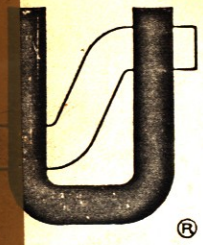


SECAO DE PEÇAS -

AG

UY9854GS



**Union Special®**

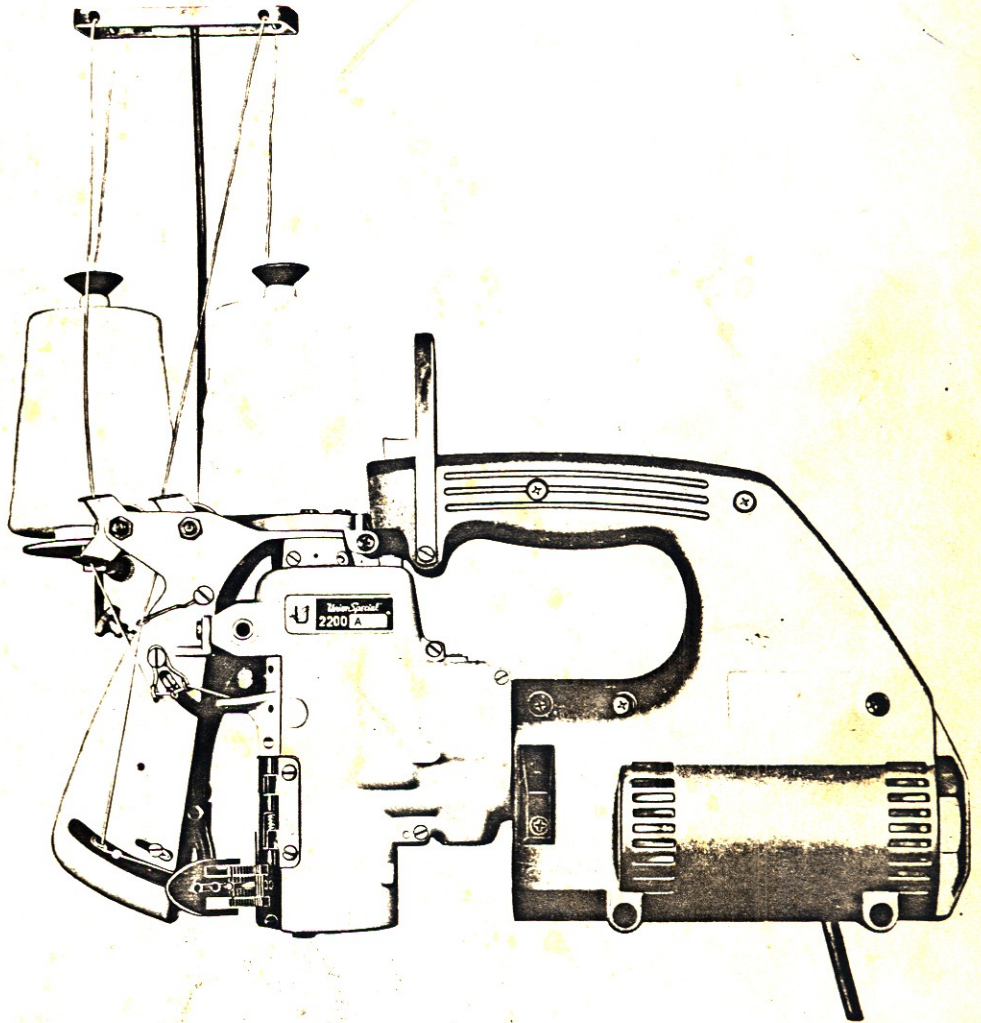
LEWIS® • COLUMBIA®

INDUSTRIAL  
SEWING  
MACHINES

FINEST QUALITY

STYLES  
TYPEN

2200 A  
2200 B  
2200 F  
2200 AA  
2200 AS  
2200 BA  
2200 FA  
2200 AAS



CATALOG NO.  
KATALOG NR.  
283

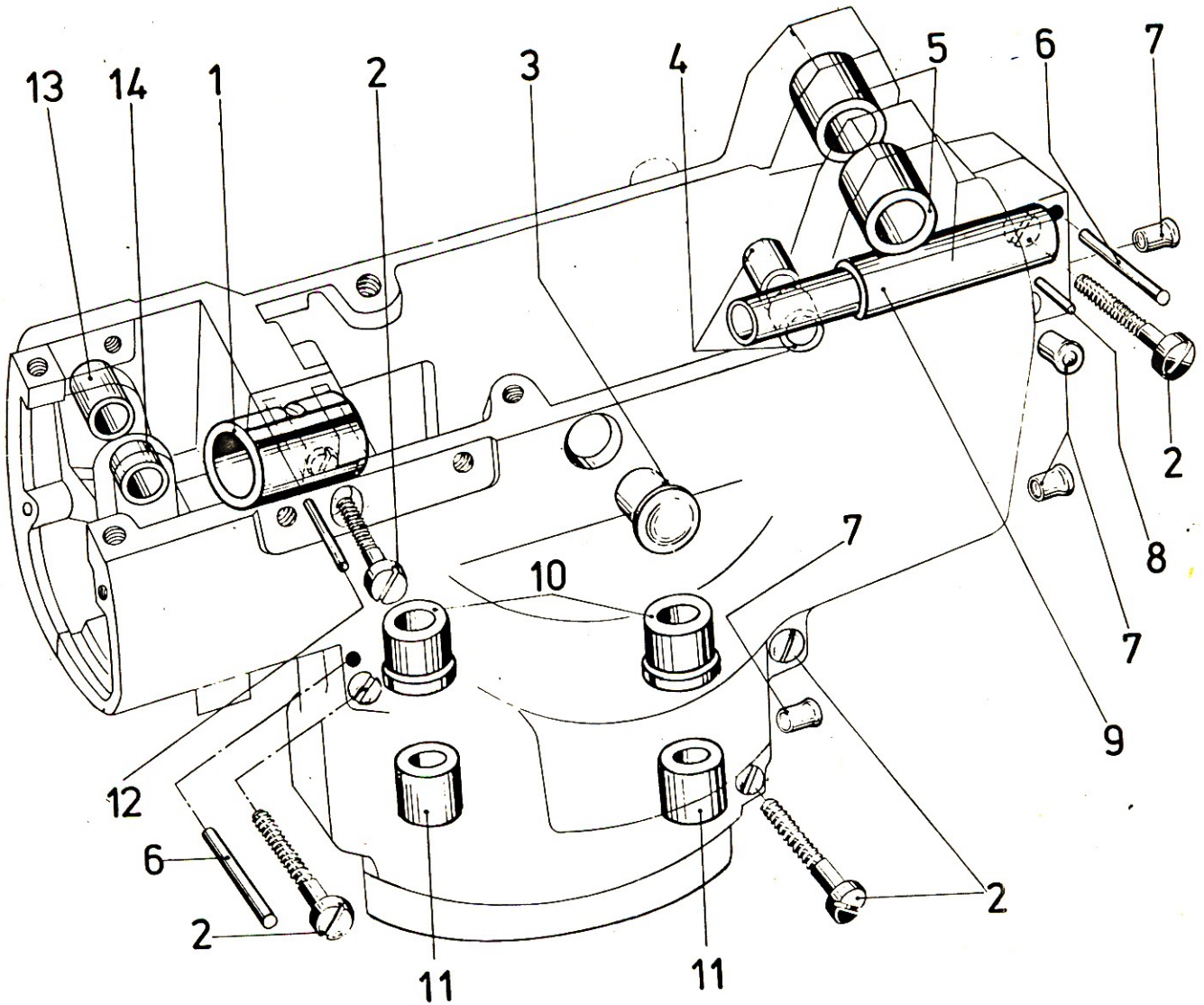
PORTABLE BAG CLOSING MACHINES  
TRAGBARE SACKZUNÄHMASCHINEN

Union Special Corp. 400 North Franklin Street, Chicago, Illinois, U.S.A., 60610, Telex 254737

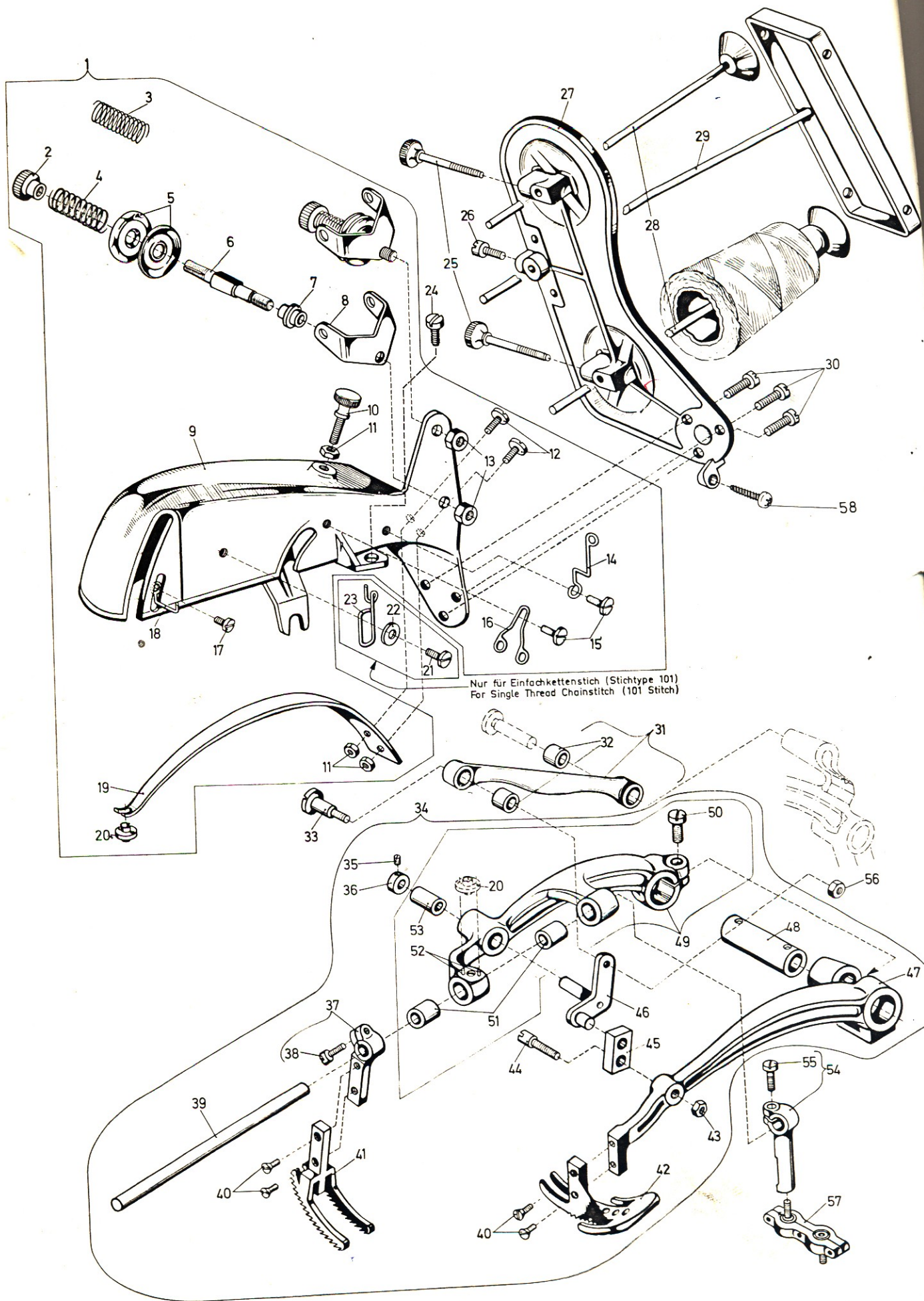
Union Special GmbH Schwabstrasse 33, D-7000 Stuttgart 1, West Germany, Telex 722300

