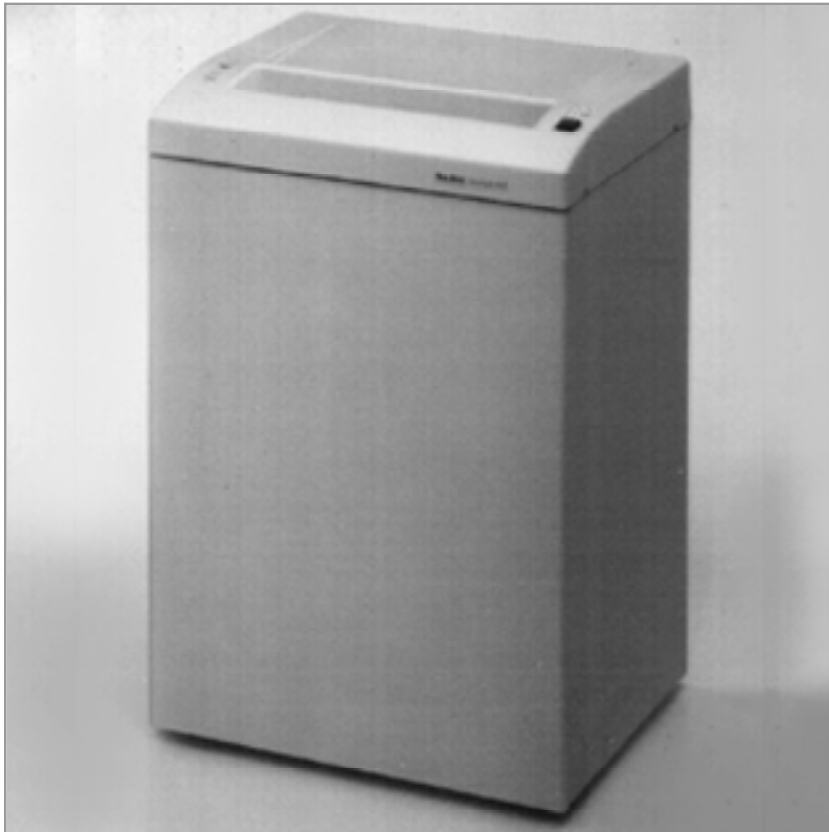


# Geha



Modell

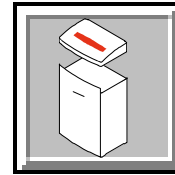
**Primo 3900**

Masch.-Nr.

