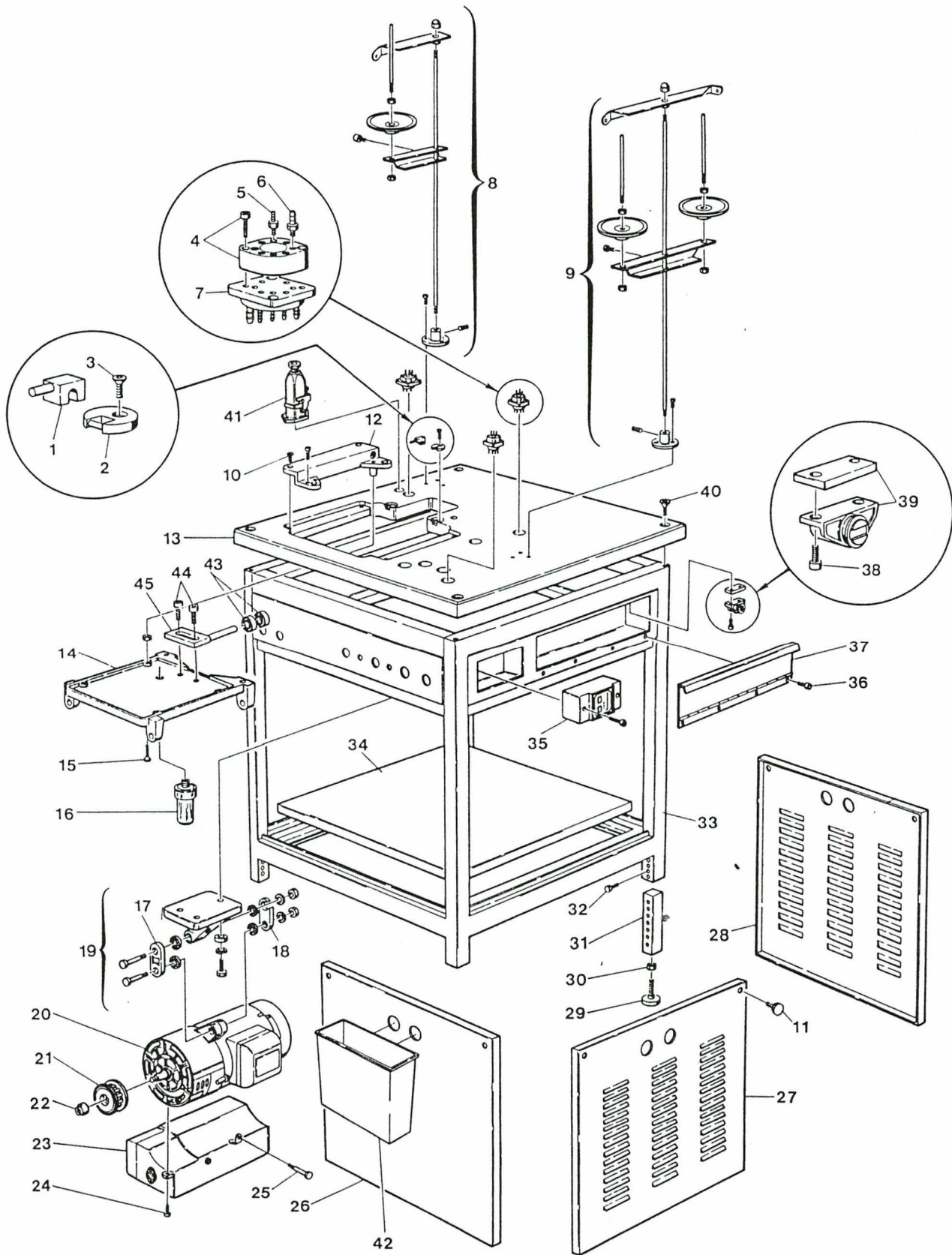


# Sostegno e motore

## Stand and motor

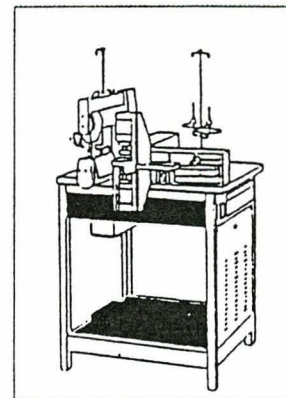


| N.<br>pos. | Codice.           | Denominazione                     | Description             |
|------------|-------------------|-----------------------------------|-------------------------|
| 1          | 17012361          | CERNIERA                          | HINGE PIN               |
| 2          | 17044139          | PIASTRA                           | HINGE                   |
| 3          | -                 | VITE AUTOFILETTANTE               | SELF THREADING SCREW    |
| 4          | R811              | CONNETTORE CLIPPARD               | OCTOPORT                |
| 5          | 11752-3           | RACCORDO DRITTO                   | BARB                    |
| 6          | 11752-2           | RACCORDO DRITTO                   | BARB                    |
| 7          | R111              | ATTACCO CONNETTORE                | OCTOPORT BASE           |
| 8          | 1650/500          | PORTASPOLE A UN POSTO             | THREAD UNWINDER 1 CONE  |
| 9          | 1650/501          | PORTASPOLE A DUE POSTI            | THREAD UNWINDER 2 CONE  |
| 10         | -                 | VITE AUTOFILETTANTE               | SELF THREADING SCREW    |
| 11         | GMVP222M630       | VITE TESTA ZIGRINATA VPZ/22M6x30  | SCREW                   |
| 12         | 17228865/17228809 | SUPPORTO MACCHINA SINISTRO/DESTRO | HEAD BRACKET LEFT/RIGHT |
| 13         | 937031/1650       | TAVOLO COMPLETO DI CASSETTO       | TABLE WITH DRAWER CPL   |
| 14         | 17228785          | BACINELLA                         | DRIP PAN                |
| 15         | 17201308          | VITE                              | SCREW                   |
| 16         | 17167448          | BICCHIERE                         | GLASS                   |
| 17         | LR1103629         | STAFFA                            | HOLDER                  |
| 18         | LR1200025         | STAFFA CON INTAGLIO               | CUTTER HOLDER           |
| 19         | LR1200008         | STAFFA COMPLETA FISSAGGIO MOTORE  | BELT TIGHTENER CPL      |
| 20         | VD7428B30         | MOTORE EFKA HP1                   | EFKA MOTOR              |
| 21         | 1650/505          | PULEGGIA 50 HZ                    | PULLEY 50 HZ            |
|            | 1650/515          | PULEGGIA 60 HZ                    | PULLEY 60 HZ            |
| 22         | LR6/365           | DADO FISSA PULEGGIA               | NUT                     |
| 23         | 8B30Y1M           | PANNELLO EFKA MODIFICATO          | CONTROL BOX             |
| 24         | M5X25             | VITE FISSA PANNELLO EFKA          | CONTROL BOX SET SCREW   |
| 25         | LR13/714          | VITE FISSA PANNELLO EFKA          | CONTROL BOX SET SCREW   |
| 26         | 1650/506          | CARTER ANTERIORE                  | FRONT PANELL            |
| 27         | 1650/507          | CARTER LATERALE                   | SIDE PANELL             |
| 28         | 1650/508          | CARTER POSTERIORE                 | REAR PANELL             |
| 29         | 1650/509          | PIEDINO IN GOMMA                  | RUBBER FOOT             |
| 30         | 1650/510          | DADO FISSA PIEDINO                | NUT                     |
| 31         | 1650/511          | CORPO PIEDINO                     | ADJ. FOOT HOLDER        |
| 32         | M8x15BL           | BULLONE                           | BOLT                    |
| 33         | TA3659            | SOSTEGNO A BANCATA                | STAND                   |
| 34         | TA3553            | PIASTRA APPARECCHIATURA           | BOTTOM PANELL           |
| 35         | M012              | INTERRUTTORE TERMICO              | AUTOMATIC SWITCH        |
| 36         | M5x15B            | BRUGOLA                           | ALLEN SCREW             |
| 37         | 1650/512          | SPORTELLINO                       | FLIP COVER              |
| 38         | M4x10V            | VITE                              | SCREW                   |
| 39         | 1650/513          | CALAMITA COMPLETA                 | MAGNET CPL              |
| 40         | 1650/514          | VITE                              | SCREW                   |
| 41         | CNK03/IVV         | CONNETTORE                        | CONNECTOR               |
| 42         | 1650/598          | RECIPIENTE                        | FRONT BOX               |
| 43         | 6000ZZ            | CUSCINETTO                        | BALL BEARING            |
| 44         | M6x15B            | BRUGOLA                           | ALLEN SCREW             |
| 45         | 1650/318          | TENDI CINGHIA                     | BELT TIGHTENER          |