BUSHINGS, PINS, SPRING VALVE OILER AND PLUG

BUCHSEN, STIFTE, KUGELÖLER UND VERSCHLUSS-STOPFEN

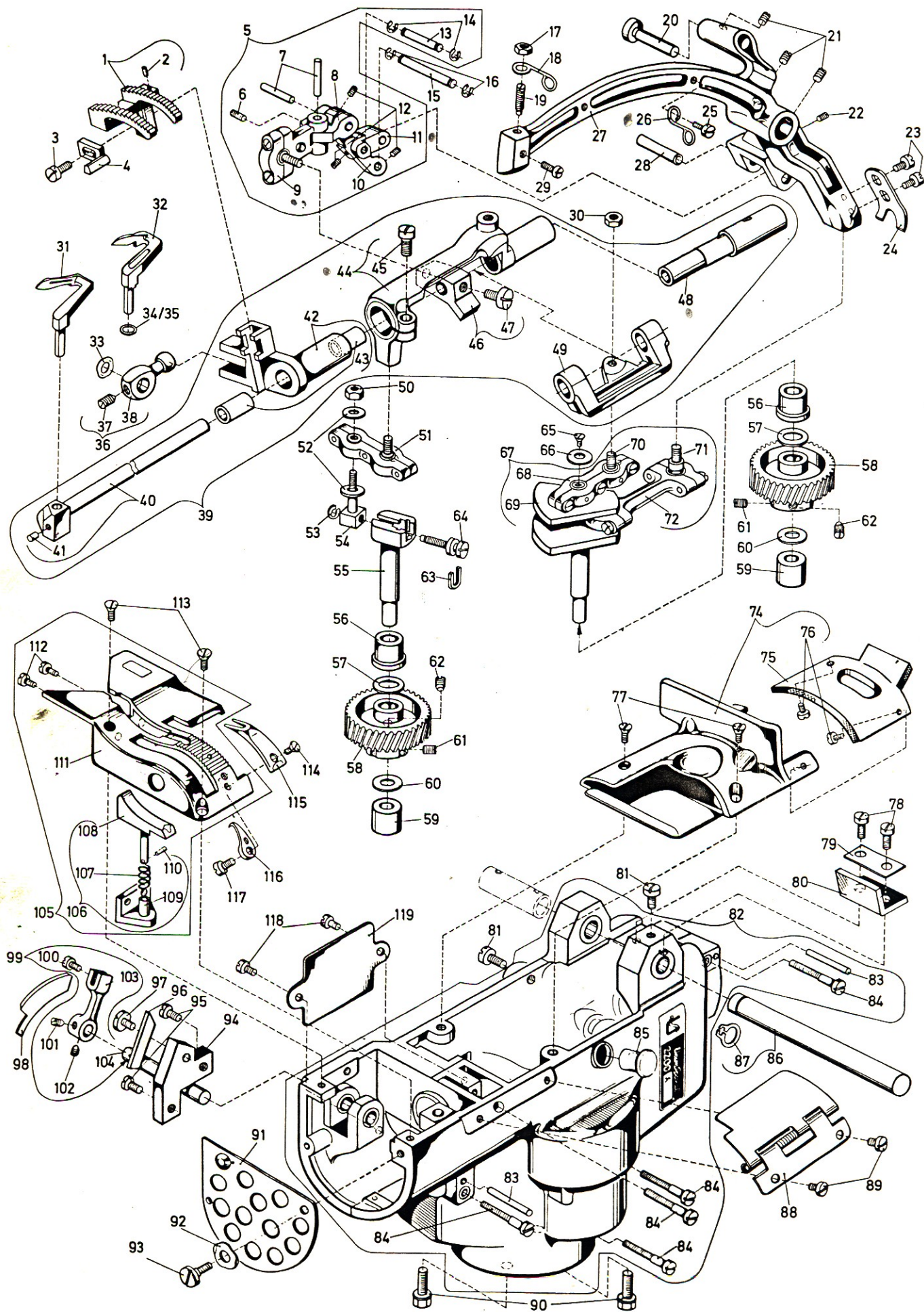


| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u>                         | <u>Beschreibung</u>                                 | <u>Amt. Req.</u> |
|-----------------|-----------------|--------------------------------------------|-----------------------------------------------------|------------------|
| <u>Pos.Nr.</u>  | <u>Teil Nr.</u> |                                            |                                                     | <u>Anzahl</u>    |
| 1               | 2191            | Bushing for Looper Shaft                   | Buchse für Greiferwelle                             | 1                |
| 2               | 99266           | Screw for fastening both halves of Housing | Schraube zum Verschrauben der beiden Gehäusehälften | 5                |
| 3               | 999-104 A       | Plug                                       | Verschlussstopfen                                   | 1                |
| 4               | 2192            | Bushing                                    | Buchse                                              | 2                |
| 5               | 2190            | Bushing                                    | Buchse                                              | 2                |
| 6               | 96511           | Pin                                        | Zylinder Stift                                      | 2                |
| 7               | G 41046 G       | Spring Valve Oiler                         | Kugelöler                                           | 4                |
| 8               | 76099 D         | Pin                                        | Stift                                               | 1                |
| 9               | 2140 N          | Bushing for Looper Shaft                   | Buchse für Greiferwelle                             | 1                |
| 10              | 2195 N          | Bushing                                    | Buchse                                              | 2                |
| 11              | 2194            | Bushing                                    | Buchse                                              | 2                |
| 12              | 96523           | Pin                                        | Stift                                               | 1                |
| 13              | 2193            | Bushing                                    | Buchse                                              | 1                |
| 14              | 2193 A          | Bushing                                    | Buchse                                              | 1                |



COVER ASSEMBLY, CONE SUPPORT, UPPER FEED ROCKER, PRESSER FOOT AND MISCELLANEOUS THREAD GUIDES  
ABDECKHAUBE, GARNROLLENSTÄNDER, ANTRIEB FÜR OBERTRANSPORT, DRÜCKERFUSS UND VERSCH. FADENFÜHRUNGEN

| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u>                           | <u>Beschreibung</u>                             | <u>Amt. Req.</u> |
|-----------------|-----------------|----------------------------------------------|-------------------------------------------------|------------------|
| <u>Pos.Nr.</u>  | <u>Teil Nr.</u> |                                              |                                                 | <u>Anzahl</u>    |
| 1               | G 29496         | Cover Assembly                               | Abdeckhaube komplett                            | 1                |
| 2               | 51292 C         | Tension Nut                                  | Fadensp. -Mutter                                | 2                |
| 3               | 51292 F-1       | Tension Spring for Looper                    | Fadensp. -Feder für Greifer                     | 1                |
| 4               | 51292 F-8       | Tension Spring for Needle                    | Fadensp. -Feder für Nadel                       | 1                |
| 5               | 109             | Tension Disc                                 | Fadensp. -Scheibe                               | 4                |
| 6               | 2186            | Tension Post                                 | Fadensp. -Bolzen                                | 2                |
| 7               | 51292 A         | Tension Post Ferrule                         | Fadengleithülse                                 | 2                |
| 8               | 51192 G         | Tension Thread Eyelet                        | Fadenleitwinkel                                 | 2                |
| 9               | 2159 A          | Cover                                        | Abdeckhaube                                     | 1                |
| 10              | 93640           | Regulating Screw                             | Stellschraube                                   | 1                |
| 11              | 41071 G         | Nut                                          | Mutter                                          | 3                |
| 12              | G 22585 A       | Screw                                        | Schraube                                        | 2                |
| 13              | G 43266         | Nut                                          | Mutter                                          | 2                |
| 14              | 2158 D          | Needle Thread Eyelet                         | Nadelfadenführung                               | 1                |
| 15              | 22585 A         | Screw                                        | Schraube                                        | 2                |
| 16              | 2158 C          | Looper Thread Eyelet                         | Greiferfadenführung                             | 1                |
| 17              | 87 U            | Screw                                        | Schraube                                        | 1                |
| 18              | 2158 A          | Needle Thread Pull-off                       | Nadelfadenabzug                                 | 1                |
| 19              | 2163 A          | Leaf Spring                                  | Blattfeder                                      | 1                |
| 20              | 2176 E          | Support for Leaf Spring                      | Auflage für Blattfeder                          | 1                |
| 21              | 22585 A         | Screw                                        | Schraube                                        | 1                |
| 22              | 51225 W         | Washer                                       | Scheibe                                         | 1                |
| 23              | 51758           | Needle Thread Eyelet (Stitch Type 101)       | Nadelfadenführung (Stichtyp 101)                | 1                |
| 24              | 22528           | Screw                                        | Schraube                                        | 2                |
| 25              | 99270           | Screw                                        | Schraube                                        | 2                |
| 26              | 79              | Screw                                        | Schraube                                        | 1                |
| 27              | 2189 H          | Cone Support                                 | Platte für Garnrollenständer                    | 1                |
| 28              | 2189 B          | Spool Pin                                    | Spulensstift                                    | 2                |
| 29              | 2189 C          | Thread Wire                                  | Fadenstange                                     | 1                |
| 30              | 93 B            | Screw                                        | Schraube                                        | 3                |
| 31              | 2146            | Connecting Rod Assembly                      | Schubstange komplett                            | 1                |
| 32              | 2196 A          | Bushing                                      | Buchse                                          | 2                |
| 33              | 99268           | Screw                                        | Schraube                                        | 1                |
| 34              | G 29493 A       | Presser Foot and Upper Feed Lever Assembly   | Druckerfuß-und Obertransporthebel komplett      | 1                |
| 35              | 28 C            | Screw                                        | Schraube                                        | 1                |
| 36              | 2166 A          | Collar                                       | Stellring                                       | 1                |
| 37              | 2180            | Upper Feed Dog Holder                        | Obertransporteurhalter                          | 1                |
| 38              | 80175           | Screw                                        | Schraube                                        | 1                |
| 39              | 2179            | Upper Feed Shaft                             | Welle für Obertransportweg                      | 1                |
| 40              | 87 U            | Screw                                        | Schraube                                        | 4                |
| 41              | 2126            | Upper Feed Dog                               | Obertransporteur                                | 1                |
| 42              | 2120            | Presser Foot                                 | Druckerfuß                                      | 1                |
| 43              | 12934 A         | Nut                                          | Mutter                                          | 1                |
| 44              | 2169 A          | Link Pin                                     | Gelenkzapfen                                    | 1                |
| 45              | 2168 A          | Link                                         | Gelenk                                          | 1                |
| 46              | 2167 A          | Crank for Presser Foot                       | Kurbel für Druckerfuß                           | 1                |
| 47              | 2175 A          | Presser Foot Lever                           | Druckerfußhebel                                 | 1                |
| 48              | 2143            | Bushing                                      | Buchse                                          | 1                |
| 49              | 2176 D          | Upper Feed Lever Assembly                    | Obertransporthebel                              | 1                |
| 50              | 93              | Screw                                        | Schraube                                        | 1                |
| 51              | 2193            | Bushing                                      | Buchse                                          | 2                |
| 52              | 96663           | Clamping Sleeve                              | Spannhülse                                      | 1                |
| 53              | 2196 B          | Bushing                                      | Buchse                                          | 1                |
| 54              | 2178            | Upper Feed Rocker                            | Antriebshebel                                   | 1                |
| 55              | 80175           | Screw                                        | Schraube                                        | 1                |
| 56              | 907             | Nut                                          | Mutter                                          | 1                |
| 57              | 2160 N          | Upper Feed Motion Double Ball Joint Assembly | Doppelkugelgelenk für Obertransportweg komplett | 1                |
| 58              | 95580           | Screw                                        | Schraube                                        | 1                |