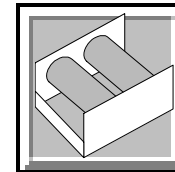
**1.394.131**



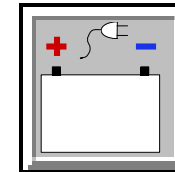
D



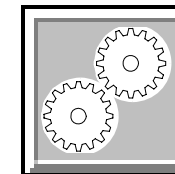
**Gehäuse**



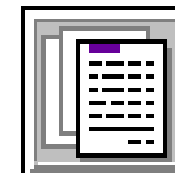
**Schneidwerk**



**Elektrik**



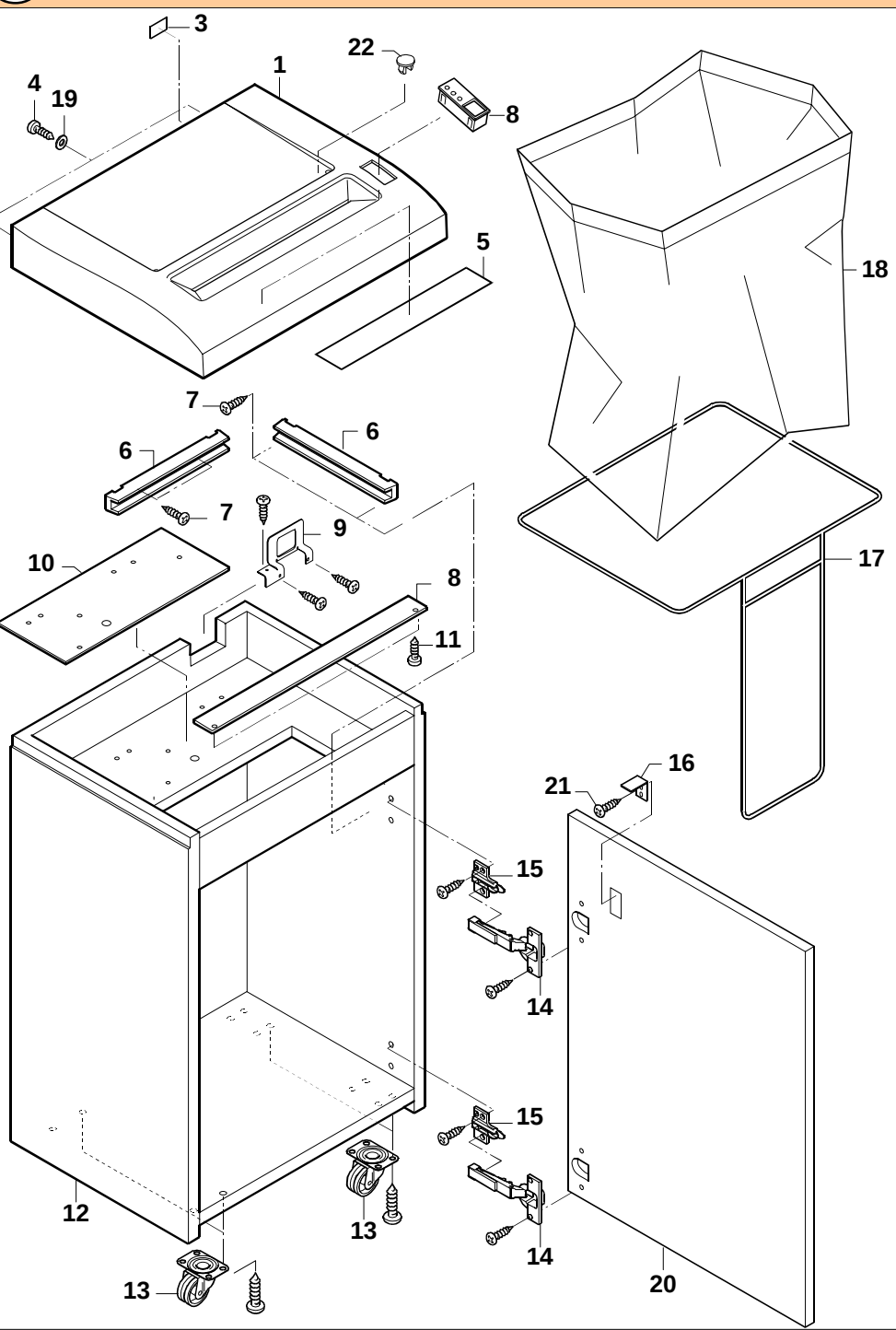
**Antrieb**



**Stromplan**

|                                                |                 |
|------------------------------------------------|-----------------|
| <b>Schnittart</b>                              | Streifenschnitt |
| <b>Schnittgröße</b>                            | 3,9 mm          |
| <b>Sicherheitsstufe</b> DIN 32757-1            | 2               |
| <b>Blattleistung</b> Papier DIN 19307 SM 4a-70 | 28-30 Blatt     |
| <b>Schnittgeschwindigkeit</b>                  | 126 mm/s        |
| <b>Arbeitsbreite</b>                           | 400 mm          |
| <b>Leistung</b>                                | 1150 W          |
| <b>Anschluß</b>                                | 230 V/50Hz      |
| <b>Maße</b> (BxTxH) mm                         | 595x470x878     |
| <b>Gewicht</b>                                 | 52 kg           |
| <b>V-Schnittgutbehälter</b>                    | 156 l           |