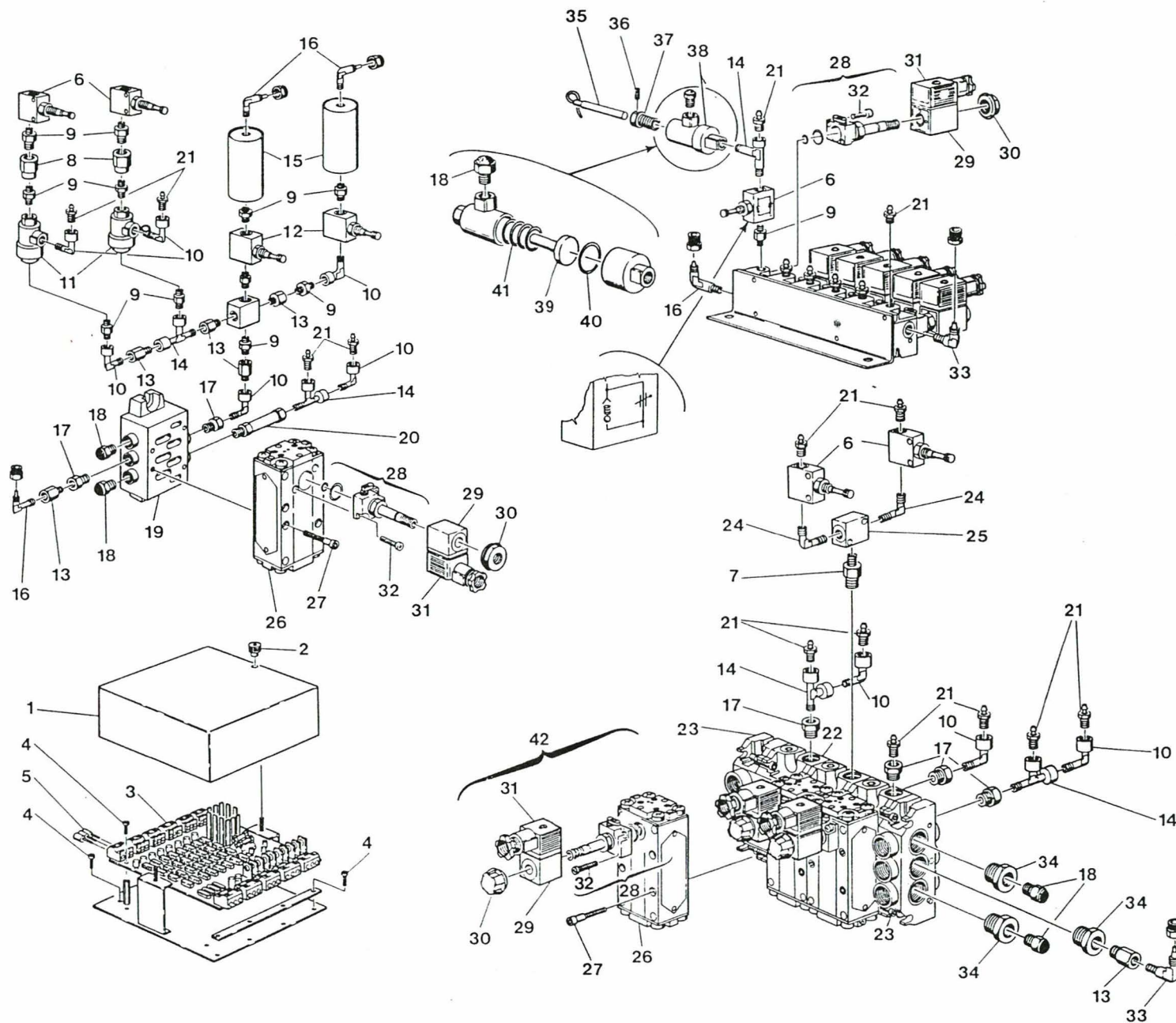
# Valvole elettropneumatiche

## Electropneumatic valves

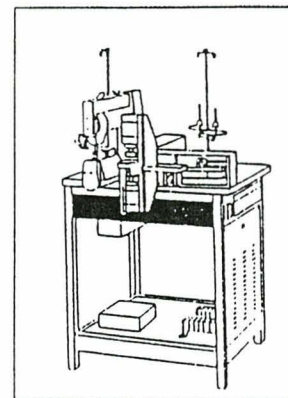


| N.<br>pos. | Codice.         | Denominazione              | Description                |
|------------|-----------------|----------------------------|----------------------------|
| 1          | 03TTAGLIO       | SCATOLA PORTA SCHEDA       | PRINTED CIRCUIT BOX        |
| 2          | 1650/068        | POMOLO                     | SERRATED NUT               |
| 3          | SCHEDA 1650EV-1 | SCHEDA ELETTRONICA         | PRINTED BOARD CPL          |
| 4          | M4x10B          | BRUGOLA                    | ALLEN SCREW                |
| 5          | 00151           | CAPOCORDA                  | WIRE TERMINAL              |
| 6          | RFU482          | VALVOLA REGOLATORE         | ELECTROPNEUMATIC VALVE     |
| 7          | A2 1/8-1/4      | RACCORDO                   | NIPPLES                    |
| 8          | A4 1/8-3/8      | RACCORDO                   | CONNECTION                 |
| 9          | A2 1/8-1/8      | RACCORDO                   | NIPPLES                    |
| 10         | A10 3/8-1/8     | RACCORDO                   | ELBOW                      |
| 11         | FD3/8           | SCARICO RAPIDO             | QUICK EXHAUST              |
| 12         | RFU482-02       | VALVOLA REGOLATORE         | ELECTROPNEUMATIC VALVE     |
| 13         | A5 1/8-1/8      | PROLUNGA PICCOLA           | SHORT EXTENSION            |
| 14         | A13 1/8-1/8     | RACCORDO A "T"             | FITTING                    |
| 15         | P27F            | POLMONCINO                 | AIR CAPACITOR              |
| 16         | C5 6/4-1/8      | RACCORDO CURVA             | ELBOW FITTING              |
| 17         | A4 1/8-1/4      | RIDUZIONE                  | REDUCER                    |
| 18         | SR4             | SILENZIATORE A RETE        | NET MUFFLER                |
| 19         | BAS4            | BASE SINGOLA               | SINGLE BASE                |
| 20         | 2525 1/8-3/8    | PROLUNGA LUNGA             | LONG EXTENSION             |
| 21         | M-01AU-6        | RACCORDO                   | ELBOW                      |
| 22         | BAM4            | BASE MODULARE              | MODULATE BASE              |
| 23         | MA1             | TAPPO CHIUSURA             | PLUG                       |
| 24         | A15 1/8         | RACCORDO                   | ELBOW                      |
| 25         | Rx8             | RIPARTITORE                | 4 WAY CONN.                |
| 26         | EA5MH6          | ELETTROVALVOLA             | ELECTROPNEUMATIC VALVE     |
| 27         | M5x30B          | BRUGOLA                    | ALLEN SCREW                |
| 28         | PA16            | PILOTA                     | PILOT                      |
| 29         | SA12            | BOBINA                     | BOBBIN                     |
| 30         | 1650/050        | DADO FISSAGGIO BOBINA      | BOBBIN NUT SETTING         |
| 31         | CA1             | CONNETTORE                 | CONNECTOR                  |
| 32         | 1650/576        | VITE                       | SCREW                      |
| 33         | C5 8/6-1/8      | RACCORDO                   | ELBOW FITTING              |
| 34         | A4 3/8-1/8      | RIDUZIONE                  | REDUCER                    |
| 35         | NPNNO           | SENSORE NORMALMENTE APERTO | SENSOR NORMALY OPEN        |
| 36         | M3x5G           | GRANO                      | GRUB SCREW                 |
| 37         | 1650/527        | BOCCOLA FISSAGGIO SENSORE  | BUSHING SENSOR FIXED       |
| 38         | 1650/353        | PISTONE COMPLETO           | QUICK EXHAUST CPL          |
| 39         | 1650/055        | PISTONCINO                 | PISTON                     |
| 40         | D1056           | GUARNIZIONE                | "O" RING                   |
| 41         | 1650/056        | MOLLA                      | SPRING                     |
| 42         | CEASMH6         | ELETTROVALVOLA COMPLETA    | ELECTROPNEUMATIC VALVE CPL |

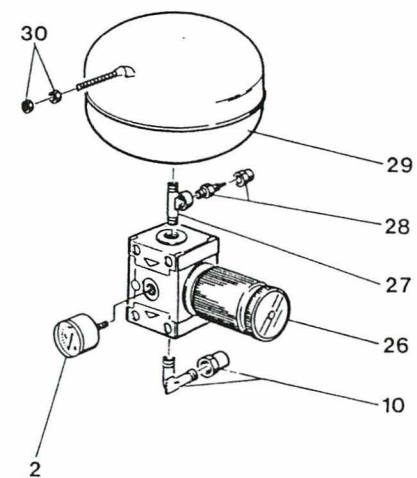
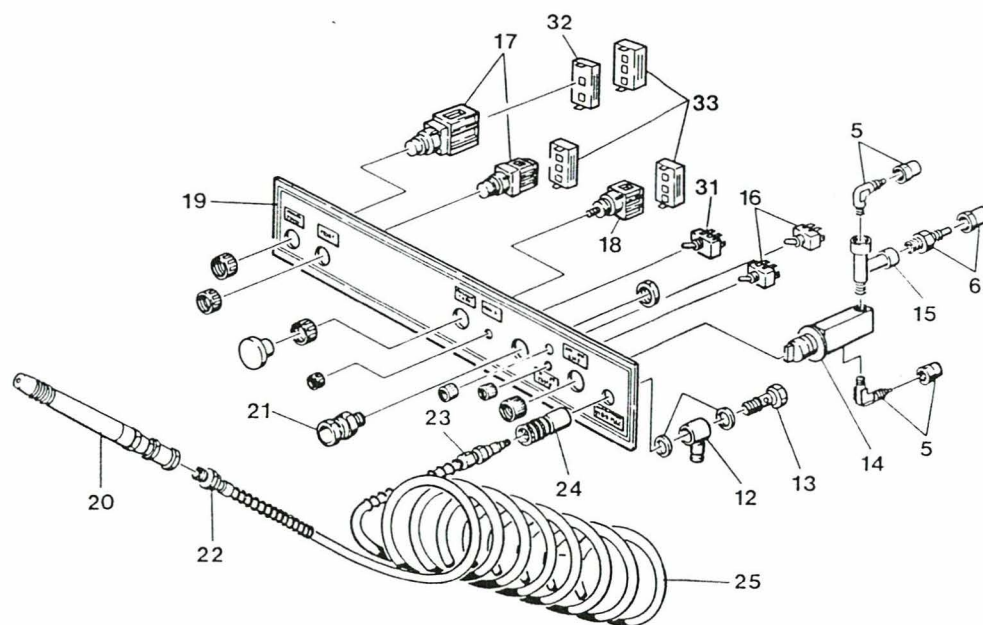
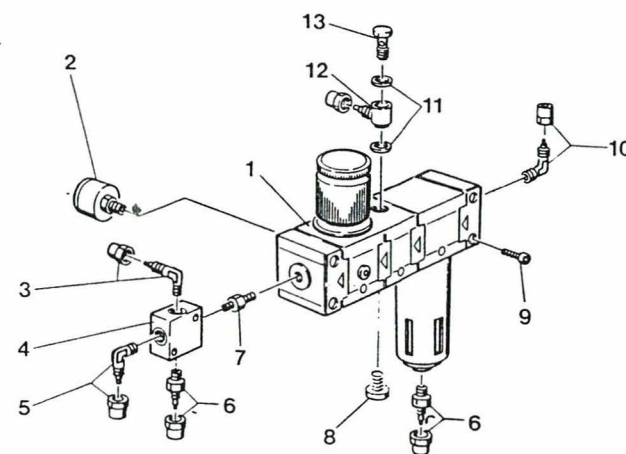
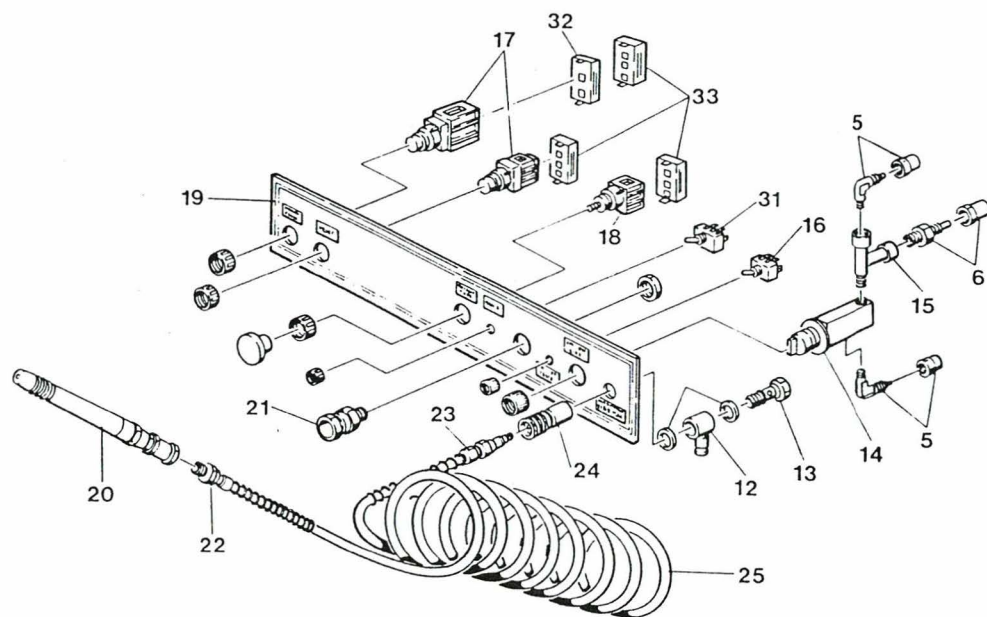