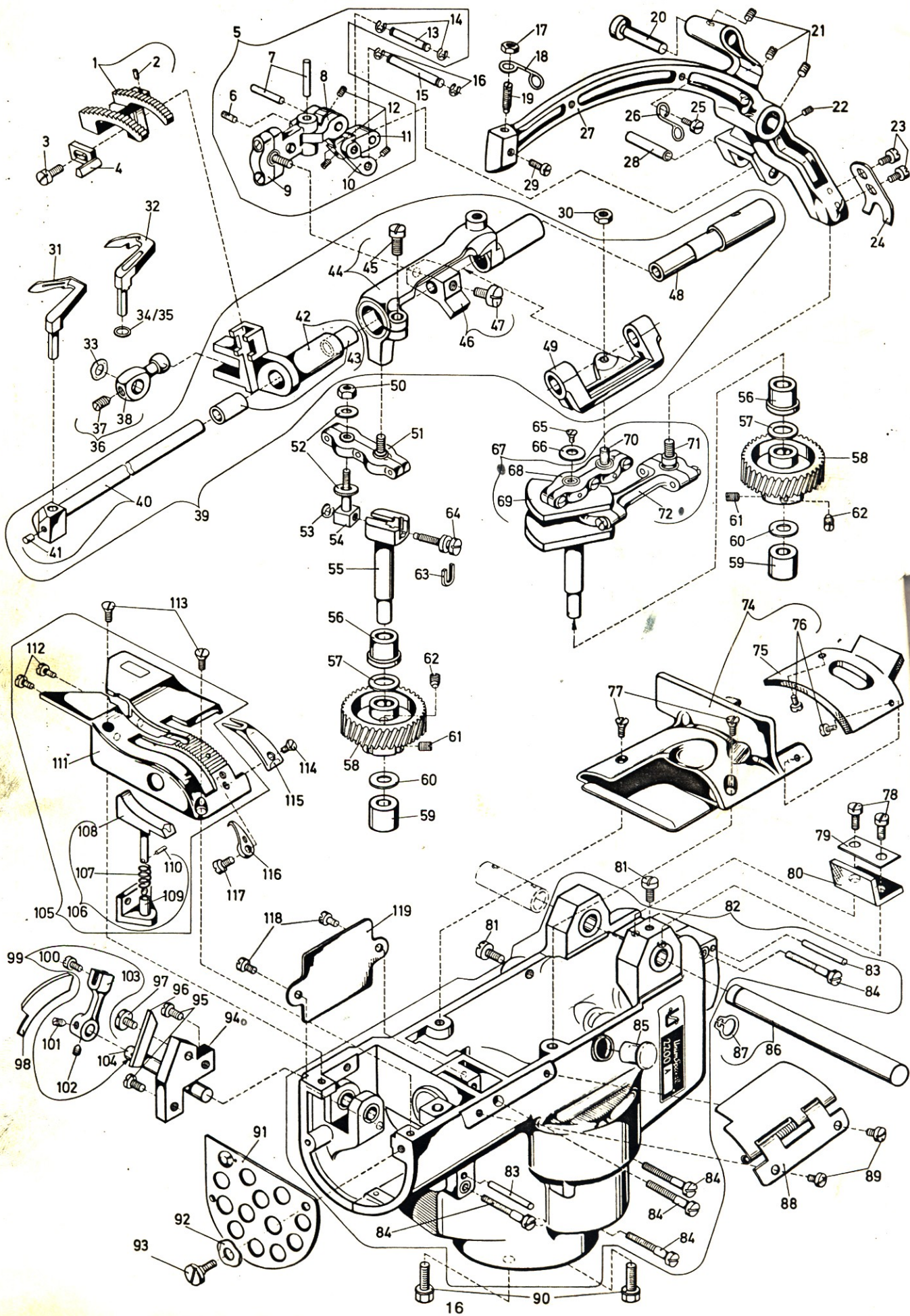
HOUSING ASSEMBLY, SEWING PARTS, CRANKSHAFT, NEEDLE-,  
LOOPER-, FEED-, KNIFE DRIVE AND MISCELLANEOUS COVERS

GEHÄUSE KOMPLETT, NÄHTEILE, KURBELWELLE, NADEL-, GREIFER-,  
TRANSPORT-, MESSERANTRIEB UND VERSCHIEDENE ABDECKUNGEN

| Ref.No. | Part No.   | Description                                                | Beschreibung                                              | Amt. Req.          |
|---------|------------|------------------------------------------------------------|-----------------------------------------------------------|--------------------|
| Pos.Nr. | Teil Nr.   |                                                            |                                                           | Anzahl             |
| 1       | 2105       | Feed Dog                                                   | Transporteur                                              | 1                  |
| 2       | 99277      | Screw                                                      | Schraube                                                  | 1                  |
| 3       | 80175      | Screw                                                      | Schraube                                                  | 1                  |
| 4       | 2125       | Needle Guard                                               | Nadelanschlag                                             | 1                  |
| 5       | G 29492    | Looper Drive Assembly                                      | Greiferantrieb komplett                                   | 1                  |
| 6       | 73 C       | Screw                                                      | Schraube                                                  | 1                  |
| 7       | 96502      | Pin                                                        | Stift                                                     | 2                  |
| 8       | 2152 B     | Connection                                                 | Gelenkstück                                               | 1                  |
| 9       | 2152       | Ball Joint Assembly                                        | Kugelgelenk komplett                                      | 1                  |
| 10      | 2142       | Lever Looper Drive                                         | Hebel für Greiferantrieb                                  | 1                  |
| 11      | 2151       | Joint for Looper Drive                                     | Gelenk für Greiferantrieb                                 | 1                  |
| 12      | 28 C       | Screw                                                      | Schraube                                                  | 3                  |
| 13      | 96602      | Pin                                                        | Stift                                                     | 1                  |
| 14      | G 660-210  | Locking Washer                                             | Sicherungsscheibe                                         | 2                  |
| 15      | 96603      | Pin                                                        | Stift                                                     | 1                  |
| 16      | G 660-210  | Locking Washer                                             | Sicherungsscheibe                                         | 2                  |
| 17      | 41071 G    | Nut                                                        | Mutter                                                    | 1                  |
| 18      | 2158 E     | Thread Guide                                               | Fadenführung                                              | 1                  |
| 19      | 22575      | Screw                                                      | Schraube                                                  | 1                  |
| 20      | 2177       | Bolt                                                       | Bolzen                                                    | 1                  |
| 21      | 88 B       | Screw                                                      | Schraube                                                  | 3                  |
| 22      | 28 C       | Screw                                                      | Schraube                                                  | 1                  |
| 23      | 28         | Screw                                                      | Schraube                                                  | 2                  |
| 24      | 2145 A     | Joint Guide                                                | Lagerführung                                              | 1                  |
| 25      | 77 L       | Screw                                                      | Schraube                                                  | 1                  |
| 26      | 2158 B     | Needle Thread Eyelet                                       | Nadelfadenführung                                         | 1                  |
| 27      | 2115       | Needle Lever                                               | Nadelhebel                                                | 1                  |
| 28      | 96501      | Pin                                                        | Stift                                                     | 1                  |
| 29      | 99267      | Screw                                                      | Schraube                                                  | 1                  |
| 30      | 12934 A    | Nut                                                        | Mutter                                                    | 1                  |
| 31      | 2108       | Looper for Double-Locked-Stitch<br>(Stitch Type 401)       | Greifer für Doppelkettenstich<br>(Stichtyp 401)           | 1                  |
| 32      | 2108 A     | Looper for Single-Thread-Chain-Stitch<br>(Stitch Type 101) | Greifer für Einfachkettenstich<br>(Stichtyp 101)          | 1                  |
| 33      | 99521      | Spring Washer                                              | Federscheibe                                              | 1                  |
|         |            | IN CASE OF NEED, POS. 34 OR 35<br>CAN BE USED              | IM BEDARFSFALL KÖNNEN POS. 34 ODER 35<br>VERWENDET WERDEN |                    |
| 34      | 21210 C    | Looper Collar; Thickness : 0,35 mm = .014 in.              | Greiferring; Dicke : 0,35 mm = .014 in.                   | 1                  |
| 35      | 21210 A    | Looper Collar; Thickness : 0,5 mm = .02 in.                | Greiferring; Dicke : 0,5 mm = .02 in.                     | 1                  |
| 36      | 2173 A     | Upper Knife Lever Rocker Assembly                          | Obermesserantriebshebel komplett                          | 1                  |
| 37      | 22560 B    | Screw                                                      | Schraube                                                  | 1                  |
| 38      | 2173       | Upper Knife Lever Rocker                                   | Obermesserantriebshebel                                   | 1                  |
| 39      | G 29491 N  | Looper Shaft Assembly                                      | Greiferwelle komplett                                     | 1                  |
| 40      | 2144       | Looper Shaft                                               | Greiferwelle                                              | 1                  |
| 41      | 88 B       | Screw                                                      | Schraube                                                  | 1                  |
| 42      | 2134 A     | Feed Bar Assembly                                          | Transporteurhalter komplett                               | 1                  |
| 43      | 2193       | Bushing                                                    | Buchse                                                    | 2                  |
| 44      | 2135 N     | Feed Motion Lever Rocker                                   | Brückenhebel                                              | 1                  |
| 45      | 22596      | Screw                                                      | Schraube                                                  | 1                  |
| 46      | 2153       | Looper Shaft Cross Head                                    | Greiferwellenmitnehmer                                    | 1                  |
| 47      | HA 61 D    | Screw                                                      | Schraube                                                  | 1                  |
| 48      | 2140 N     | Bushing for Looper Shaft                                   | Buchse für Greiferwelle                                   | 1                  |
| 49      | 2156       | Looper Avoid Cross Head Guide                              | Greiferführungsbahn                                       | 1                  |
| 50      | 39250 J    | Nut                                                        | Mutter                                                    | 1                  |
| 51      | 2139 N     | Feed Motion Double Ball Joint Assembly                     | Doppelkugellager komplett                                 | 1                  |
| 52      | 51225 W    | Washer                                                     | Scheibe                                                   | 2                  |
| 53      | 660-210    | Locking Washer                                             | Sicherungsscheibe                                         | 1                  |
| 54      | 2136       | Bolt                                                       | Bolzen                                                    | 1                  |
| 55      | 2131       | Feed Rocker Shaft                                          | Transportachse                                            | 1                  |
| 56      | 2195 N     | Bushing                                                    | Buchse                                                    | 2                  |
| 57      | 2165 C-0,1 | Spacer 0,1 mm thick                                        | Paßscheibe 0,1 mm dick                                    | } (je nach Bedarf) |
|         | 2165 C-0,2 | Spacer 0,2 mm thick                                        | Paßscheibe 0,2 mm dick                                    |                    |
|         | 2165 C-0,5 | Spacer 0,5 mm thick                                        | Paßscheibe 0,5 mm dick                                    |                    |
|         | 2165 C-1,0 | Spacer 1,0 mm thick                                        | Paßscheibe 1,0 mm dick                                    |                    |
|         | 2165 A     | Gear                                                       | Zahnrad                                                   |                    |
| 58      | 2194       | Bushing                                                    | Buchse                                                    | 2                  |
| 59      | 2165 D-0,1 | Spacer 0,1 mm thick                                        | Paßscheibe 0,1 mm dick                                    | } (je nach Bedarf) |
| 60      | 2165 D-0,2 | Spacer 0,2 mm thick                                        | Paßscheibe 0,2 mm dick                                    |                    |
|         | 2165 D-0,5 | Spacer 0,5 mm thick                                        | Paßscheibe 0,5 mm dick                                    |                    |
|         | 2165 D-1,0 | Spacer 1,0 mm thick                                        | Paßscheibe 1,0 mm dick                                    |                    |
|         | 22560 B    | Screw                                                      | Schraube                                                  |                    |
| 61      | 22764 A    | Screw                                                      | Schraube                                                  | 2                  |
| 62      |            |                                                            |                                                           | 2                  |