D



**Primo 3900**

Modell

**1.394.131**

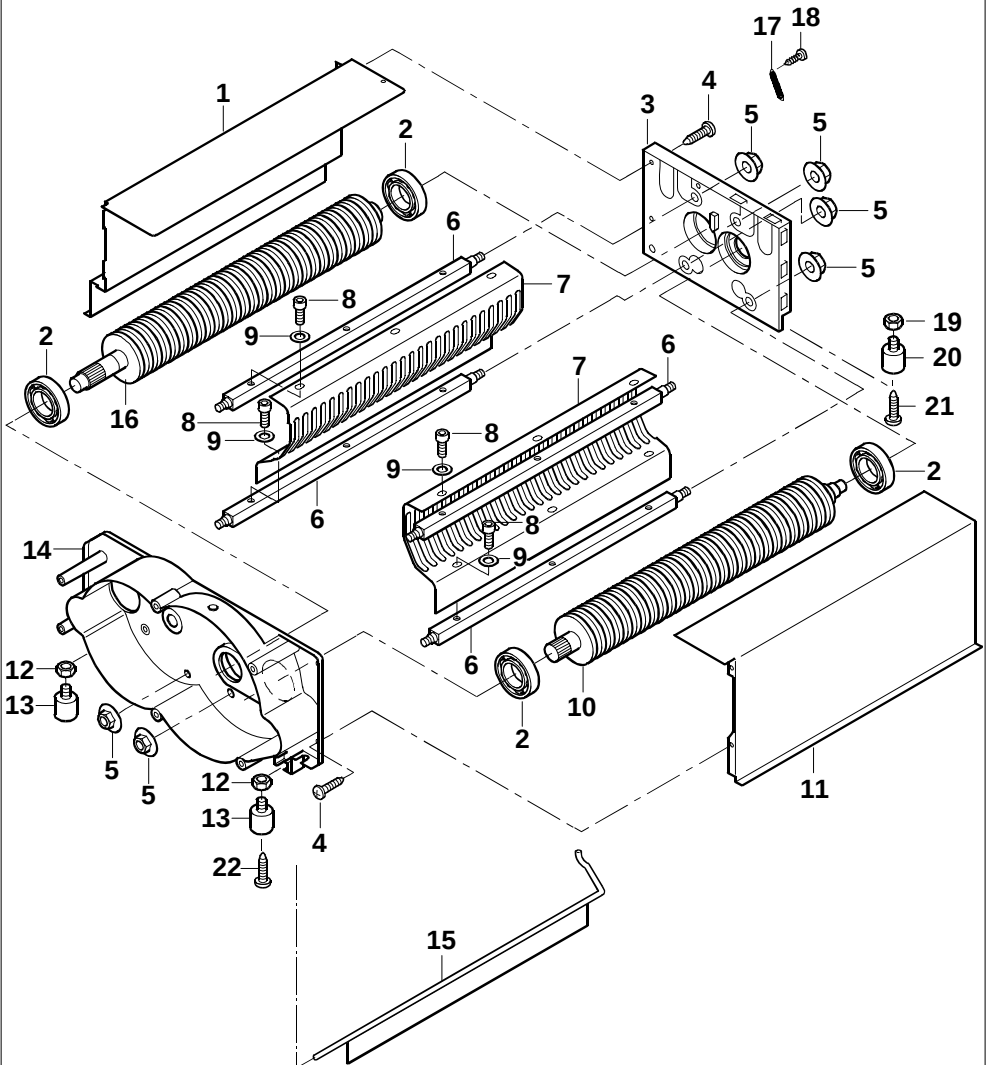
Masch.-Nr.

**Gehäuse**

Baugruppe



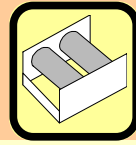
| Pos. | Artikel-Nr.   | Bezeichnung         | Ausführung         | DIN  | Anz. |
|------|---------------|---------------------|--------------------|------|------|
| 1    | 1.456.050.101 | Gehäuseoberteil     |                    |      | 1    |
| 2    | 1.394.999.200 | Maschinenaufkleber  | Primo 3900         |      | 1    |
| 3    | 1.442.999.300 | Aufkleber           | Netzstecker ziehen |      | 1    |
| 4    | 9.917.985.005 | Linsenschraube      | M4x12              | 7985 | 2    |
| 5    | 1.478.501.100 | Adapter             |                    |      | 1    |
| 6    | 1.250.070.030 | Führung             |                    |      | 3    |
| 7    | 1.250.070.900 | ABC-Spax-Schraube   | 3,5x15             |      | 6    |
| 8    | 1.365.070.110 | Blech               |                    |      | 1    |
| 9    | 1.365.070.120 | Halterung           |                    |      | 1    |
| 10   | 1.340.070.100 | Blech               |                    |      | 1    |
| 11   | 1.116.050.210 | Ejot Pt-Schraube    | KB 40x25 WN 1411   |      | 2    |
| 12   | 1.365.070.100 | Untergestell        |                    |      | 1    |
| 13   | 1.340.150.100 | Lenkrolle           |                    |      | 4    |
| 14   | 1.437.070.530 | Scharnier           |                    |      | 2    |
| 15   | 1.437.070.540 | Montageplatte       |                    |      | 2    |
| 16   | 1.250.070.200 | Winkel              |                    |      | 1    |
| 17   | 1.456.070.400 | Rahmen              |                    |      | 1    |
| 18   | 1.442.995.000 | PE Seitenfaltensack |                    |      | 1    |
| 19   | 9.919.021.005 | Scheibe             | A 5,3              | 9021 | 2    |
| 20   | 1.394.070.200 | Tür                 |                    |      | 1    |
| 21   | 1.415.070.960 | ABC-Spax-Schraube   | 3x15               |      | 2    |
| 22   | 1.446.050.100 | Abdeckkappe         |                    |      | 2    |