# Controlli pneumatici ed interruttori Pneumatic controls and switches



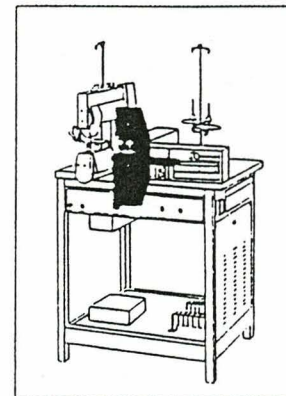
| N.<br>pos. | Codice.        | Denominazione                | Description                |
|------------|----------------|------------------------------|----------------------------|
| 1          | F+PA+R114      | RACCORDO MW F+PA+R114 1/4    | PRESSURE RIDUCTION         |
| 2          | MM0/6          | MANOMETRO                    | MANOMETER                  |
| 3          | C5 6/4-1/8     | RACCORDO                     | ELBOW FITTING              |
| 4          | Rx8            | RIPARTITORE                  | 4 WAY CONN.                |
| 5          | C5 8/6-1/8     | RACCORDO                     | ELBOW FITTING              |
| 6          | C1 8/6-1/8     | RACCORDO                     | NIPPLES FITTING            |
| 7          | A2 1/4-1/8     | RACCORDO                     | CONNECTION                 |
| 8          | TTE8           | TAPPO                        | PLUG                       |
| 9          | M5x15BC        | BRUGOLA                      | ALLEN SCREW                |
| 10         | C5 8/6-1/4     | RACCORDO                     | ELBOW FITTING              |
| 11         | D11 1/4        | RONDELLA                     | WASHER                     |
| 12         | R13 6-1/4      | RACCORDO                     | ELBOW FITTING              |
| 13         | D7 1/4-17      | RACCORDO                     | ELBOW FITTING              |
| 14         | EVM430-01F-34G | VALVOLA MECCANICA C/PULSANTE | AIR SWITCH                 |
| 15         | A13 1/8-1/8    | RACCORDO A T                 | NIPPLES CONNECTION         |
| 16         | SI-F1          | INTERRUTTORE                 | SWITCH                     |
| 17         | RM010          | PULSANTE                     | PUSH BUTTON                |
| 18         | RM050          | PULSANTE                     | PUSH BUTTON                |
| 19         | MASCHERINA1650 | PANNELLO FRONTALE            | FRONT PANEL                |
| 20         | R0715          | PISTOLA SOFFIATRICE ARIA     | AIR PISTOL                 |
| 21         | PRESS-CAVO     | PASSACAVO 3/4                | CABLE RETAINER             |
| 22         | 50 6/4-1/4     | RACCORDO                     | NIPPLES                    |
| 23         | MW17           | RACCORDO                     | ELBOW FITTING              |
| 24         | 04 1/4         | RACCORDO                     | ELBOW FITTING              |
| 25         | TR64           | SPIRALE                      | PLASTIC SPIRAL TUBE        |
| 26         | RG14           | GRUPPO REGOLATORE MWR114 1/4 | PRESSURE REDUCER 1/4 (114) |
| 27         | A17 1/4-1/4    | RACCORDO "T"                 | FITTING                    |
| 28         | C1 8/6-1/4     | RACCORDO                     | NIPPLES FITTING            |
| 29         | 01TTAGLIO      | SERBATOIO                    | RESERVOIR                  |
| 30         | M10D           | DADO                         | NUT                        |
| 31         | T215P-A        | INTERRUTTORE A 3 POSIZIONI   | 3 WAY SWITCH               |
| 32         | VA0            | CONTATTO                     | CONTACT                    |
| 33         | V50            | CONTATTO                     | CONTACT                    |