from Ref. No. 63 to Ref. No. 119 see following page

von Pos. Nr. 63 bis Pos. Nr. 119 siehe folgende Seite



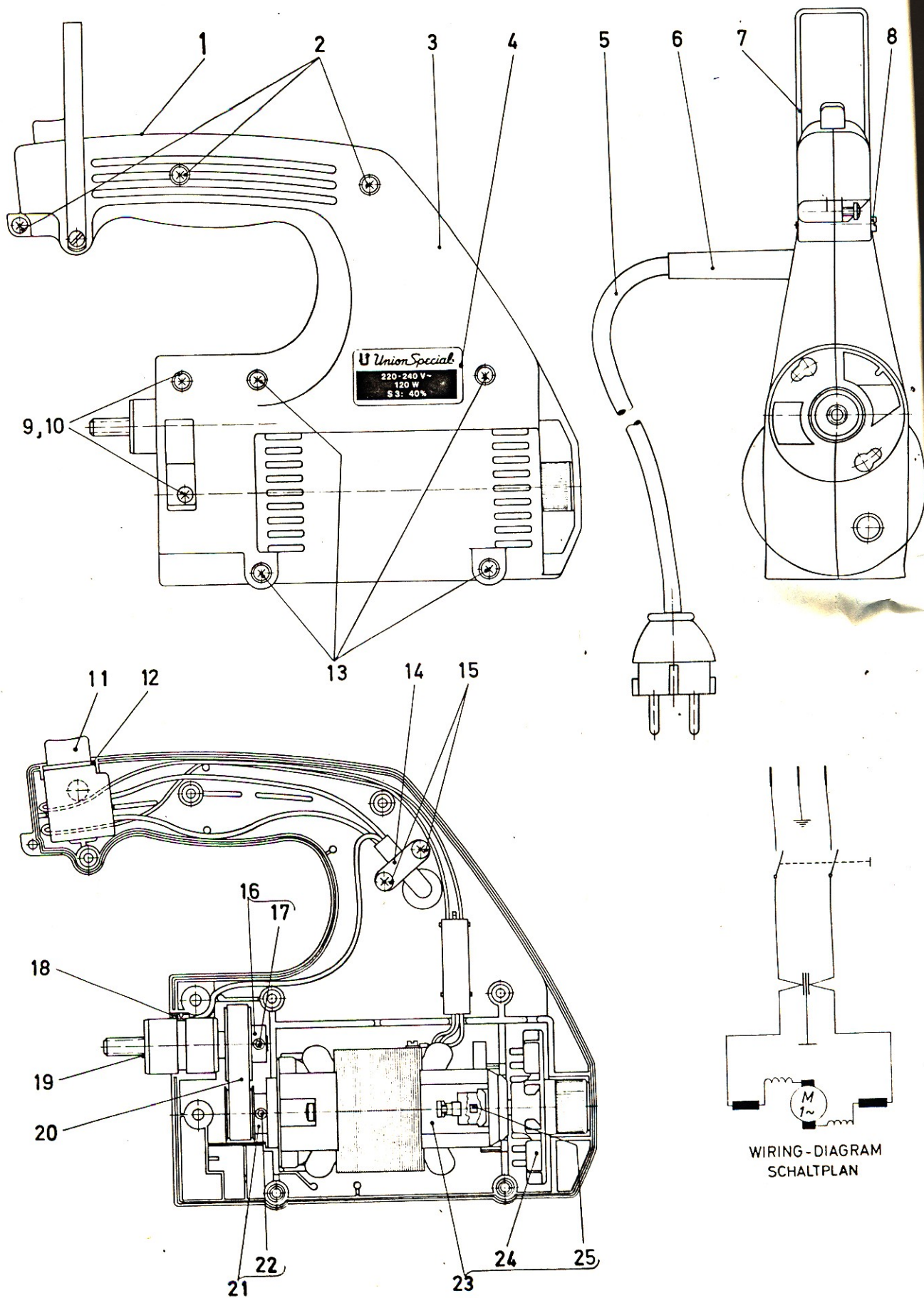
HOUSING ASSEMBLY, SEWING PARTS, CRANKSHAFT, NEEDLE-,  
LOOPER-, FEED-, KNIFE DRIVE AND MISCELLANEOUS COVERS

GEHÄUSE KOMPLETT, NÄHTEILE, KURBELWELLE, NADEL-, GREIFER-,  
TRANSPORT-, MESSERANTRIEB UND VERSCHIEDENE ABDECKUNGEN

| Ref.No. | Part No.  | Description                                                                                                                                    | Beschreibung                                                                                                                             | Amt. Req. |
|---------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Pos.Nr. | Teil Nr.  |                                                                                                                                                |                                                                                                                                          | Anzahl    |
| 63      | 2133      | Stitch Regulating Stop                                                                                                                         | Einlegscheibe                                                                                                                            | 1         |
| 64      | 2132      | Stitch Regulating Screw                                                                                                                        | Stellschraube                                                                                                                            | 1         |
| 65      | 22561     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 66      | 2148      | Washer                                                                                                                                         | Scheibe                                                                                                                                  | 1         |
| 67      | G 29490   | Crank Shaft Assembly                                                                                                                           | Kurbelwelle komplett                                                                                                                     | 1         |
| 68      | 2155      | Bearing                                                                                                                                        | Doppellager                                                                                                                              | 1         |
| 69      | 2122      | Crank Shaft                                                                                                                                    | Kurbelwelle                                                                                                                              | 1         |
| 70      | 2154      | Ball Screw                                                                                                                                     | Kugelschraube                                                                                                                            | 1         |
| 71      | G 10349   | Ball Screw                                                                                                                                     | Kugelschraube                                                                                                                            | 1         |
| 72      | 2145      | Bearing                                                                                                                                        | Doppellager                                                                                                                              | 1         |
| 73      | 2182 D    | Rubber Gasket                                                                                                                                  | Dichtungsscheibe aus Gummi                                                                                                               | 1         |
| 74      | 2101      | Cover Assembly                                                                                                                                 | Abdeckblech komplett                                                                                                                     | 1         |
| 75      | 2182 A    | Rubber Plate                                                                                                                                   | Abdeckgummi                                                                                                                              | 1         |
| 76      | 28        | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 77      | 87 A      | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 78      | 22585     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 79      | 2182 C    | Cover Plate                                                                                                                                    | Deckblech                                                                                                                                | 1         |
| 80      | 2182 B    | Rubber Plate                                                                                                                                   | Abdeckgummi                                                                                                                              | 1         |
| 81      | 22528     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 82      | 2129      | Housing Assembly                                                                                                                               | Gehäuse komplett                                                                                                                         | 1         |
| 83      | 96511     | Pin                                                                                                                                            | Stift                                                                                                                                    | 2         |
| 84      | 99266     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 5         |
| 85      | 999-104 A | Plug                                                                                                                                           | Verschlußstopfen                                                                                                                         | 1         |
| 86      | 2141      | Needle Lever Shaft                                                                                                                             | Nadelhebelwelle                                                                                                                          | 1         |
| 87      | 96256     | Locking Washer                                                                                                                                 | Sicherungsscheibe                                                                                                                        | 1         |
| 88      | 2157      | Front Cover                                                                                                                                    | Verschlußklappe                                                                                                                          | 1         |
| 89      | 22825     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 90      | 99373     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 91      | 2183      | Cover                                                                                                                                          | Abdeckblech                                                                                                                              | 1         |
| 92      | J 1614    | Spring Washer                                                                                                                                  | Federscheibe                                                                                                                             | 1         |
| 93      | 99269     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 94      | 2150      | Lower Knife Holder                                                                                                                             | Halter für Untermesser                                                                                                                   | 1         |
| 95      | 538       | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 96      | 2149      | Lower Knife                                                                                                                                    | Untermesser                                                                                                                              | 1         |
| 97      | 22542     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 98      | 2170      | Upper Knife                                                                                                                                    | Obermesser                                                                                                                               | 1         |
| 99      | G 29494   | Lever Assembly for Upper Knife                                                                                                                 | Obermesser-Hebel komplett                                                                                                                | 1         |
| 100     | 73        | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 101     | 22764     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 102     | 88        | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 103     | 2171      | Lever for Upper Knife                                                                                                                          | Hebel für Obermesser                                                                                                                     | 1         |
| 104     | 2171 D    | Shaft for Upper Knife Lever                                                                                                                    | Welle für Obermesserhebel                                                                                                                | 1         |
| 105     | G 29497   | Throat Plate and Chaining Block Assembly                                                                                                       | Stichplatte mit Kettelfuß komplett                                                                                                       | 1         |
| 106     | 2127      | Chaining Block Assembly                                                                                                                        | Kettelfuß komplett                                                                                                                       | 1         |
| 107     | 2127 C    | Spring                                                                                                                                         | Druckfeder                                                                                                                               | 1         |
| 108     | 2127 A    | Chaining Block                                                                                                                                 | Kettelfuß                                                                                                                                | 1         |
| 109     | 2127 B    | Guide for Chaining Block                                                                                                                       | Führung für Kettelfuß                                                                                                                    | 1         |
| 110     | 96675     | Clamping Sleeve                                                                                                                                | Spannhülse                                                                                                                               | 1         |
| 111     | 2124      | Throat Plate                                                                                                                                   | Stichplatte                                                                                                                              | 1         |
| 112     | 87 U      | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 113     | 87 U      | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 114     | 77 K      | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 115     | 2130      | Throat Plate Needle Hole Section<br>(Necessary for closing bags made of extreme<br>thin and soft fabrics, deliverable against extra<br>charge) | Stichplattenauflege<br>(Notwendig zum Zunähen von Säcken aus<br>extremen dünnen und weichen Stoffen, gegen<br>Extraberechnung lieferbar) | 1         |
| 116     | 2111      | Loop Retainer for Single-Thread-Chain-Stitch<br>(Stitch Type 101)                                                                              | Schleifenrückhalter für Einfachkettenstich<br>(Stichtyp 101)                                                                             | 1         |
| 117     | 22561     | Screw                                                                                                                                          | Schraube                                                                                                                                 | 1         |
| 118     | 90        | Screw                                                                                                                                          | Schraube                                                                                                                                 | 2         |
| 119     | 2182      | Cover                                                                                                                                          | Abdeckblech                                                                                                                              | 1         |