**Primo 3900**  
Modell

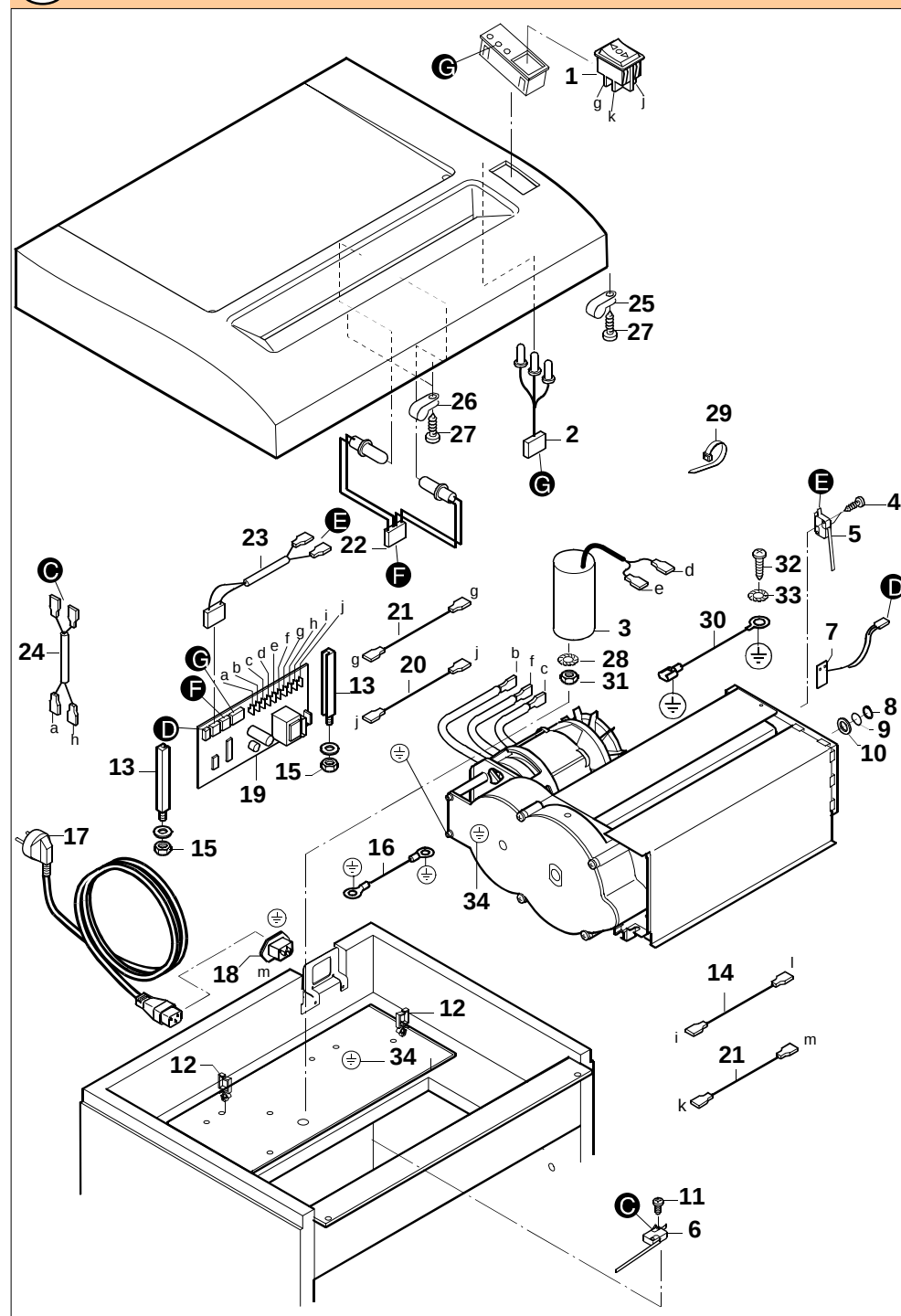
**1.394.131**  
Masch.-Nr.