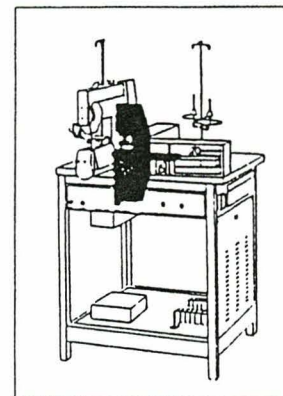
# Gruppo taglio passanti

## Loop cutting ass.

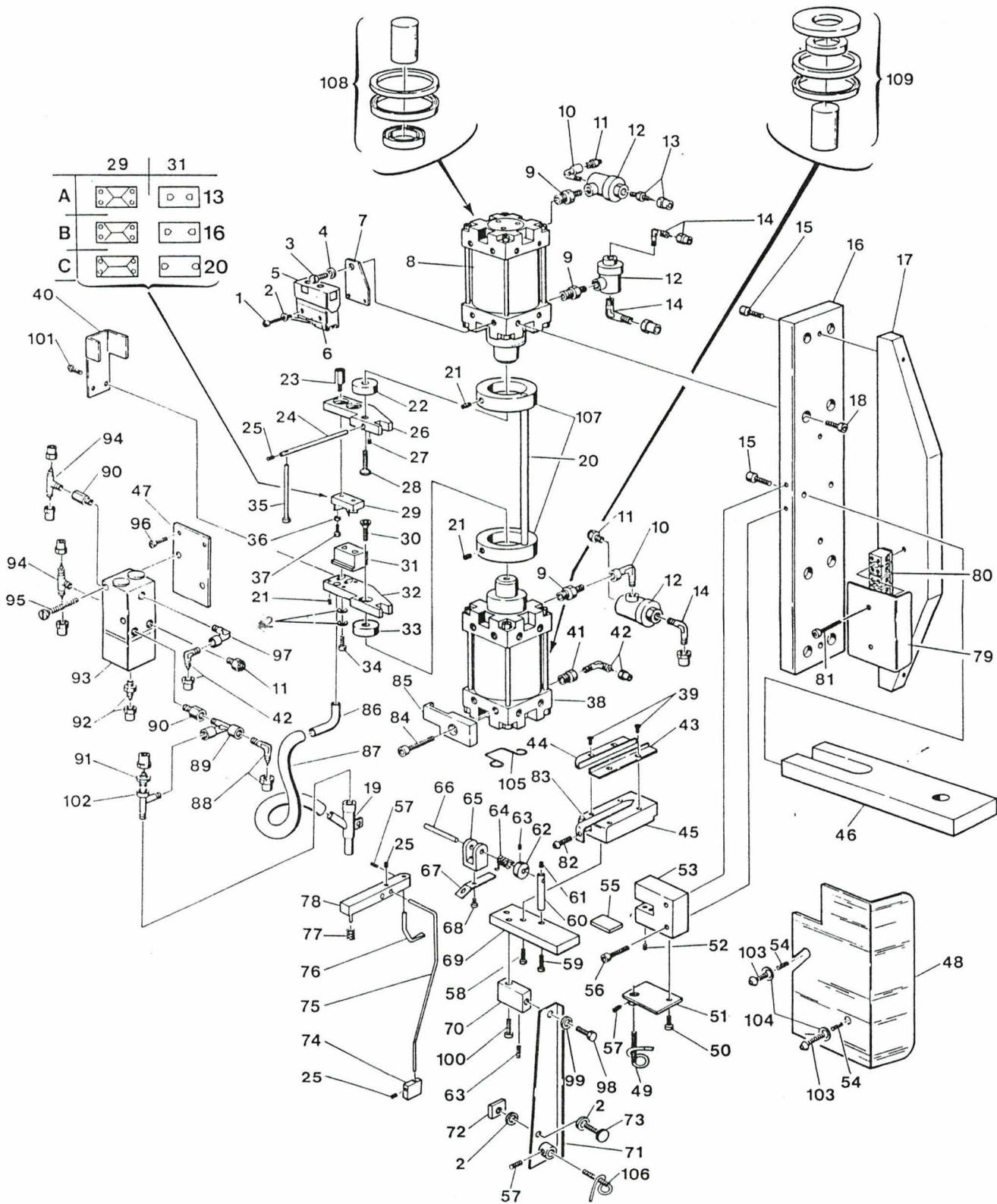


| N. pos. | Codice.          | Denominazione                       | Description                    |
|---------|------------------|-------------------------------------|--------------------------------|
| 1       | M4x20BB          | BRUGOLA BOMBATA                     | CONVEX ALLEN SCREW             |
| 2       | R4               | RONDELLA ø 4                        | WASHER                         |
| 3       | M8x16BB          | BRUGOLA BOMBATA                     | CONVEX ALLEN SCREW             |
| 4       | R8               | RONDELLA ø 8                        | WASHER                         |
| 5       | CP4              | COPRIMICRO                          | MICROSWITCH COVER              |
| 6       | C25AZP           | MICRO COMPLETO                      | MICROSWITCH CPL                |
| 7       | 1650/712         | STAFFA FISSAGGIO                    | MICROSWITCH HOLDER             |
| 8       | 80/15-15         | CILINDRO SUPERIORE IN VULCROM       | UPPER CYLINDER CPL             |
| 9       | A2 1/4-3/8       | NIPPLES                             | NIPPLES                        |
| 10      | A10 1/4-1/4      | CURVA                               | ELBOW                          |
| 11      | SR4              | SILENZIATORE                        | MUFFLER                        |
| 12      | FD3/8            | SCARICO RAPIDO                      | QUICK EXHAUST                  |
| 13      | C1 6/8-1/4       | RACCORDO                            | ELBOW FITTING                  |
| 14      | C5 8/6-1/8       | RACCORDO                            | ELBOW FITTING                  |
| 15      | M8x25BC          | BRUGOLA                             | ALLEN SCREW                    |
| 16      | 1650/830         | STAFFA PORTA CILINDRI               | CYLINDER HOLDER PLATE          |
| 17      | 1650/831         | LAMA                                | STIFFENING PLATE               |
| 18      | M8x20BC          | BRUGOLA                             | ALLEN SCREW                    |
| 19      | 1650/573         | ASPIRATORE VENTURI                  | VENTURI SACKER                 |
| 20      | 1650/800         | GUIDA PER CILINDRI TAGLIO           | CYLINDERS GUIDE                |
| 21      | M6x20GP          | GRANO A PUNTA                       | POINTED GRUB SCREW             |
| 22      | 1650/801         | RONDELLA DISTANZIALE SUPERIORE      | UPPER SPACER                   |
| 23      | 1650/996         | VITE ESAGONALE FISSA FUSTELLA       | DIE CUTTER SETTING SCREW       |
| 24      | 1650/807         | PORTA LETTORE                       | SENSOR BOLT SUPPORT            |
| 25      | M4x6G            | GRANO                               | GRUB SCREW                     |
| 26      | 1650/802         | STAFFA PORTA FUSTELLA               | PUNCH HOLDER                   |
| 27      | M4x5G            | GRANO                               | GRUB SCREW                     |
| 28      | 1650/803         | BRUGOLA SVASATA SUPERIORE           | UPPER COUNTER SUNK ALLEN SCREW |
| 29      | 13TTAGLIO-13     | FUSTELLA COMPLETA DI BLOCCETTO (13) | PUNCH CPL (13)                 |
|         | 13TTAGLIO-16     | FUSTELLA COMPLETA DI BLOCCETTO (16) | PUNCH CPL (16)                 |
|         | 13TTAGLIO-20     | FUSTELLA COMPLETA DI BLOCCETTO (20) | PUNCH CPL (20)                 |
| 30      | 1650/804         | BRUGOLA SVASATA INFERIORE           | UPPER COUNTER SUNK ALLEN SCREW |
| 31      | 05TTAGLIO A (13) | MARTELLO CON ASPIRAZIONE (13)       | SUCKER HAMMER (13)             |
|         | 05TTAGLIO A (16) | MARTELLO CON ASPIRAZIONE (16)       | SUCKER HAMMER (16)             |
|         | 05TTAGLIO A (20) | MARTELLO CON ASPIRAZIONE (20)       | SUCKER HAMMER (20)             |
| 32      | 1650/805         | STAFFA PORTA MARTELLO               | HAMMER HOLDER                  |
| 33      | 1650/806         | RONDELLA INFERIORE DISTANZIALE      | LOWER SPACER                   |
| 34      | M4x25BL          | BULLONE                             | BOLT                           |
| 35      | 1650/808         | LETTORE PER SENSORE                 | SENSOR BOLT                    |
| 36      | M4D              | DADO                                | NUT                            |
| 37      | M4x12BL          | BULLONE                             | BOLT                           |
| 38      | 80/15-15-1       | CILINDRO INFERIORE CON VULCOLAM     | LOWER CYLINDER CPL             |
| 39      | M4x5V            | VITE                                | SCREW                          |
| 40      | 02TTAGLIO        | PROTEZIONE FUSTELLA                 | PUNCH GUARD                    |
| 41      | A4 3/8-1/8       | RIDUZIONE                           | REDUCTION                      |
| 42      | C5 8/6-1/8       | RACCORDO                            | ELBOW FITTING                  |
| 43      | 1650/828         | GUIDA DESTRA                        | RIGHT GUIDE                    |
| 44      | 1650/829         | GUIDA SINISTRA                      | LEFT GUIDE                     |
| 45      | 1650/827         | SCORRITOIA PASSANTE                 | LOOP GUIDE BASE                |
| 46      | 10TTAGLIO        | STAFFA FISSA TAGLIO "V" COMPLETA    | CUT. ASS. HOLDER PLATE         |
| 47      | 1650/713         | PIASTRA PORTA ELETTROVALVOLA        | ELECTROVALVE HOLDER PLATE      |
| 48      | 1650/820 S       | CARTER TAGLIO                       | HAND PROTECTION                |
| 49      | NPNN0            | SENSORE N.O                         | SENSOR N.O.                    |
| 50      | M6x15BC          | BRUGOLA                             | ALLEN SCREW                    |
| 51      | 1650/824         | LAMA PORTA SENSORE                  | SENSORE HOLDER                 |
| 52      | M6x15GP          | GRANO A PUNTA                       | POINTED GRUB SCREW             |
| 53      | 1650/826         | STAFFA A "U"                        | LOOP GUIDE ASS. HOLDER         |
| 54      | M8x10G           | GRANO                               | GRUB SCREW                     |
| 55      | 1650/825         | LAMA DISTANZIALE                    | SPACER                         |
| 56      | M6x30BC          | BRUGOLA                             | ALLEN SCREW                    |