from Ref. No. 1 to Ref. No. 62 see preceding Page

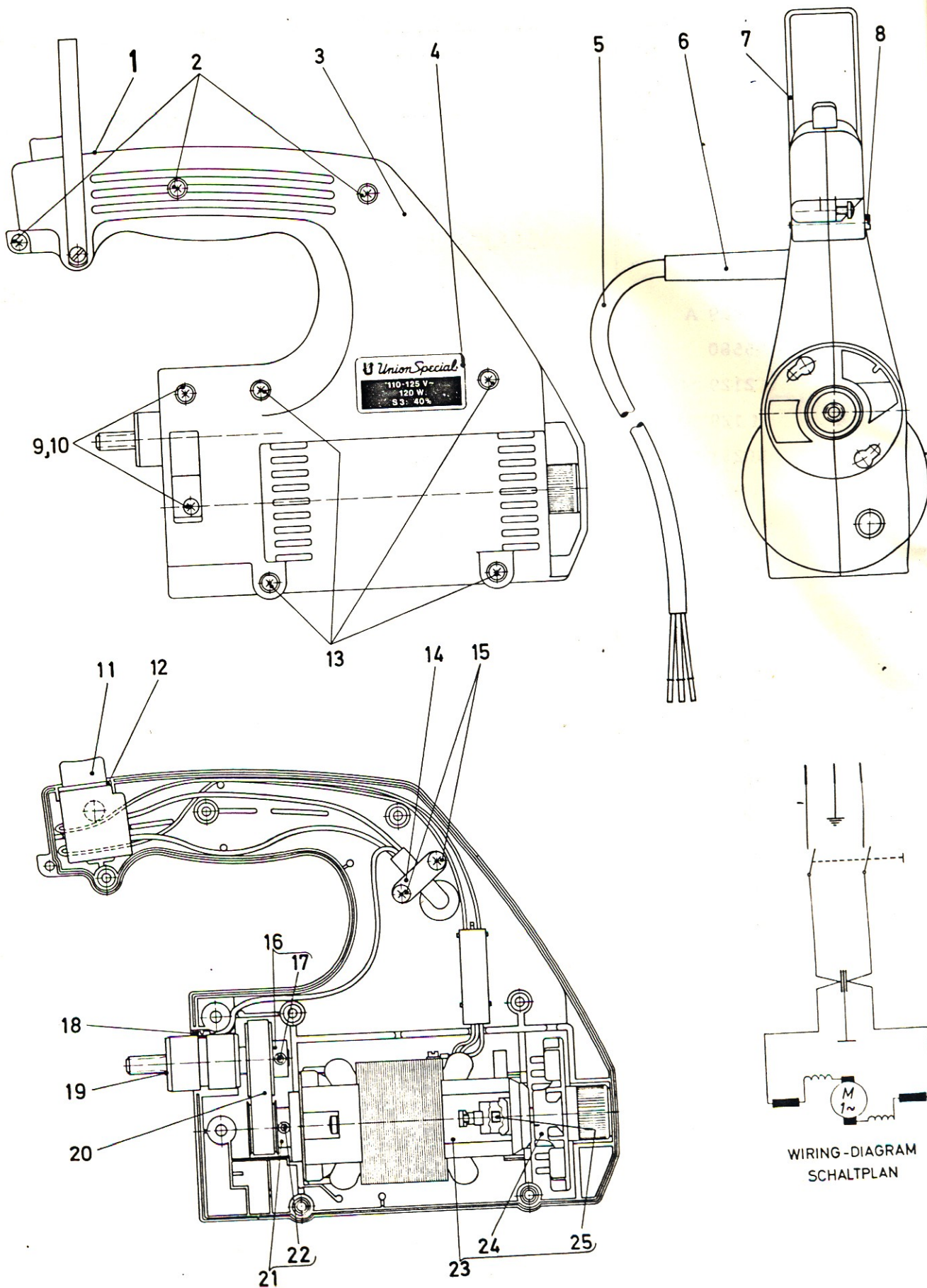
von Pos. Nr. 1 bis Pos. Nr. 62 siehe vorhergehende Seite



MOTOR ASSEMBLY PART NO. 29929 A (220-240 V/50-60 Cycles) STYLES 2200 A, AA  
Protection Class I with earthing conductor

MOTOR KOMPLETT TEIL NR. 29929 A (220-240 V/50-60 Hz) MASCHINEN 2200 A, AA  
Schutzklasse I mit Schutzleiter

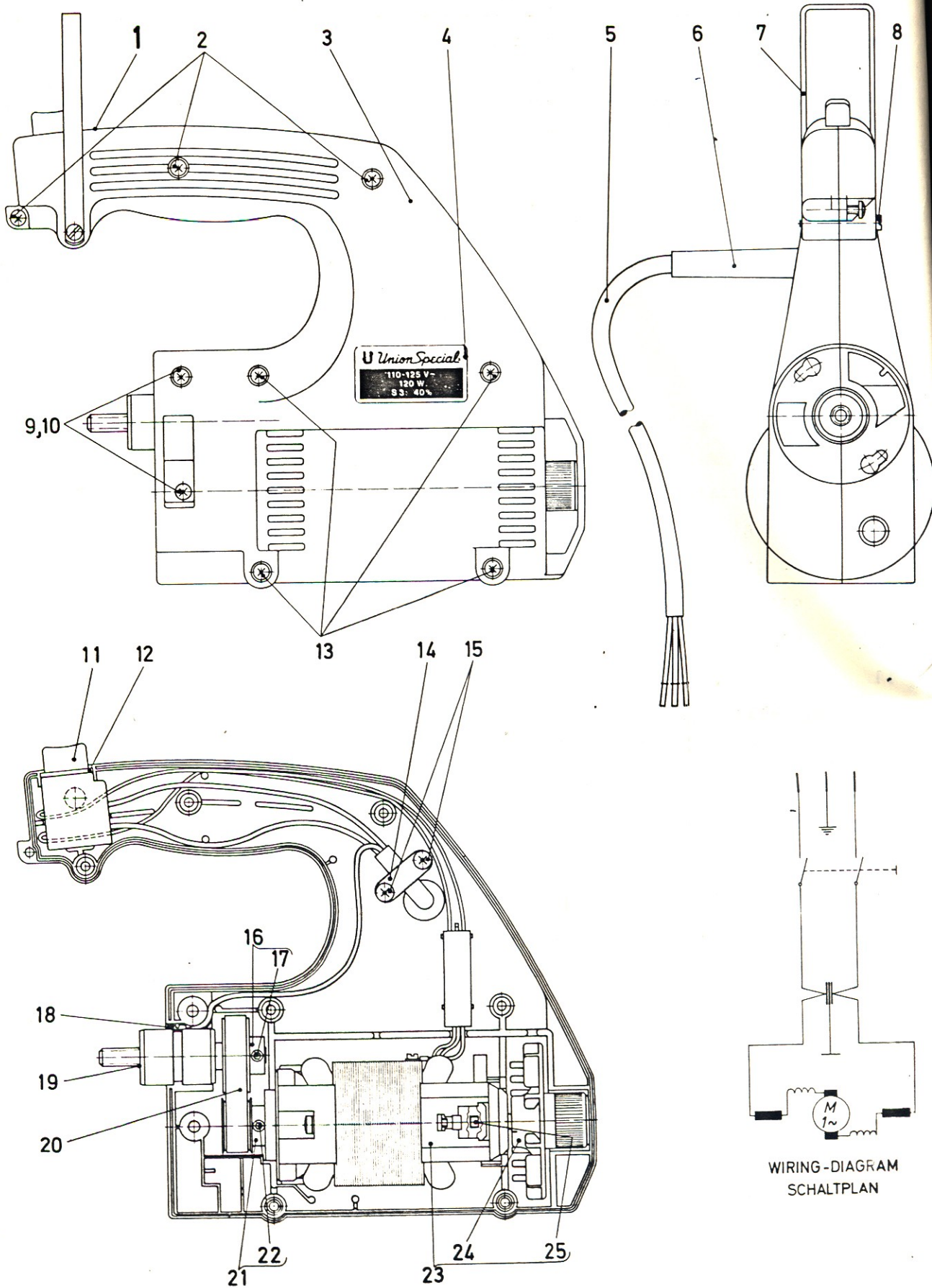
| <u>Ref. No.</u>          | <u>Part No.</u> | <u>Description</u>           | <u>Beschreibung</u>          | <u>Amt. Req.</u> |
|--------------------------|-----------------|------------------------------|------------------------------|------------------|
| <u>Pos.Nr.</u>           | <u>Teil Nr.</u> |                              |                              | <u>Anzahl</u>    |
| 1                        | 29929 A         | Motor assembly               | Motor komplett               | 1                |
| 2                        | 95580           | Screw                        | Schraube                     | 3                |
| 3                        | 2129 M          | Motor housing                | Motorgehäuse                 | 1                |
| 4                        | M 129 VE        | Power plate                  | Leistungsschild              | 1                |
| 5                        | 90233 B         | Cable with plug              | Kabel mit Stecker            | 1                |
| 6                        | 998-416         | Protecting sleeve            | Knickschutztülle             | 1                |
| 7                        | 2288            | Bracket                      | Haltebügel                   | 1                |
| 8                        | 99271           | Screw                        | Schraube                     | 1                |
| 9                        | 95665           | Screw                        | Schraube                     | 2                |
| 10                       | 95257           | Nut                          | Mutter                       | 2                |
| 11                       | 998-20 B        | Switch                       | Druckknopfschalter           | 1                |
| 12                       | 998-20 BA       | Gasket                       | Filzrahmen                   | 1                |
| 13                       | 95581           | Screw                        | Schraube                     | 4                |
| 14                       | 99654 B         | Cable clamp                  | Kabelschelle                 | 1                |
| 15                       | 95580           | Screw                        | Schraube                     | 2                |
| 16                       | 2265 D          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 17                       | 95515           | Screw                        | Gewindestift                 | 1                |
| 18                       | 95182 MS        | Earth screw                  | Erdungsschraube              | 1                |
| 19                       | 2265            | Pinion with bearing assembly | Ritzel mit Lager komplett    | 1                |
| 20                       | 999-233         | Toothed belt                 | Zahnriemen                   | 1                |
| 21                       | 2265 C          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 22                       | 95515           | Screw                        | Gewindestift                 | 1                |
| 23                       | 997 A-502       | Built-in motor               | Einbaumotor                  | 1                |
| 24                       | 995-506 A       | Cooling fan                  | Lüfterflügel                 | 1                |
| 25                       | 995-518 A       | Commutator brush             | Kohlebürste                  | 2                |
| ALWAYS ORDER<br>IN PAIRS |                 |                              | IMMER PAARWEISE<br>BESTELLEN |                  |