**Schneidwerk**  
Baugruppe



| Pos. | Artikel-Nr.   | Bezeichnung       | Ausführung       | DIN  | Anz. |
|------|---------------|-------------------|------------------|------|------|
| 1    | 1.365.020.210 | Blech             |                  |      | 1    |
| 2    | 9.926.004.001 | Rillenkugellager  | 6004.2 RSR       |      | 4    |
| 3    | 1.212.020.040 | Lagerplatte       | rechts           |      | 1    |
| 4    | 9.917.981.013 | Linsen-Blechschr. | B 4,4x22         | 7981 | 5    |
| 5    | 1.415.020.990 | Sicherungsmutter  | M6               |      | 8    |
| 6    | 1.365.020.060 | Distanzstange     |                  |      | 4    |
| 7    | 1.437.020.031 | Abstreifkamm      | 3,9 mm           |      | 2    |
| 8    | 9.910.912.061 | Zylinderschraube  | M6x12            | 912  | 8    |
| 9    | 9.910.125.006 | Scheibe           | B 6,4            | 125  | 8    |
| 10   | 1.365.020.400 | Messerwalze       | 3,9 mm; 477,3 mm |      | 1    |
| 11   | 1.365.020.240 | Blech             |                  |      | 1    |
| 12   | 9.910.934.006 | Sechskantmutter   | M6               | 934  | 2    |
| 13   | 1.212.020.080 | Gummimetallpuffer | 20x20/M6/M6x8    |      | 2    |
| 14   | 1.340.020.650 | Getriebegehäuse   |                  |      | 1    |
| 15   | 1.431.020.101 | Klappe            |                  |      | 1    |
| 16   | 1.365.020.450 | Messerwalze       | 3,9 mm; 485,3 mm |      | 1    |
| 17   | 1.116.020.610 | Zugfeder          |                  |      | 1    |
| 18   | 1.116.050.400 | Ejot Pt-Schraube  | 3x16 WN 1412     |      | 1    |
| 19   | 1.120.070.990 | Gummimetallpuffer | 15x15/M4/M4x6    |      | 2    |
| 20   | 9.910.934.004 | Sechskantmutter   | M4               | 934  | 2    |
| 21   | 9.917.985.012 | Linsenschraube    | M4x45            | 7985 | 2    |
| 22   | 9.917.985.064 | Linsenschraube    | M6x25            | 7985 | 2    |

D

**Primo 3900**

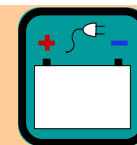
Modell

**1.394.131**

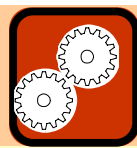
Masch.-Nr.