# Gruppo taglio passanti Loop cutting ass.

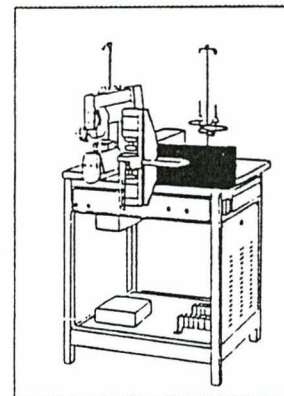


| N.<br>pos. | Codice.     | Denominazione                  | Description                          |
|------------|-------------|--------------------------------|--------------------------------------|
| 57         | M3x5GP      | GRANO A PUNTA                  | POINTED GRUB SCREW                   |
| 58         | M5x15BC     | BRUGOLA                        | RIGHT GUIDE                          |
| 59         | M4x25BC     | BRUGOLA                        | ALLEN SCREW                          |
| 60         | 1650/818    | DISTANZIALE CILINDRICO         | SPACER                               |
| 61         | M6x5G       | GRANO                          | GRUB SCREW                           |
| 62         | 1650/816    | REGISTRO MOLLA                 | BLADE LOOP RETAINER                  |
| 63         | M3x5G       | GRANO                          | GRUB SCREW                           |
| 64         | 1650/815    | MOLLA                          | SPRING                               |
| 65         | 1650/814    | STAFFA A U                     | U SUPPORT                            |
| 66         | M4P         | PERNO                          | PIN                                  |
| 67         | 1650/817    | LAMA TENUTA PASSANTE           | BLADE LOOP RETAINER                  |
| 68         | M5x5BL      | BULLONE                        | BOLT                                 |
| 69         | 1650/819    | PIASTRA ALLUMINIO              | SPACER                               |
| 70         | 1650/487    | QUADRO                         | SQUIRE BLOCK                         |
| 71         | 1650/488    | LAMA PORTA SENSORE             | SENSOR HOLDER                        |
| 72         | M4D         | DADO QUADRATO                  | NUT                                  |
| 73         | GMZP22M410  | POMOLO                         | SERRATED NUT                         |
| 74         | 1650/813    | LETTORE SENSORE                | SENSOR ACTIVATOR                     |
| 75         | 1650/812M   | LEVA MOVIMENTO SCARTAPASSANTE  | DEFECTIVE LOOP ARM                   |
| 76         | 1650/811    | TASTATORE                      | SEAM DETECTOR                        |
| 77         | 1650/810    | MOLLA                          | SPRING                               |
| 78         | 1650/809    | LEVA                           | HOLDER                               |
| 79         | 1650/950    | CARTER                         | COVER                                |
| 80         | 1650/965    | MORSETTIERA                    | LEAD TERMINAL                        |
| 81         | M3x25BB     | BRUGOLA                        | ALLEN SCREW                          |
| 82         | M3x5BC      | BRUGOLA                        | ALLEN SCREW                          |
| 83         | 1650/489    | LAMETTA PASSANTE               | LOOP SUPPORT                         |
| 84         | M8x20B      | BRUGOLA                        | ALLEN SCREW                          |
| 85         | 1650/490    | PASSAGGIO PASSANTE             | LOOP GUIDE                           |
| 86         | 1650/491    | TUBETTO IN PLASTICA            | PLASTIC PIPE                         |
| 87         | 1650/492    | TUBO IN GOMMA                  | PIPE                                 |
| 88         | C5 6/4-1/8  | RACCORDO                       | ELBOW FITTING                        |
| 89         | A13 1/8-1/8 | RACCORDO                       | 'T' FITTING                          |
| 90         | A5 1/8-1/8  | PROLUNGA                       | EXTENTION                            |
| 91         | C1 8/6-1/8  | RACCORDO                       | ELBOW                                |
| 92         | C1 6/4-1/8  | RACCORDO                       | FITTING                              |
| 93         | UKCA8/B     | ELETTROVALVOLA                 | ELECTROVALVE                         |
| 94         | C7 8/6-1/8  | RACCORDO                       | 'T' FITTING                          |
| 95         | M4x35V      | VITE                           | SCREW                                |
| 96         | M4x10BC     | BRUGOLA                        | ALLEN SCREW                          |
| 97         | A10 1/8-1/8 | RACCORDO                       | ELBOW FITTING                        |
| 98         | M5x20BL     | BULLONE                        | BOLT                                 |
| 99         | R5          | RONDELLA ø 5                   | WASHER                               |
| 100        | M5x30B      | BRUGOLA                        | ALLEN SCREW                          |
| 101        | M4x10BL     | BULLONE                        | BOLT                                 |
| 102        | A18 1/8-1/8 | RACCORDO                       | 'T' FITTING                          |
| 103        | M8x10BBM    | BRUGOLA MODIFICATA             | MODIFIED ALLEN SCREW                 |
| 104        | R8B         | RONDELLA BOMBATA ø 8           | CONVEX WASHER                        |
| 105        | 1650/581    | PASSAGGIO                      | WIRE GUIDE                           |
| 106        | NPNNC       | SENSORE N.C.                   | SENSOR N.C.                          |
| 107        | 1650/970    | ANELLO                         | CYLINDER GUIDE RING                  |
| 108        | 1650/971    | KIT OR PER CILINDRO 80/15-15   | 'O' RING KIT FOR 80/15-15 CYLINDER   |
| 109        | 1650/972    | KIT OR PER CILINDRO 80/15-15-1 | 'O' RING KIT FOR 80/15-15-1 CYLINDER |



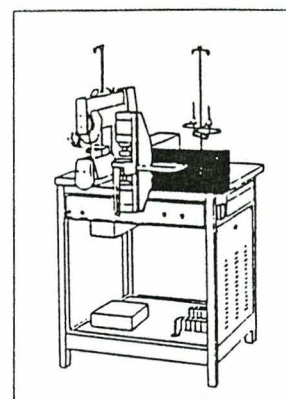


# Dispositivo caricatore Loop feeder ass.



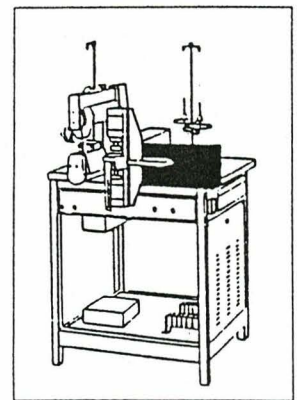
| N. pos. | Codice.    | Denominazione                    | Description                        |
|---------|------------|----------------------------------|------------------------------------|
| 1       | 1650/700   | GANCIO FERMA PASSANTE            | LOOP HOLDER HOOK                   |
| 2       | 1650/701   | BLOCCO PINZA MOBILE              | MOVABLE CLAMP BLOCK                |
| 3       | 1650/702   | LAMA PER GANCIO                  | LOOP HOLDER                        |
| 4       | 1650/703   | PERNO PISTONCINO                 | PISTON                             |
| 5       | OR 12      | OR 12                            | 'O' RING                           |
| 6       | 1650/704   | BLOCCO PINZA FISSO               | STEADY CLAMP BLOCK                 |
| 7       | 11752-2    | RACCORDO                         | NIPPLES                            |
| 8       | 1650/705   | PERNO 2x14                       | PIN                                |
| 9       | 15835/C    | PISTONCINO MANINE                | ROTATING PIN CYLINDER              |
| 10      | 1650/706   | MOLLA                            | SPRING                             |
| 11      | M4x6BC     | BRUGOLA                          | ALLEN SCREW                        |
| 12      | 1650/711   | PERNO POSIZIONAMENTO PINZA       | CLAMP SIDE POS. PIN                |
| 13      | 1650/710   | PERNO PORTA PINZA                | CLAMP POSITIONING PIN              |
| 14      | M4x6G      | GRANO                            | GRUB SCREW                         |
| 15      | 1650/709   | SUPPORTO PINZA                   | CLAMP SUPPORT                      |
| 16      | 1650/707   | RINFORZO LAMA GANCIO             | REINFORCING PLATE                  |
| 17      | PAP0303P10 | BUSSOLA                          | BUSHING                            |
| 18      | 1650/708   | SPINA 3x24                       | PIN                                |
| 19      | 1650/726   | ALBERO MANINE                    | ROTATING PIN SHAFT                 |
| 20      | 1650/727   | SUPPORTO MANINA                  | ROTATING PIN HOLDER                |
| 21      | M4x4G      | GRANO                            | GRUB SCREW                         |
| 22      | 1650/728   | SUPPORTO MANINA                  | ROTATING PIN HOLDER                |
| 23      | 1650/729   | SPINA ROTANTE FINE               | ROTATING PIN SMALL                 |
|         | 1650/729-1 | SPINA ROTANTE GROSSA             | ROTATING PIN BIG                   |
| 24      | 1650/730   | POSIZIONATORE PASSANTE DESTRO    | POSITIONING PLATE RIGHT            |
|         | 1650/730-1 | POSIZIONATORE PASSANTE SINISTRO  | POSITIONING PLATE LEFT             |
| 25      | 1650/731   | BOCCOLA                          | BUSHING                            |
| 26      | 1650/732   | SUPPORTO                         | ROTATING PIN SHAFT BRACKET         |
| 27      | M3x5VC     | VITE                             | SCREW                              |
| 28      | M5ALU4     | RACCORDO                         | NIPPLES FITTING                    |
| 29      | 1650/733   | LAMIERINO                        | SHEET PLATE                        |
| 30      | 1650/734   | CAPPUCCIO                        | COVER                              |
| 31      | M3x10B     | BRUGOLA                          | ALLEN SCREW                        |
| 32      | 1650/736   | RASAMENTO                        | PLAY RETAINER                      |
| 33      | 1650/737   | INGRANAGGIO                      | GEAR                               |
| 34      | 1650/738   | SUPPORTO                         | HOLDING PLATE                      |
| 35      | M4x10BC    | BRUGOLA                          | ALLEN SCREW                        |
| 36      | M4x15BC    | BRUGOLA                          | ALLEN SCREW                        |
| 37      | M6x5G      | GRANO                            | GRUB SCREW                         |
| 38      | M5x15BC    | BRUGOLA                          | ALLEN SCREW                        |
| 39      | M3x10BC    | BRUGOLA                          | ALLEN SCREW                        |
| 40      | 1650/725   | PIASTRA                          | PLATE                              |
| 41      | 1650/724   | PIASTRA PORTA MANINE             | ROTATING PIN PLATE BRACKET         |
| 42      | M4D        | DADO                             | NUT                                |
| 43      | 1650/493   | RIGA METRICA (CAMBIO RAPIDO)     | METRIC RULE (QUICK CHANGE)         |
| 44      | M3x5BB     | BRUGOLA (CAMBIO RAPIDO)          | ALLEN SCREW (QUICK CHANGE)         |
| 45      | 1650/494   | SUPPORTO                         | SUPPORT (QUICK CHANGE)             |
| 46      | 1650/495   | BARRA CON POMOLO (CAMBIO RAPIDO) | SERRATED HEAD SCREW (QUICK CHANGE) |
| 47      | M4x5BC     | BRUGOLA                          | ALLEN SCREW                        |
| 48      | R4         | RONDELLA DA 4                    | WASHER                             |
| 49      | 1650/496   | DADO GUIDA ROTONDO               | SQUARE NUT                         |
| 50      | 1650/722   | SUPPORTO                         | PIVOTING BRACKET                   |
| 51      | 1650/720   | SPINA 5x92                       | PIN                                |
| 52      | M4x5G      | GRANO                            | GRUB SCREW                         |
| 53      | 1650/721   | SUPPORTO                         | SIDE BRACKET                       |
| 54      | M10D       | DADO                             | NUT                                |
| 55      | 1650/719   | SUPPORTO                         | BRACKET PLATE                      |
| 56      | 1650/718   | SUPPORTO                         | BRACKET PLATE                      |
| 57      | 1650/717   | PERNO FISSAGGIO TAVOLA A 'V'     | OSCILLATING SETTING ROD            |
| 58      | 1650/716   | BARRA FILETTATA M 12x85          | THREADED ROD                       |
| 59      | R12        | RONDELLA ø 12 MAX                | WASHER                             |