MOTOR ASSEMBLY PART NO. 29929 B (110-125 V/50-60 Cycles) STYLES 2200 B, BA  
Protection Class I with earthing conductor green

MOTOR KOMPLETT TEIL NR. 29929 B (110-125 V/50-60 Hz) MASCHINEN 2200 B, BA  
Schutzklasse I mit Schutzleiter grün

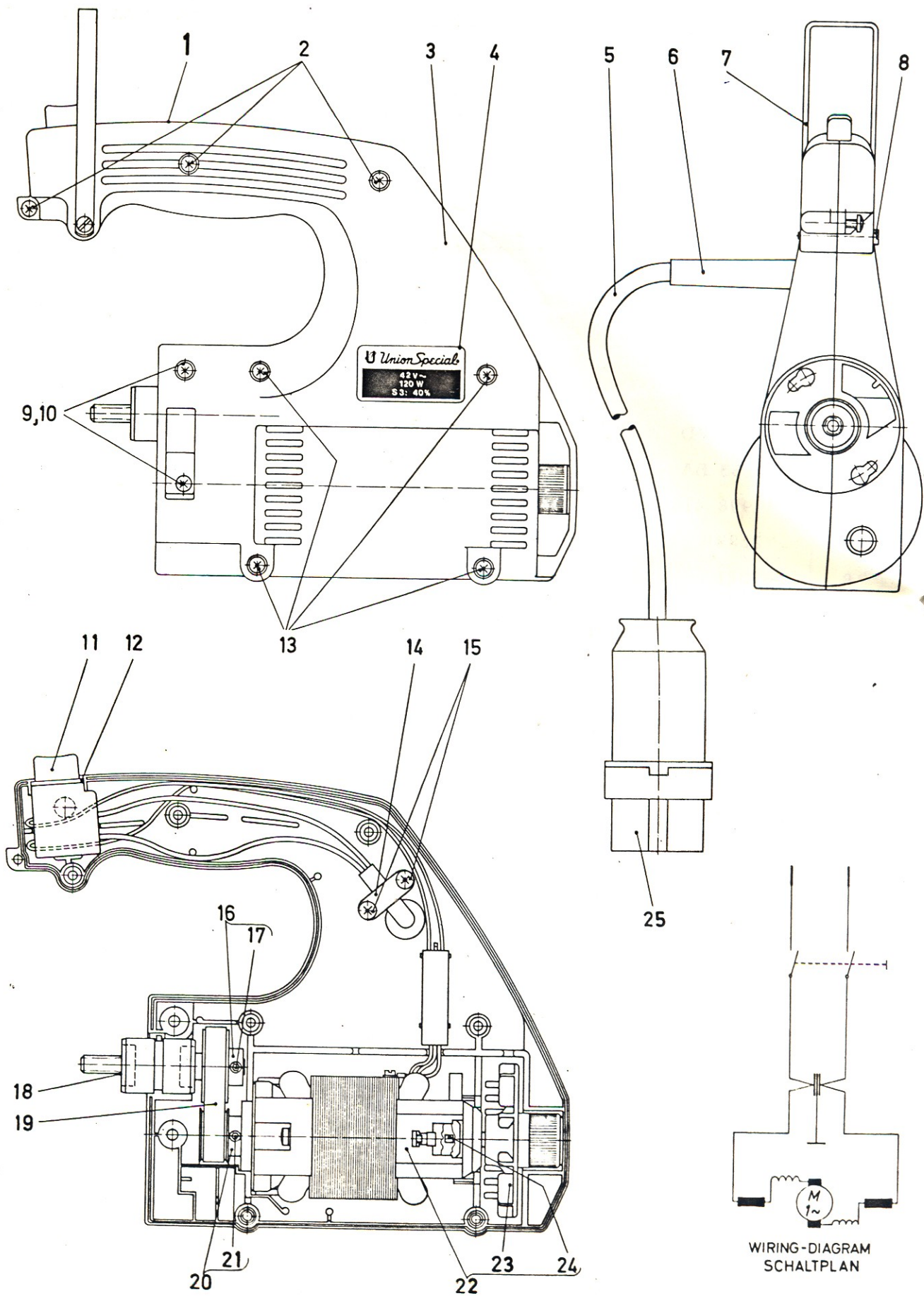
| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u>           | <u>Beschreibung</u>          | <u>Amt. Req.</u> |
|-----------------|-----------------|------------------------------|------------------------------|------------------|
| <u>Pos. Nr.</u> | <u>Teil Nr.</u> |                              |                              | <u>Anzahl</u>    |
| 1               | 29929 B         | Motor assembly               | Motor komplett               | 1                |
| 2               | 95580           | Screw                        | Schraube                     | 3                |
| 3               | 2129 M          | Motor housing                | Motorgehäuse                 | 1                |
| 4               | M 129 VD        | Power plate                  | Leistungsschild              | 1                |
| 5               | 90233 BA        | Cable                        | Kabel                        | 1                |
| 6               | 998-416         | Protecting sleeve            | Knickschutztülle             | 1                |
| 7               | 2288            | Bracket                      | Haltebügel                   | 1                |
| 8               | 99271           | Screw                        | Schraube                     | 1                |
| 9               | 95665           | Screw                        | Schraube                     | 2                |
| 10              | 95257           | Nut                          | Mutter                       | 2                |
| 11              | 998-20 B        | Switch                       | Druckknopfschalter           | 1                |
| 12              | 998-20 BA       | Gasket                       | Filzrahmen                   | 1                |
| 13              | 95581           | Screw                        | Schraube                     | 4                |
| 14              | 99654 B         | Cable clamp                  | Kabelschelle                 | 1                |
| 15              | 95580           | Screw                        | Schraube                     | 2                |
| 16              | 2265 D          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 17              | 95515           | Screw                        | Gewindestift                 | 1                |
| 18              | 95182 MS        | Earth screw                  | Erdungsschraube              | 1                |
| 19              | 2265            | Pinion with bearing assembly | Ritzel mit Lager komplett    | 1                |
| 20              | 999-233         | Toothed belt                 | Zahnriemen                   | 1                |
| 21              | 2265 C          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 22              | 95515           | Screw                        | Gewindestift                 | 1                |
| 23              | 997 B-502       | Built-in motor               | Einbaumotor                  | 1                |
| 24              | 995-506 A       | Cooling fan                  | Lüfterflügel                 | 1                |
| 25              | 995-518 A       | Commutator brush             | Kohlebürste                  | 2                |
|                 |                 | ALWAYS ORDER<br>IN PAIRS     | IMMER PAARWEISE<br>BESTELLEN |                  |



MOTOR ASSEMBLY PART NO. 29929 B (110-125 V/50-60 Cycles) STYLES 2200 B, BA  
Protection Class I with earthing conductor green

MOTOR KOMPLETT TEIL NR. 29929 B (110-125 V/50-60 Hz) MASCHINEN 2200 B, BA  
Schutzklasse I mit Schutzleiter grün