**Elektrik**

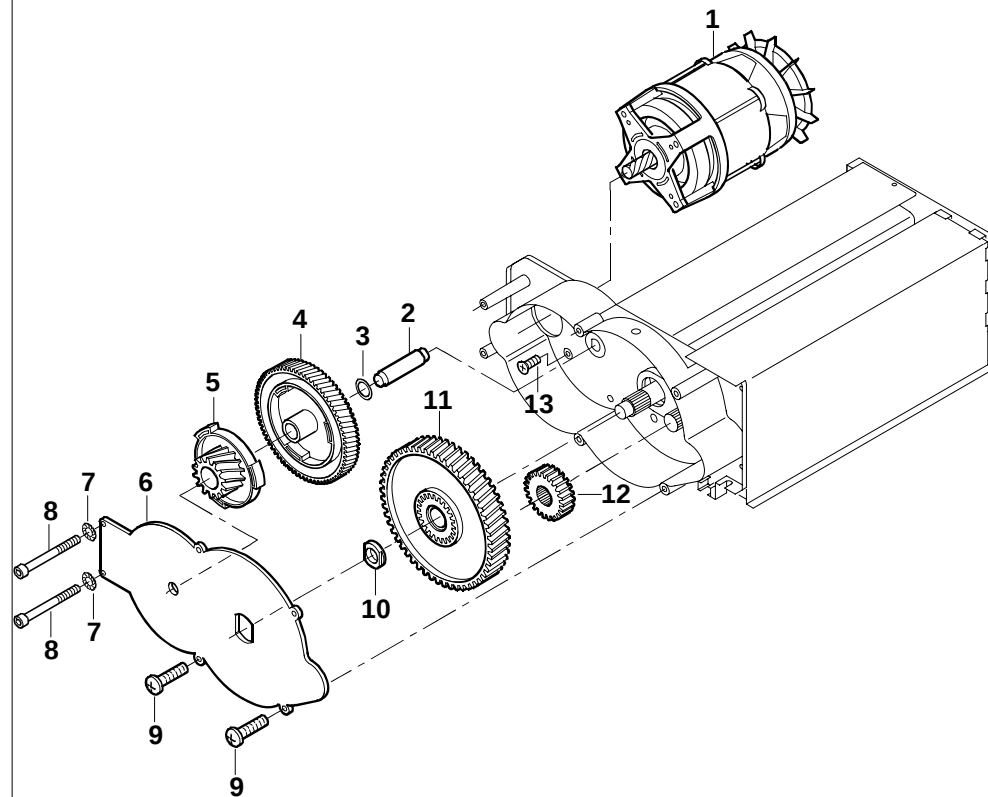
Baugruppe

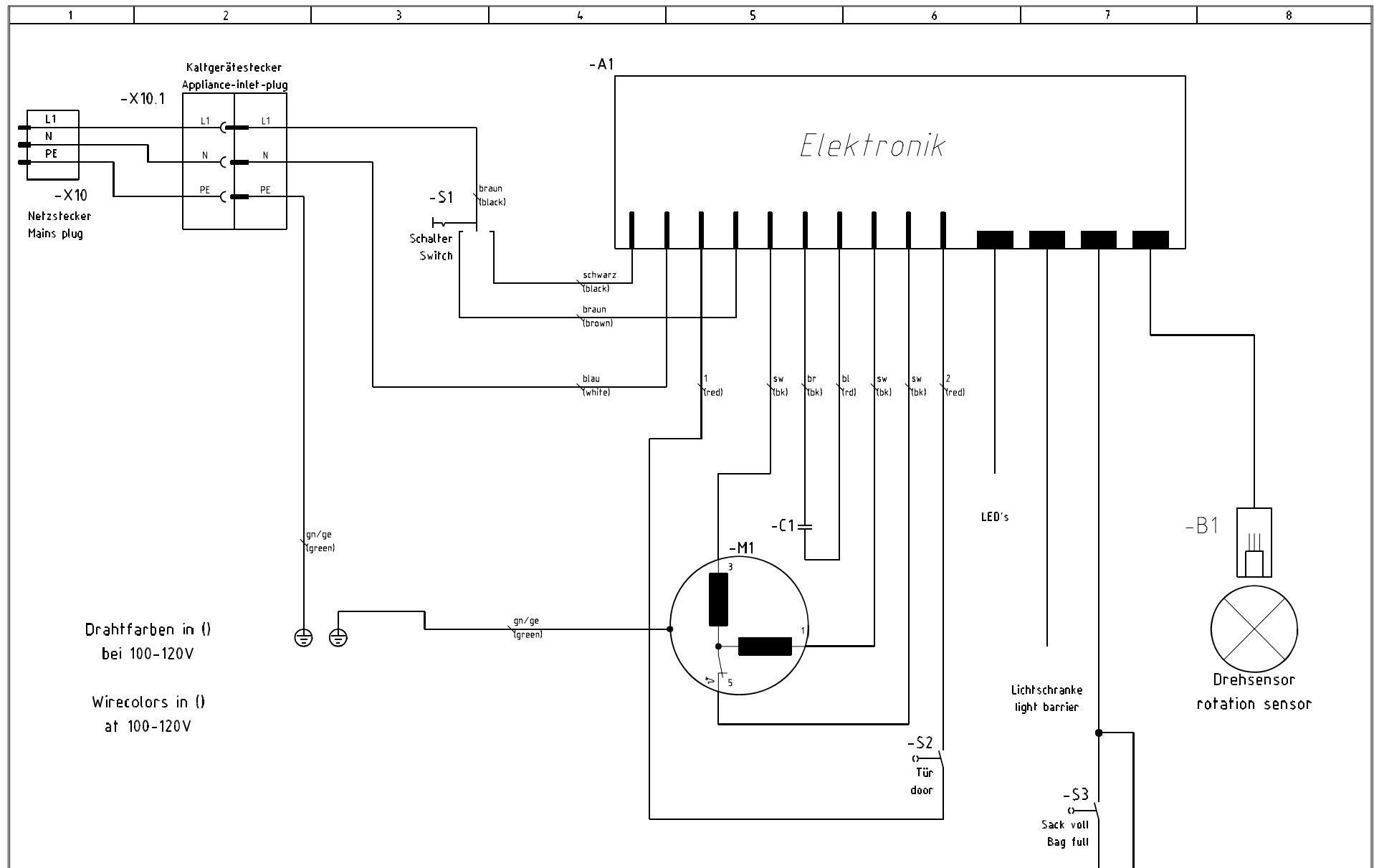
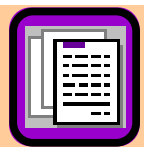