# Dispositivo caricatore Loop feeder ass.



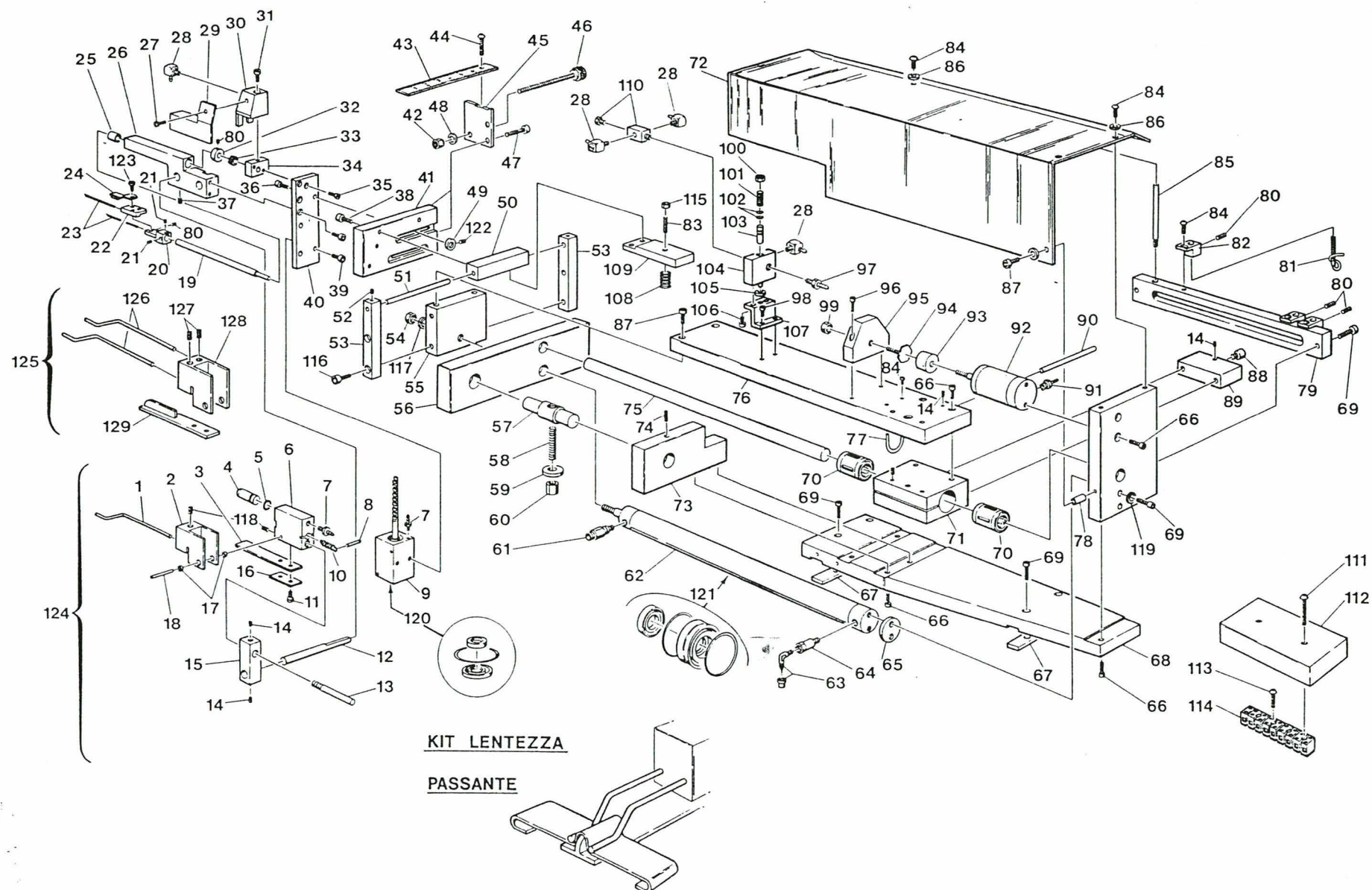
| N. pos. | Codice.      | Denominazione                      | Description                           |
|---------|--------------|------------------------------------|---------------------------------------|
| 60      | M12D         | DADO                               | NUT                                   |
| 61      | C1 8/6-1/8   | RACCORDO INNESTO RAPIDO            | QUICK CONN. FITTING                   |
| 62      | 25/200       | CILINDRO PER M/C 1650EV-1          | CYLINDER FOR M/C 1650EV-1             |
|         | 25/240       | CILINDRO PER M/C 1650EV-2          | CYLINDER FOR M/C 1650EV-2             |
| 63      | C5 8/6-1/8   | RACCORDO                           | ELBOW FITTING                         |
| 64      | 2525 1/8 36  | PROLUNGA                           | EXTENSION                             |
| 65      | 1650/760     | RONDELLA IN VULCOLAM               | VULCOLAM WASHER                       |
| 66      | M6x15BC      | BRUGOLA                            | ALLEN SCREW                           |
| 67      | 1650/746     | STAFFA                             | HOLDER                                |
| 68      | 1650/715     | BASE CARRO PER M/C 1650EV-1        | CARRIAGE PLATE FOR M/C 1650EV-1       |
|         | 1650/715EV-2 | BASE CARRO PER M/C 1650EV-2        | CARRIAGE PLATE FOR M/C 1650EV-2       |
| 69      | M6x20BC      | BRUGOLA                            | ALLEN SCREW                           |
| 70      | STAR0612016  | MANICOTTO SCORREVOLE               | SLIDING SLEEVE                        |
| 71      | 1650/750     | BLOCCO PORTA SCORREVOLI            | SILDING SLEEVE HOLDER                 |
| 72      | 1650/740     | CARTER LEXAN                       | PLASTIC COVER                         |
| 73      | 1650/749     | SUPPORTO                           | HOLDING HOLDER                        |
| 74      | M6x6G        | GRANO                              | GRUB SCREW                            |
| 75      | 1650/748     | BARRA PER M/C 1650EV-1             | ROD FOR M/C 1650EV-1                  |
|         | 1650/748EV-2 | BARRA PER M/C 1650EV-2             | ROD FOR M/C 1650EV-2                  |
| 76      | 1650/747     | PIASTRA PER M/C 1650EV-1           | SUPPORTING PLATE FOR M/C 1650EV-1     |
|         | 1650/747EV-2 | PIASTRA PER M/C 1650EV-2           | SUPPORTING PLATE FOR M/C 1650EV-2     |
| 77      | 3814-6       | PARACOLPI TUBO CLIPPARD            | SHOCK ABSORBER PIPE                   |
| 78      | 1650/753     | DISTANZIALE                        | SPACER                                |
| 79      | 1650/759     | PIASTRA IN FIBBRA PER M/C 1650EV-1 | ROLLER GUIDE (FIBRE) FOR M/C 1650EV-1 |
|         | 1650/759EV-2 | PIASTRA IN FIBBRA PER M/C 1650EV-2 | ROLLER GUIDE (FIBRE) FOR M/C 1650EV-2 |
| 80      | M3x5G        | GRANO                              | GRUB SCREW                            |
| 81      | NPNNO        | SENSORE NORMALMENTE APERTO         | SENSOR NORMALLY OPEN                  |
| 82      | 1650/856     | SUPPORTO SENSORE                   | SENSOR SUPPORT                        |
| 83      | M6x25G       | GRANO                              | GRUB SCREW                            |
| 84      | M4x10BB      | BRUGOLA                            | ALLEN SCREW                           |
| 85      | 1650/926     | PIOTTINO FISSA CARTER              | SPACER                                |
| 86      | R4           | RONDELLA                           | WASHER                                |
| 87      | M4x25BC      | BRUGOLA                            | ALLEN SCREW                           |
| 88      | KR16PP       | RULLO IN SFERE                     | ROLLER                                |
| 89      | 1650/754     | PORTA RULLO                        | ROLLER BRACKET                        |
| 90      | 1650/752     | PERNO PER LETTURA SENSORI          | SENSING DETECTOR                      |
| 91      | M-01AU-6     | RACCORDO                           | NIPPLES                               |
| 92      | 40/25        | CILINDRO                           | CYLINDER                              |
| 93      | 1650/745     | PARACOLPI INTEFLON                 | SHOCK ABSORBER                        |
| 94      | M10x27BL     | BULLONE                            | BOLT                                  |
| 95      | 1650/744     | SUPPORTO PARACOLPI                 | BUMPER BRACKET                        |
| 96      | M5x15BC      | BRUGOLA                            | ALLEN SCREW                           |
| 97      | 11752-3      | RACCORDO                           | NIPPLES                               |
| 98      | M4x6BC       | BRUGOLA                            | ALLEN SCREW                           |
| 99      | M10D         | DADO                               | NUT                                   |
| 100     | M6D          | DADO                               | NUT                                   |
| 101     | M6x20G       | GRANO                              | GRUB SCREW                            |
| 102     | OR13         | ANELLO OR 13                       | 'O' RING                              |
| 103     | 1650/516     | PISTONCINO                         | PISTON                                |
| 104     | 1650/499     | PISTONE ALZAMANINE NUOVO TIPO      | PISTON NEW TYPE                       |
| 105     | 1650/924     | SPESSORE IN NYLON                  | NYLON SHIMS                           |
| 106     | M4x6BC       | BRUGOLA                            | ALLEN SCREW                           |
| 107     | 1650/742     | SQUADRETTA FISSA PISTONCINO        | CYLINDER BRACKET                      |
| 108     | 1650/063     | MOLLA                              | SPRING                                |
| 109     | 1650/739     | SUPPORTO                           | COKING PLATE                          |
| 110     | M-5UT        | CONNETTORE CLIPPARD                | 4 WAY CONN.                           |
| 111     | M4x20BB      | BRUGOLA                            | ALLEN SCREW                           |
| 112     | 1650/497     | CARTER                             | COVER                                 |
| 113     | M4x30VA      | VITE AUTOFILETTANTE                | SELF THREADING SCREW                  |
| 114     | 1650/498     | MORSETTIERA                        | MULTIPLE CONNECTOR                    |
| 115     | M6D          | DADO                               | NUT                                   |

Dispositivo caricatore  
Loop feeder ass.