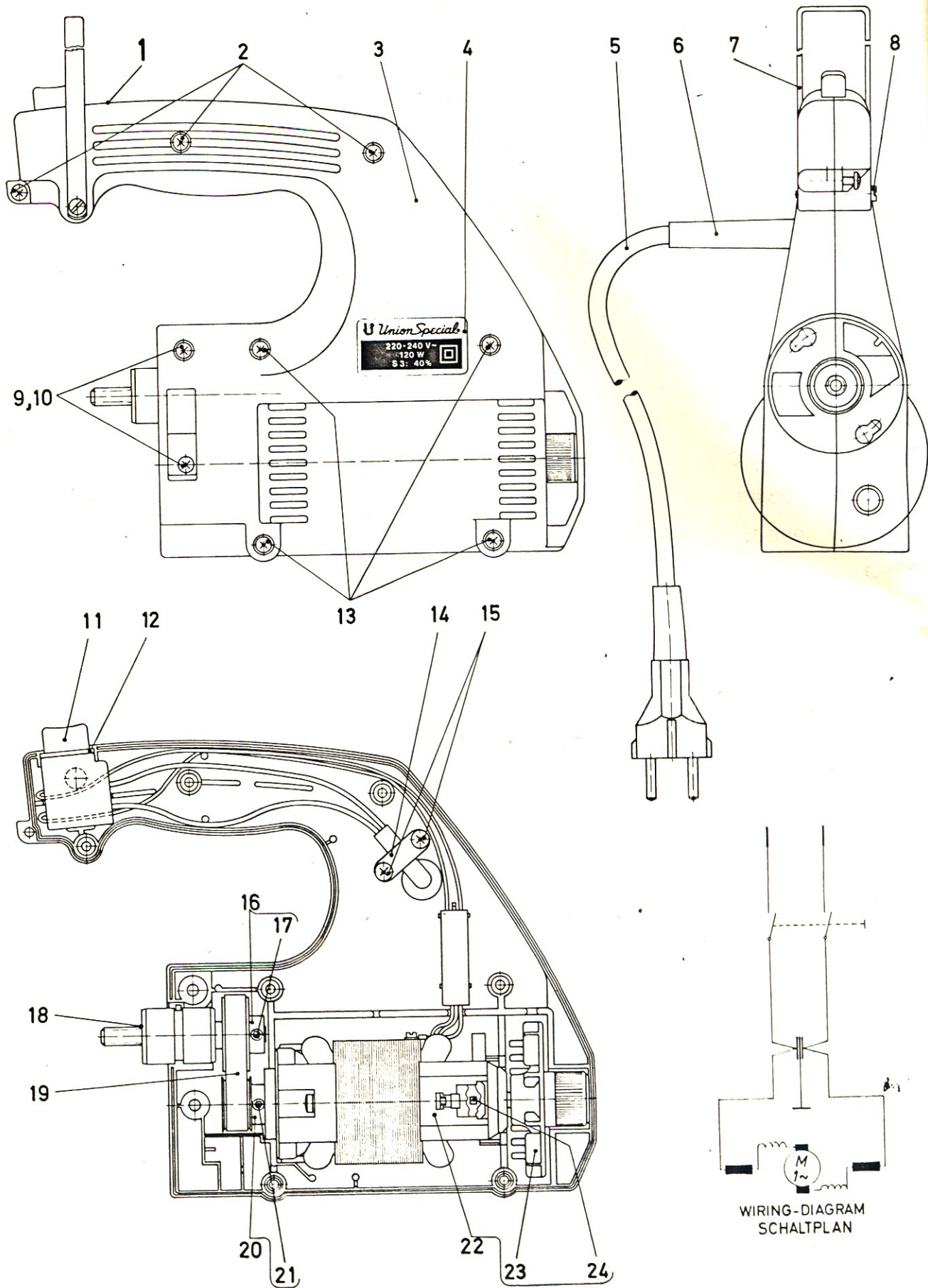
| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u>           | <u>Beschreibung</u>          | <u>Amt. Req.</u> |
|-----------------|-----------------|------------------------------|------------------------------|------------------|
| <u>Pos. Nr.</u> | <u>Teil Nr.</u> |                              |                              | <u>Anzahl</u>    |
| 1               | 29929 B         | Motor assembly               | Motor komplett               | 1                |
| 2               | 95580           | Screw                        | Schraube                     | 3                |
| 3               | 2129 M          | Motor housing                | Motorgehäuse                 | 1                |
| 4               | M 129 VD        | Power plate                  | Leistungsschild              | 1                |
| 5               | 90233 BA        | Cable                        | Kabel                        | 1                |
| 6               | 998-416         | Protecting sleeve            | Knickschutztülle             | 1                |
| 7               | 2288            | Bracket                      | Haltebügel                   | 1                |
| 8               | 99271           | Screw                        | Schraube                     | 1                |
| 9               | 95665           | Screw                        | Schraube                     | 2                |
| 10              | 95257           | Nut                          | Mutter                       | 2                |
| 11              | 998-20 B        | Switch                       | Druckknopfschalter           | 1                |
| 12              | 998-20 BA       | Gasket                       | Filzrahmen                   | 1                |
| 13              | 95581           | Screw                        | Schraube                     | 4                |
| 14              | 99654 B         | Cable clamp                  | Kabelschelle                 | 1                |
| 15              | 95580           | Screw                        | Schraube                     | 2                |
| 16              | 2265 D          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 17              | 95515           | Screw                        | Gewindestift                 | 1                |
| 18              | 95182 MS        | Earth screw                  | Erdungsschraube              | 1                |
| 19              | 2265            | Pinion with bearing assembly | Ritzel mit Lager komplett    | 1                |
| 20              | 999-233         | Toothed belt                 | Zahnriemen                   | 1                |
| 21              | 2265 C          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 22              | 95515           | Screw                        | Gewindestift                 | 1                |
| 23              | 997 B-502       | Built-in motor               | Einbaumotor                  | 1                |
| 24              | 995-506 A       | Cooling fan                  | Lüfterflügel                 | 1                |
| 25              | 995-518 A       | Commutator brush             | Kohlebürste                  | 2                |
|                 |                 | ALWAYS ORDER<br>IN PAIRS     | IMMER PAARWEISE<br>BESTELLEN |                  |



MOTOR ASSEMBLY PART NO. 29929 F (42 V/50-60 Cycles) STYLES 2200 F, FA  
Protection Class III for safety extra-low voltage

MOTOR KOMPLETT TEIL NR. 29929 F (42 V/50-60 Hz) MASCHINEN 2200 F, FA  
Schutzklasse III für Schutzkleinspannung

| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u>                           | <u>Beschreibung</u>                         | <u>Amt. Req.</u> |
|-----------------|-----------------|----------------------------------------------|---------------------------------------------|------------------|
| <u>Pos.Nr.</u>  | <u>Teil Nr.</u> |                                              |                                             | <u>Anzahl</u>    |
| 1               | 29929 F         | Motor assembly                               | Motor komplett                              | 1                |
| 2               | 95580           | Screw                                        | Schraube                                    | 3                |
| 3               | 2129 M          | Motor housing                                | Motorgehäuse                                | 1                |
| 4               | M 129 VC        | Power plate                                  | Leistungsschild                             | 1                |
| 5               | 90233 F         | Cable                                        | Kabel                                       | 1                |
| 6               | 998-416         | Protecting sleeve                            | Knickschutztülle                            | 1                |
| 7               | 2288            | Bracket                                      | Haltebügel                                  | 1                |
| 8               | 99271           | Screw                                        | Schraube                                    | 1                |
| 9               | 95665           | Screw                                        | Schraube                                    | 2                |
| 10              | 95257           | Nut                                          | Mutter                                      | 2                |
| 11              | 998-20 B        | Switch                                       | Druckknopfschalter                          | 1                |
| 12              | 998-20 BA       | Gasket                                       | Filzrahmen                                  | 1                |
| 13              | 95581           | Screw                                        | Schraube                                    | 4                |
| 14              | 99654 B         | Cable clamp                                  | Kabelschelle                                | 1                |
| 15              | 95580           | Screw                                        | Schraube                                    | 2                |
| 16              | 2265 D          | Sprocket wheel                               | Zahnriemenscheibe                           | 1                |
| 17              | 95515           | Screw                                        | Gewindestift                                | 1                |
| 18              | 2265 B          | Pinion with bearing assembly                 | Ritzel mit Lager komplett                   | 1                |
| 19              | 999-233         | Toothed belt                                 | Zahnriemen                                  | 1                |
| 20              | 2265 C          | Sprocket wheel                               | Zahnriemenscheibe                           | 1                |
| 21              | 95515           | Screw                                        | Gewindestift                                | 1                |
| 22              | 997 F-502       | Built-in motor                               | Einbaumotor                                 | 1                |
| 23              | 995-506 A       | Cooling fan                                  | Lüfterflügel                                | 1                |
| 24              | 995-518 F       | Commutator brush<br>ALWAYS ORDER<br>IN PAIRS | Kohlebürste<br>IMMER PAARWEISE<br>BESTELLEN | 2                |
| 25              | 998-266 A       | Plug                                         | Stecker                                     | 1                |



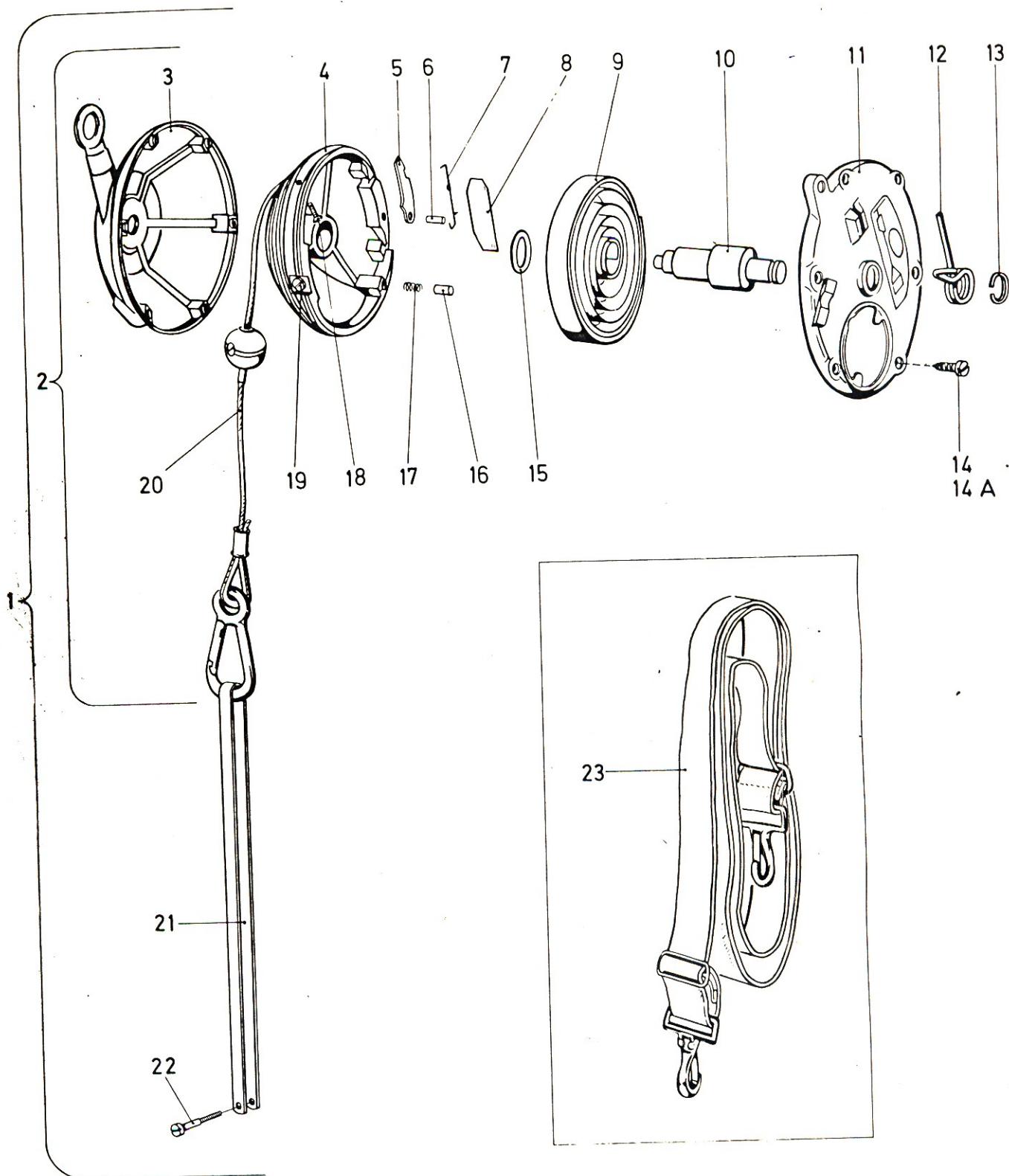
MOTOR ASSEMBLY PART NO. 29929 AS (220-240 V/50-60 Cycles) STYLES 2200 AS, AAS