| Pos. | Artikel-Nr.   | Bezeichnung       | Ausführung           | DIN  | Anz. |
|------|---------------|-------------------|----------------------|------|------|
| 1    | 1.110.520.010 | Wippschalter      |                      |      | 1    |
| 2    | 1.438.505.080 | LED-Anzeige       |                      |      | 1    |
| 3    | 1.212.560.130 | Kondensator       | 20 µF; 220-240V/50Hz |      | 1    |
| 4    | 1.116.050.400 | Ejot Pt-Schraube  | KB30x16 WN 1412      |      | 2    |
| 5    | 1.438.520.100 | Schnappschalter   |                      |      | 1    |
| 6    | 1.438.520.110 | Schnappschalter   |                      |      | 1    |
| 7    | 1.438.505.005 | Drehsensor        |                      |      | 1    |
| 8    | 9.910.471.010 | Sicherungsring    | 10x1                 | 471  | 1    |
| 9    | 1.400.020.950 | O-Ring            | 10x2                 |      | 1    |
| 10   | 1.400.505.101 | Magnet            |                      |      | 1    |
| 11   | 1.210.070.990 | ABC-Spax-Schraube | 3x20                 |      | 2    |
| 12   | 1.487.550.100 | Kabelhalter       |                      |      | 2    |
| 13   | 1.442.550.200 | Führungsschiene   |                      |      | 2    |
| 14   | 1.116.540.010 | Leitung           | blau; 220-240V       |      | 1    |
| 15   | 9.910.934.003 | Sechskantmutter   | M3                   | 934  | 2    |
| 16   | 1.340.540.060 | Leitung           | grün-gelb; 220-240V  |      | 1    |
| 17   | 1.100.540.200 | Netzstecker       | Schuko               |      | 1    |
| 18   | 1.108.515.210 | Gerätesteckdose   |                      |      | 1    |
| 19   | 1.438.505.004 | Platine           | 180-270V/50/60Hz     |      | 1    |
| 20   | 1.437.540.030 | Leitung           | schwarz; 220-240V    |      | 1    |
| 21   | 1.437.540.040 | Leitung           | braun; 220-240V      |      | 2    |
| 22   | 1.438.505.010 | Lichtschanke      |                      |      | 1    |
| 23   | 1.437.540.050 | Leitung           | gelb                 |      | 1    |
| 24   | 1.437.540.020 | Leitung           | schwarz; 220-240V    |      | 1    |
| 25   | 1.110.550.100 | Kabelschelle      | Ø8                   |      | 1    |
| 26   | 1.100.550.250 | Kabelschelle      | Ø 5                  |      | 2    |
| 27   | 1.116.050.215 | Ejot Pt-Schraube  | KA 40x10 WN 1411     |      | 3    |
| 28   | 9.916.797.004 | Zahnscheibe       | I 8,4 D              | 6797 | 1    |
| 29   | 1.100.550.140 | Kabelbinder       | klein                |      | 5    |
| 30   | 1.340.540.010 | Leitung           | grün-gelb; 220-240V  |      | 1    |
| 31   | 9.910.936.008 | Sechskantmutter   | M8                   | 936  | 1    |
| 32   | 9.917.981.010 | Blehschraube      | B 4,2x9,5            | 7981 | 1    |
| 33   | 9.916.797.001 | Zahnscheibe       | I 4,3 D              | 6797 | 2    |
| 34   | 1.320.999.101 | Aufkleber         | Erdung               |      | 2    |



| Pos. | Artikel-Nr.   | Bezeichnung      | Ausführung             | DIN  | Anz. |
|------|---------------|------------------|------------------------|------|------|
| 1    | 1.340.050.000 | Kondensatormotor | 220-240V/50/60Hz       |      | 1    |
| 2    | 1.340.030.015 | Bolzen           |                        |      | 1    |
| 3    | 9.910.988.022 | Paßscheibe       | 14x20x0,2              | 988  | 1    |
| 4    | 1.340.030.010 | Zahnrad          | z=86; m=1,25           |      | 1    |
| 5    | 1.340.030.020 | Zahnrad          | z=14/m=2,5; mit Kuppl. |      | 1    |
| 6    | 1.340.030.070 | Abdeckblech      |                        |      | 1    |
| 7    | 9.916.797.002 | Zahnscheibe      | I 5,3                  | 6797 | 3    |
| 8    | 9.910.912.040 | Zylinderschraube | M5x65                  | 912  | 2    |
| 9    | 9.917.985.063 | Linsenschraube   | M6 x 20                | 7985 | 4    |
| 10   | 1.340.030.080 | Lager            |                        |      | 1    |
| 11   | 1.340.030.060 | Zahnrad          | z=54; m=2,5/z=23;m=2   |      | 1    |
| 12   | 1.340.030.050 | Zahnrad          | z=23; m=2              |      | 1    |
| 13   | 9.910.965.010 | Senkschraube     | M5x12                  | 965  | 2    |