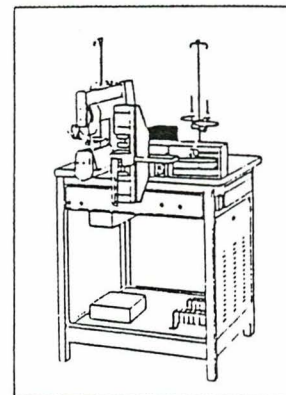
| N.<br>pos. | Codice.  | Denominazione                          | Description                                   |
|------------|----------|----------------------------------------|-----------------------------------------------|
| 116        | M5x158C  | BRUGOLA                                | ALLEN SCREW                                   |
| 117        | R10V     | RONDELLA VULCOLAM                      | VULCOLAM WASHER                               |
| 118        | M5x4G    | GRANO                                  | GRUB SCREW                                    |
| 119        | OR14     | ANELLO OR 14                           | 'O' RING                                      |
| 120        | 1650/925 | KIT ANELLO OR PER PISTONE TIPO 15835/C | 'O' RING KIT FOR 15835/C TYPE PISTON          |
| 121        | 1650/069 | KIT OR PER PISTONE TIPO 25/200 25/240  | 'O' RING KIT FOR 25/200 OR 25/240 TYPE PISTON |
| 122        | 1650/571 | GRANO SPECIALE                         | SPECIAL GRUB SCREW                            |
| 123        | M3x6     | BRUGOLA                                | ALLEN SCREW                                   |
| 124        | 1650/997 | PINZA PER CARICATORE COMPLETA          | LOOP HOLDER HOOK CLAMP CPL                    |
| 125        | 1650/400 | KIT LENTEZZA PASSANTE                  | LOOP FULLNESS KIT                             |
| 126        | 1650/401 | GANCIO FERMA PASSANTE                  | LOOP HOLDER HOOK                              |
| 127        | M4x6G    | GRANO                                  | GRUB SCREW                                    |
| 128        | 1650/402 | BLOCCO                                 | BLOCK                                         |
| 129        | 1650/403 | LAMA PER GANCIO CON SPESSORE           | FULLNESS LOOP FOLDER BLADE                    |





# Dispositivo tirapassanti

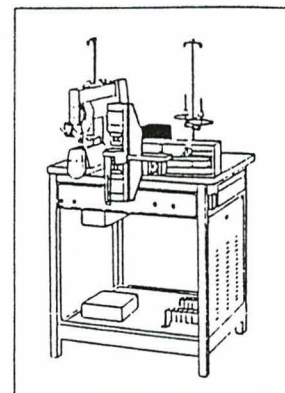
## Loop pulling ass.



| N. pos. | Codice.       | Denominazione                          | Description                        |
|---------|---------------|----------------------------------------|------------------------------------|
| 1       | 1650/835      | CARTER                                 | SAFETY COVER                       |
| 2       | R6            | RONDELLA ø 6 MAGGIORATA                | WASHER                             |
| 3       | M6x15BB       | BRUGOLA                                | ALLEN SCREW                        |
| 4       | M4x25BC       | BRUGOLA                                | ALLEN SCREW                        |
| 5       | 1650/838      | SUPPORTO MOBILE PINZA                  | LOOP CLAMP HOLDER                  |
| 6       | 1650/839      | LAMA 'BECCO'                           | UPPER BEACK                        |
| 7       | 1650/840      | BUSSOLA                                | BUSHING                            |
| 8       | 1650/841      | PERNO                                  | PIN                                |
| 9       | 1650/842      | PERNO                                  | PIN                                |
| 10      | 1650/703      | PISTONCINO                             | PISTON                             |
| 11      | OR12          | OR 12                                  | 'O' RING                           |
| 12      | 1650/844      | MOLLA                                  | SPRING                             |
| 13      | M3x5G         | GRANO                                  | GRUB SCREW                         |
| 14      | 1650/845      | SUPPORTO FISSO PINZA                   | LOOP CLAMP CYLINDER                |
| 15      | M4x10BC       | BRUGOLA                                | ALLEN SCREW                        |
| 16      | 1650/565      | CONTROPINZA                            | LOWER BEACK                        |
| 17      | 1650/469      | SUPPORTO ECCITAZIONE SENSORE           | SENSING BOLT SUPPORT               |
| 18      | 1650/846      | DADO                                   | NUT                                |
| 19      | MEV-2         | SCARICO RAPIDO                         | QUICK EXHAUST                      |
| 20      | 1650/871      | ESPANSIONE LUNGO                       | LONG EXPANSION CYLINDER            |
| 21      | 1650/566      | RONDELLA ELETSTICA                     | CONVEX WASHER                      |
| 22      | 1650/067      | RONDELLA VULCOLAM                      | SHOCK ABSORBER                     |
| 23      | 1650/567      | PARACOLPI                              | SHOCK ABSORBER                     |
| 24      | 25/85         | CILINDRO                               | CYLINDER                           |
| 25      | A2 1/8-1/8    | RACCORDO                               | NIPPLES                            |
| 26      | A10 1/8-1/8   | CURVA                                  | ELBOW                              |
| 27      | MRFCF 1/8-1/8 | RACCORDO                               | ELBOW FITTING                      |
| 28      | FD 3/8        | SCARICO RAPIDO                         | QUICK EXHAUST                      |
| 29      | SA 12         | BOBINA 2..5 W 24 V                     | BOBBIN                             |
| 30      | R6            | RONDELLA DA 6                          | WASHER                             |
| 31      | 1650/051      | DADO FISSAGGIO BOBINA                  | SETTING BOBBIN NUT                 |
| 32      | CA 1          | CONNETTORE                             | CONNECTOR                          |
| 33      | SFE 1/8       | SILENZIATORE                           | MUFFLER                            |
| 34      | 1650/480      | ELETTROVALVOLA SPECIALE CPL (VELOCITÀ) | SPECIAL ELECTROPNEUMATIC VALVE CPL |
| 35      | 11752-2       | RACCORDO                               | NIPPLES                            |
| 36      | 1650/854      | LAMA                                   | HOLDER PLATE                       |
| 37      | NPNN0         | SENSORE                                | SENSOR N.O. *                      |
| 38      | 1650/853      | SUPPORTO CILINDRICO POSTERIORE         | REAR CYLINDER SUPPORT              |
| 39      | 25/160        | CILINDRO                               | CYLINDER                           |
| 40      | M6x12BC       | BRUGOLA                                | ALLEN SCREW                        |
| 41      | M3x5G         | GRANO                                  | GRUB SCREW                         |
| 42      | 1650/474      | STAFFA PORTA PISTONE SUPERIORE         | UPPER PISTON HOLDER                |
| 43      | 1650/473      | PARACOLPI TEFLON                       | SHOCK ABSORBER                     |
| 44      | 1650/472      | RIGA METRICA (CAMBIO RAPIDO)           | METRIC RULE (QUICK CHANGE)         |
| 45      | M4x8BB        | BRUGOLA BOMBATA (CAMBIO RAPIDO)        | CONVEX ALLEN SCREW (QUICK CHANGE)  |
| 46      | M3x5G         | GRANO                                  | GRUB SCREW                         |
| 47      | 1650/471      | STAFFA 1 MOVIMENTO                     | HOLDER                             |
| 48      | GMMAP40M620   | MANIGLIA M6x20                         | HANDLE                             |
| 49      | 1650/843      | DADO                                   | NUT                                |
| 50      | M5x20BC       | BRUGOLA CONICA                         | ALLEN SCREW                        |
| 51      | 1650/850      | SUPPORTO CILINDRICO ANTERIORE          | FRONT CYLINDER SUPPORT             |
| 52      | M6D           | DADO                                   | NUT                                |
| 53      | A5 1/8-1/8    | PROLUNGA                               | SHORT EXTENSION                    |
| 54      | A10 1/8-1/8   | CURVA                                  | ELBOW                              |
| 55      | M-01AU-6      | RACCORDO                               | NIPPLES                            |
| 56      | M5x25BC       | BRUGOLA                                | ALLEN SCREW                        |
| 57      | M6x25G        | GRANO                                  | GRUB SCREW                         |
| 58      | 1650/475      | STAFFA ALLUMINIO                       | HOLDER PLATE                       |
| 59      | 1650/877      | LAMA LETTURA SENSORE                   | SENSOR DETECTOR                    |
| 60      | 1650/857      | PERNO                                  | ROD                                |
| 61      | URS8/3        | SILENZIATORE REGOLABILE                | VARIABLE MUFFLER                   |