Protection Class II without earthing conductor

MOTOR KOMPLETT TEIL NR. 29929 AS (220-240 V/50-60 Hz) MASCHINEN 2200 AS, AAS

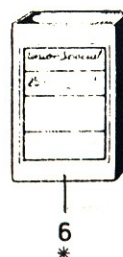
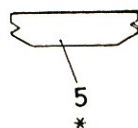
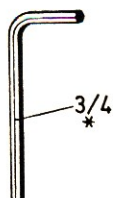
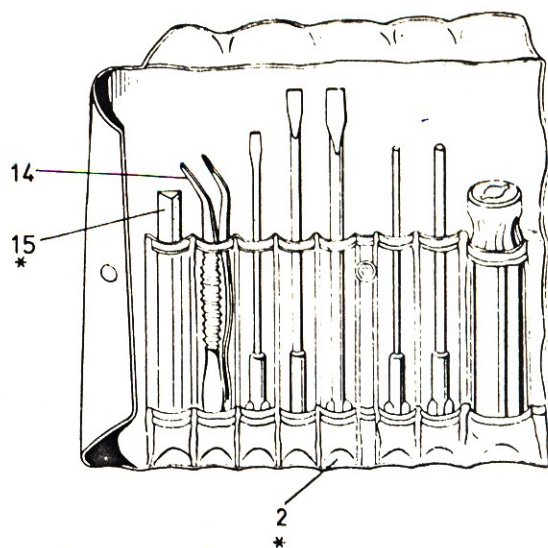
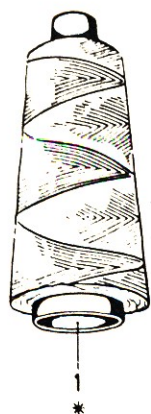
Schutzklasse II ohne Schutzleiter

| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u>           | <u>Beschreibung</u>          | <u>Amt. Req.</u> |
|-----------------|-----------------|------------------------------|------------------------------|------------------|
| <u>Pos.Nr.</u>  | <u>Teil Nr.</u> |                              |                              | <u>Anzahl</u>    |
| 1               | 29929 AS        | Motor assembly               | Motor komplett               | 1                |
| 2               | 95580           | Screw                        | Schraube                     | 3                |
| 3               | 2129 M          | Motor housing                | Motorgehäuse                 | 1                |
| 4               | M 129 VF        | Power plate                  | Leistungsschild              | 1                |
| 5               | 90233 A         | Cable with plug              | Kabel mit Stecker            | 1                |
| 6               | 998-416         | Protecting sleeve            | Knickschutztülle             | 1                |
| 7               | 2288            | Bracket                      | Haltebügel                   | 1                |
| 8               | 99271           | Screw                        | Schraube                     | 1                |
| 9               | 95665           | Screw                        | Schraube                     | 2                |
| 10              | 95257           | Nut                          | Mutter                       | 2                |
| 11              | 998-20 B        | Switch                       | Druckknopfschalter           | 1                |
| 12              | 998-20 BA       | Gasket                       | Filzrahmen                   | 1                |
| 13              | 95581           | Screw                        | Schraube                     | 4                |
| 14              | 99654 B         | Cable clamp                  | Kabelschelle                 | 1                |
| 15              | 95580           | Screw                        | Schraube                     | 2                |
| 16              | 2265 D          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 17              | 95515           | Screw                        | Gewindestift                 | 1                |
| 18              | 2265 B          | Pinion with bearing assembly | Ritzel mit Lager komplett    | 1                |
| 19              | 999-233         | Toothed belt                 | Zahnriemen                   | 1                |
| 20              | 2265 C          | Sprocket wheel               | Zahnriemenscheibe            | 1                |
| 21              | 95515           | Screw                        | Gewindestift                 | 1                |
| 22              | 997 A-502       | Built-in motor               | Einbaumotor                  | 1                |
| 23              | 995-506 A       | Cooling fan                  | Lüfterflügel                 | 1                |
| 24              | 995-518 A       | Commutator brush             | Kohlebürste                  | 2                |
|                 |                 | ALWAYS ORDER<br>IN PAIRS     | IMMER PAARWEISE<br>BESTELLEN |                  |



BALANCER ASSEMBLY PART NO. G 20191 MBALANCER KOMPLETT TEIL NR. G 20191 M

| <u>Ref. No.</u> | <u>Part No.</u> | <u>Description</u>                                                        | <u>Beschreibung</u>                                                                   | <u>Amt. Req.</u> |
|-----------------|-----------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------|
| <u>Pos.Nr.</u>  | <u>Teil Nr.</u> |                                                                           |                                                                                       | <u>Anzahl</u>    |
| 1               | G 20191 M       | Balancer Assembly                                                         | Balancer komplett                                                                     | 1                |
| 2               | G 20191 M-1     | Balancer                                                                  | Balancer                                                                              | 1                |
| 3               | G 20191 M-4     | Balance Housing                                                           | Balancer Gehäuse                                                                      | 1                |
| 4               | G 20191 M-5     | Cable Drum                                                                | Seiltrommel                                                                           | 1                |
| 5               | G 20191 M-6     | Pawl                                                                      | Raste                                                                                 | 1                |
| 6               | G 20191 M-7     | Notched Pin                                                               | Kerbstift                                                                             | 1                |
| 7               | G 20191 M-8     | Retaining Spring                                                          | Haltefeder                                                                            | 1                |
| 8               | G 20191 M-10    | Leaf Spring                                                               | Blattfeder                                                                            | 1                |
| 9               | G 20191 MA      | Coil Spring                                                               | Spiralfeder                                                                           | 1                |
| 10              | G 20191 M-14    | Stud with ball Oiler<br>for Pressure Gun                                  | Spannbolzen mit<br>Kugeldrucköler                                                     | 1                |
| 11              | G 20191 M-13    | Cover                                                                     | Deckel                                                                                | 1                |
| 12              | G 20191 M-12    | Spring with Bending Tag                                                   | Biegefeder                                                                            | 1                |
| 13              | G 20191 M-15    | Snap Ring                                                                 | Sprengring                                                                            | 1                |
| 14              | G 20191 M-18    | Slotted Screw                                                             | Linsenschraube                                                                        | 6                |
| 14A             | G 20191 M-18A   | Sheet-Metal-Screw<br>FOR BALANCER, DELIV-<br>ERED AFTER THE<br>1. 1. 1970 | Zylinderblechschraube<br>FÜR BALANCER DIE<br>NACH DEM 1. 1. 1970<br>AUSGELIEFERT SIND | 6                |
| 15              | G 20191 M-11    | Washer                                                                    | Beilegering                                                                           | 1                |
| 16              | G 20191 M-9     | Thrust Pin                                                                | Druckbolzen                                                                           | 1                |
| 17              | G 20191 M-3     | Compression Spring                                                        | Druckfeder                                                                            | 1                |
| 18              | G 20191 M-17    | Screw                                                                     | Schraube                                                                              | 2                |
| 19              | G 20191 M-16    | Screw                                                                     | Schraube                                                                              | 1                |
| 20              | G 20191 M-2     | Wire Cable                                                                | Drahtseil                                                                             | 1                |
| 21              | 2188            | Bracket                                                                   | Haltebügel                                                                            | 1                |
| 22              | 99271           | Screw                                                                     | Schraube                                                                              | 1                |
| 23              | 2199            | Strap Assembly<br>DELIFERABLE AGAINST<br>EXTRA CHARGE                     | Tragegurt komplett<br>GEGEN EXTRABERECHNUNG<br>LIEFERBAR                              | 1                |



# A C C E S S O R I E S

## Z U B E H Ö R

| <u>Ref. No.</u><br><u>Pos.Nr.</u> | <u>Part No.</u><br><u>Teil Nr.</u> | <u>Description</u>                                       | <u>Beschreibung</u>                                    | <u>Amt. Req.</u><br><u>Anzahl</u> |
|-----------------------------------|------------------------------------|----------------------------------------------------------|--------------------------------------------------------|-----------------------------------|
| * 1                               | Z-1-124                            | 50 gram Yarn-cone                                        | 50 gramm Garn-kegel                                    | 1 or/oder 2                       |
| * 2                               | G 21208                            | Tool-Bag                                                 | Werkzeugtasche                                         | 1                                 |
| * 3                               | 95601                              | Wrench for Hexagon<br>Socket Head Screw,<br>Size : 4 mm  | Sechskantstift-<br>schlüssel,<br>SW 4 mm               | 1                                 |
| * 4                               | 95606                              | Wrench for Hexagon<br>Socket Head Screw,<br>Size:2, 5 mm | Sechskantstift-<br>schlüssel,<br>SW 2, 5 mm            | 1                                 |
| * 5                               | 21225-4-0, 45                      | Looper Gauge                                             | Greiferabstandslehre                                   | 1                                 |
| * 6                               | 9854 G-Div.                        | Needle                                                   | Nadel                                                  | 1                                 |
| * 7                               | 95626                              | Cross Head Screw<br>Driver, Size 2                       | Kreuzlochschrauben-<br>dreher, Größe 2                 | 1                                 |
| * 8                               | 21202                              | Screw Driver<br>0, 8 x 5, 5 x 275 mm<br>Length over all  | Schraubendreher<br>0, 8 x 5, 5 x 275 mm<br>Gesamtlänge | 1                                 |
| 9                                 | 21201                              | Screw Driver<br>0, 5 x 3, 5 x 195 mm<br>Length over all  | Schraubendreher<br>0, 5 x 3, 5 x 195 mm<br>Gesamtlänge | 1                                 |
| * 10                              | J 118 B                            | Threading Hook                                           | Einfädelhaken                                          | 1                                 |
| * 11                              | 116                                | Single ended open<br>Jaw Wrench,<br>Size 7, 2 mm         | Einmaulschlüssel<br>SW 7, 2 mm                         | 1                                 |
| * 12                              | G 28604 L                          | Container of Oil                                         | Ölkanne                                                | 1                                 |
| 13                                | G 43294 B                          | Oil Can                                                  | Öler                                                   | 1                                 |
| 14                                | 118 G                              | Tweezers, curved                                         | Pinzette, gebogen                                      | 1                                 |
| * 15                              | 999-117                            | Grind File                                               | Carborundum Feile                                      | 1                                 |

\* Not included in accessories.

If desired, order as an extra.

Gehört nicht zum Standardzubehör. Falls gewünscht extra bestellen.