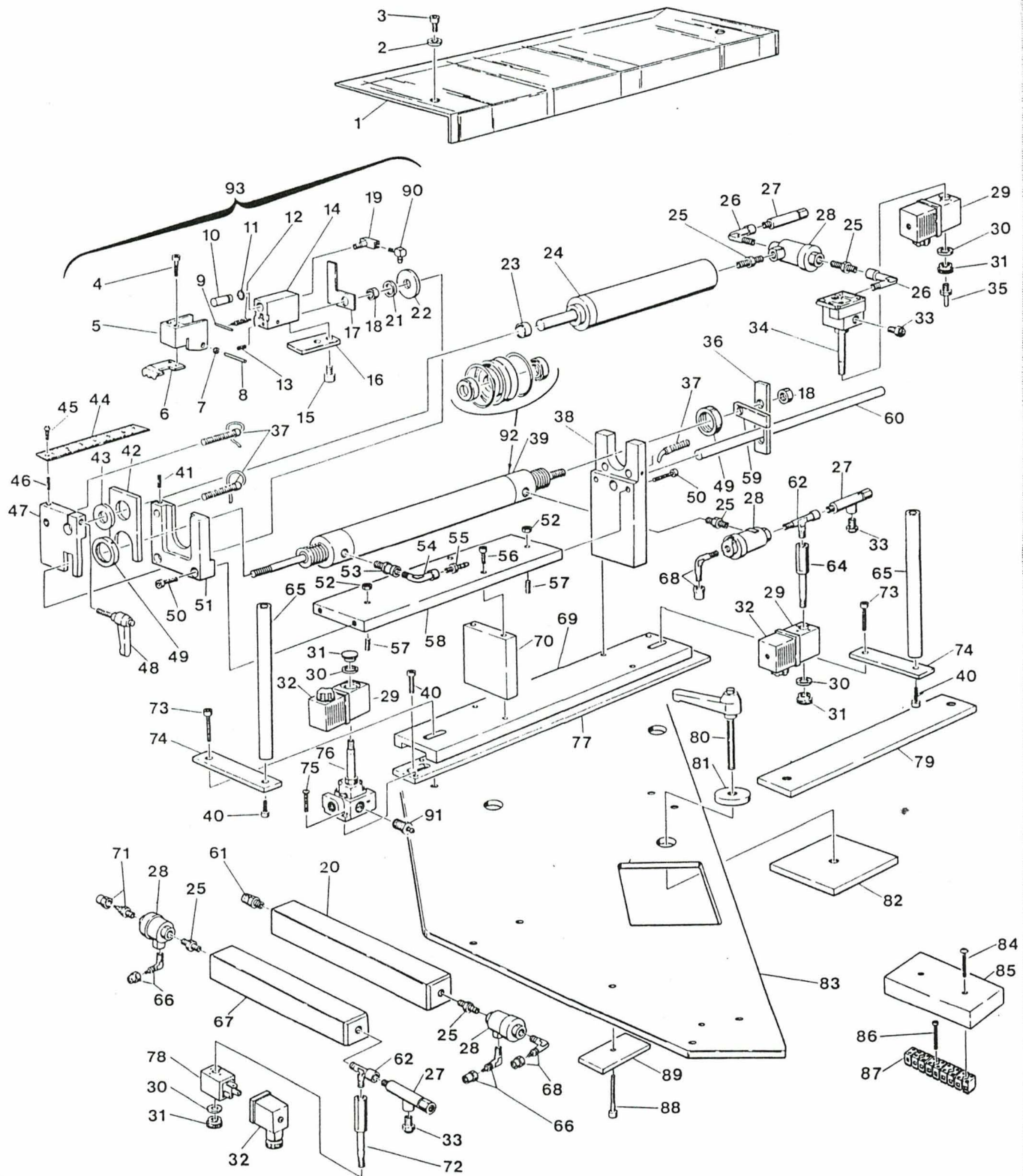
# Dispositivo tirapassanti

## Loop pulling ass.



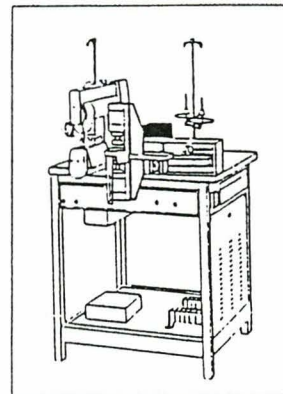
| N.<br>pos. | Codice.      | Denominazione                         | Description                          |
|------------|--------------|---------------------------------------|--------------------------------------|
| 62         | A 18 1/8-1/8 | RACCORDO                              | ELBOW                                |
| 63         | FD 3/8       | SCARICO RAPIDO                        | QUICK EXHAUST                        |
| 64         | 1650/568     | ELETTROVALVOLA SPECIALE (SCARTO)      | SPECIAL ELETTROPNEUMATIC             |
| 65         | 1650/860     | SUPPORTO CARTER                       | HOLDER COVER                         |
| 66         | C5 8/6-1/8   | RACCORDO                              | NIPPLES FITTING                      |
| 67         | 1650/484     | ESPANSIONE CORTA                      | SHORT EXPANSION CYLINDER             |
| 68         | C5 6/4-1/8   | RACCORDO                              | ELBOW FITTING                        |
| 69         | 1650/477     | SUPPORTO                              | HOLDER                               |
| 70         | 1650/476     | SUPPORTO                              | HOLDER                               |
| 71         | C1 6/4-1/8   | RACCORDO                              | NIPPLES FITTING                      |
| 72         | 1650/569     | ELETTROVALVOLA SPECIALE (ESPANSIONE)  | SPECIAL ELETTROPNEUMATIC (EXPANSION) |
| 73         | M5x25BL      | BULLONE                               | BOLT                                 |
| 74         | 1650/870     | STAFFA                                | HOLDER                               |
| 75         | M3x10BC      | BRUGOLA                               | ALLEN SCREW                          |
| 76         | 1650/570     | PILOTA COMPLETO DI BASE               | PILOT CPL                            |
| 77         | 1650/478     | GUIDA                                 | GUIDE                                |
| 78         | SA 12        | BOBINA 24 VOLT 6 W                    | BOBBIN                               |
| 79         | 1650/876     | LAMA FISSA APPARECCHIATURA LUNGA      | BASE PLATE SETTING PLATE LONG        |
| 80         | MAP/79 M8x70 | MANIGLIA                              | HANDLE                               |
| 81         | R8M          | RONDELLA ø 8 MAGGIORATA               | CONVEX                               |
| 82         | 1650/875     | LAMA FISSA APPARECCHIATURA CORTA      | BASE PLATE SETTING SHORT             |
| 83         | 1650/874     | BASE APPARECCHIATURA                  | BASE PLATE                           |
| 84         | M4x15BB      | BRUGOLA BOMBATA                       | CONVEX ALLEN SCREW                   |
| 85         | 1650/482     | CARTER                                | COVER                                |
| 86         | M35x25VA     | VITE AUTOFILETTANTE 3,5x25            | SCREW                                |
| 87         | 1650/483     | MORSETTIERA                           | LEADS TERMINAL                       |
| 88         | M5x40BC      | BRUGOLA                               | ALLEN SCREW                          |
| 89         | 1650/873     | LAMA FISSA ESPANSIONI                 | EXPANSION CYLINDER BRACKET           |
| 90         | M5LU-4       | RACCORDO                              | NIPPLES                              |
| 91         | M01-AU4      | RACCORDO                              | NIPPLES                              |
| 92         | 1650/930     | KIT ANELLO OR PER PISTONE TIPO 25/160 | 'O' RING KIT FOR 25/160 TYPE PISTON  |
| 93         | 1650/998     | PINZA PER TIRAPASSANTI COMPLETA       | LOOP PULLER CLAMP CPL                |





# Cambio rapido

## Quick change



| N.<br>pos. | Codice.   | Denominazione       | Description          |
|------------|-----------|---------------------|----------------------|
| 1          | M6x35BC   | BRUGOLA             | ALLEN SCREW          |
| 2          | 1650/450  | BATTUTA             | STOPPER              |
| 3          | 1650/451  | SEGHER              | ELASTIC RING         |
| 4          | 1650/452  | RONDELLA            | WASHER               |
| 5          | 1650/453  | PERNO               | PIN                  |
| 6          | 1650/454  | CROCIERA            | REVOLVER HEAD        |
| 7-1        | M6x45G    | GRANO               | GRUB SCREW           |
| 7-2        | M6x40G    | GRANO               | GRUB SCREW           |
| 7-3        | M6x50G    | GRANO               | GRUB SCREW           |
| 8-1        | M6x40G    | GRANO               | GRUB SCREW           |
| 8-2        | M6x35G    | GRANO               | GRUB SCREW           |
| 8-3        | M6x45G    | GRANO               | GRUB SCREW           |
| 9-1        | M6x35G    | GRANO               | GRUB SCREW           |
| 9-2        | M6x30G    | GRANO               | GRUB SCREW           |
| 9-3        | M6x40G    | GRANO               | GRUB SCREW           |
| 10-1       | M6x30G    | GRANO               | GRUB SCREW           |
| 10-2       | M6x25G    | GRANO               | GRUB SCREW           |
| 10-3       | M6x35G    | GRANO               | GRUB SCREW           |
| 11-1       | M6x25G    | GRANO               | GRUB SCREW           |
| 11-2       | M6x20G    | GRANO               | GRUB SCREW           |
| 11-3       | M6x30G    | GRANO               | GRUB SCREW           |
| 12-1       | M6x20G    | GRANO               | GRUB SCREW           |
| 12-2       | M6x15G    | GRANO               | GRUB SCREW           |
| 12-3       | M6x25G    | GRANO               | GRUB SCREW           |
| 13         | M6D       | DADO                | NUT                  |
| 14         | 1650/455  | SFERA               | BALL                 |
| 15         | 1650/456  | MOLLA               | SPRING               |
| 16         | M4x10B    | BRUGOLA             | ALLEN SCREW          |
| 17         | 1650/457  | PIASTRINA           | HOLDER               |
| 18         | M4x4G     | GRANO               | GRUB SCREW           |
| 19-1       | 1650/458  | CROCIERA COMPLETA   | REVOLVER HEAD CPL    |
| 19-2       | 1650/459  | CROCIERA COMPLETA   | REVOLVER HEAD CPL    |
| 19-3       | 1650/460  | CROCIERA COMPLETA   | REVOLVER HEAD CPL    |
| 20         | M5x30B    | BRUGOLA             | ALLEN SCREW          |
| 21         | M6x20B    | BRUGOLA             | ALLEN SCREW          |
| 22         | 1650/461  | PONTE               | BRIDGE               |
| 23         | M5x15G    | GRANO               | GRUB SCREW           |
| 24         | M5D       | DADO                | NUT                  |
| 25         | 1650/462  | SPESSORE            | SHIMS                |
| 26         | M5x10B    | BRUGOLA             | ALLEN SCREW          |
| 27         | 1650/463  | STAFFA REGOLABILE   | SET GUIDE            |
| 28         | 1650/464  | STAFFA FISSAGGIO    | HOLDER               |
| 29         | 1650/465  | STAFFA REGOLABILE   | SET GUIDE            |
| 30         | 1650/466  | STAFFA FISSAGGIO    | HOLDER               |
| 31         | 1650/467  | STAFFA FISSAGGIO    | HOLDER               |
| 32         | M6D       | DADO                | NUT                  |
| 33         | R6        | RONDELLA ø 6        | WASHER               |
| 34         | 1650/468  | STAFFA REGOLABILE   | SET GUIDE            |
| 35         | M6x35B    | BRUGOLA             | ALLEN SCREW          |
| 36         | M5x8BS    | BRUGOLA SVASATA     | ALLEN SCREW          |
| 37         | M4,5x30VA | VITE AUTOFILETTANTE | SELF THREADING SCREW |
| 38         | 1650/486  | STAFFA REGOLABILE   | SET GUIDE            |
| 39         | M4x6BL    | BULLONE             | BOLT                 |