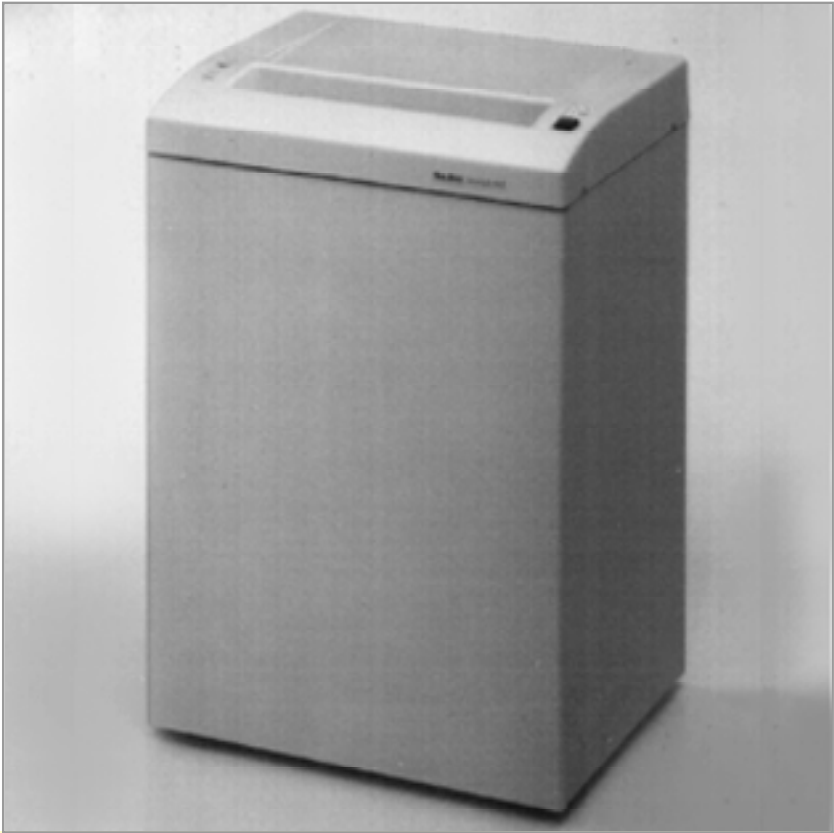


Drahtfarben in ()  
bei 100-120V

Wirecolors in ()  
at 100-120V

|          |       |      |        |            |               |             |                                |                               |              |                   |
|----------|-------|------|--------|------------|---------------|-------------|--------------------------------|-------------------------------|--------------|-------------------|
| c        |       |      | Datum  | 17.02.1998 |               |             | Stromlaufplan - Wiring diagram | Maschinen-Nr.:                | =            |                   |
| b        |       |      | Bearb. | Berenbold  |               |             |                                |                               | +            |                   |
| a        |       |      | Gepr.  | Be         |               |             |                                |                               |              |                   |
| Änderung | Datum | Name | Norm   |            | Ersatz durch: | Ersatz für: | Ursprung: HSM-Pressen          | Plan Nr.: 1 437 597 00 7GB-AV | Diagram Nr.: | Blatt 1 von 1 Bl. |

**Geha**



|                                                          |              |
|----------------------------------------------------------|--------------|
| Cutting type                                             | Strip cut    |
| Shred size                                               | 3,9 mm       |
| Safety rating <small>DIN 32757-1</small>                 | 2            |
| Cutting capacity <small>Paper DIN 19307 SM 4a-70</small> | 28-30 sheets |
| Cutting speed                                            | 126 mm/s     |
| Loading width                                            | 400 mm       |
| Power                                                    | 1150 W       |
| Voltage                                                  | 230 V/50Hz   |
| Dimensions (WxDxH) mm                                    | 595x470x878  |
| Weight                                                   | 52 kg        |
| Volume of shredded bag                                   | 156 l        |

Model

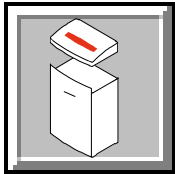
**Primo 3900**

Machine No.

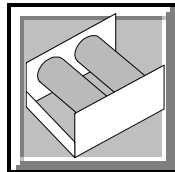
**1.394.131**



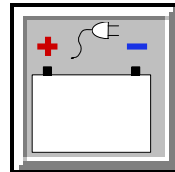
GB



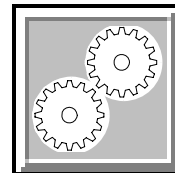
**Housing**



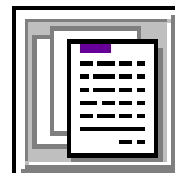
**Cutting head**



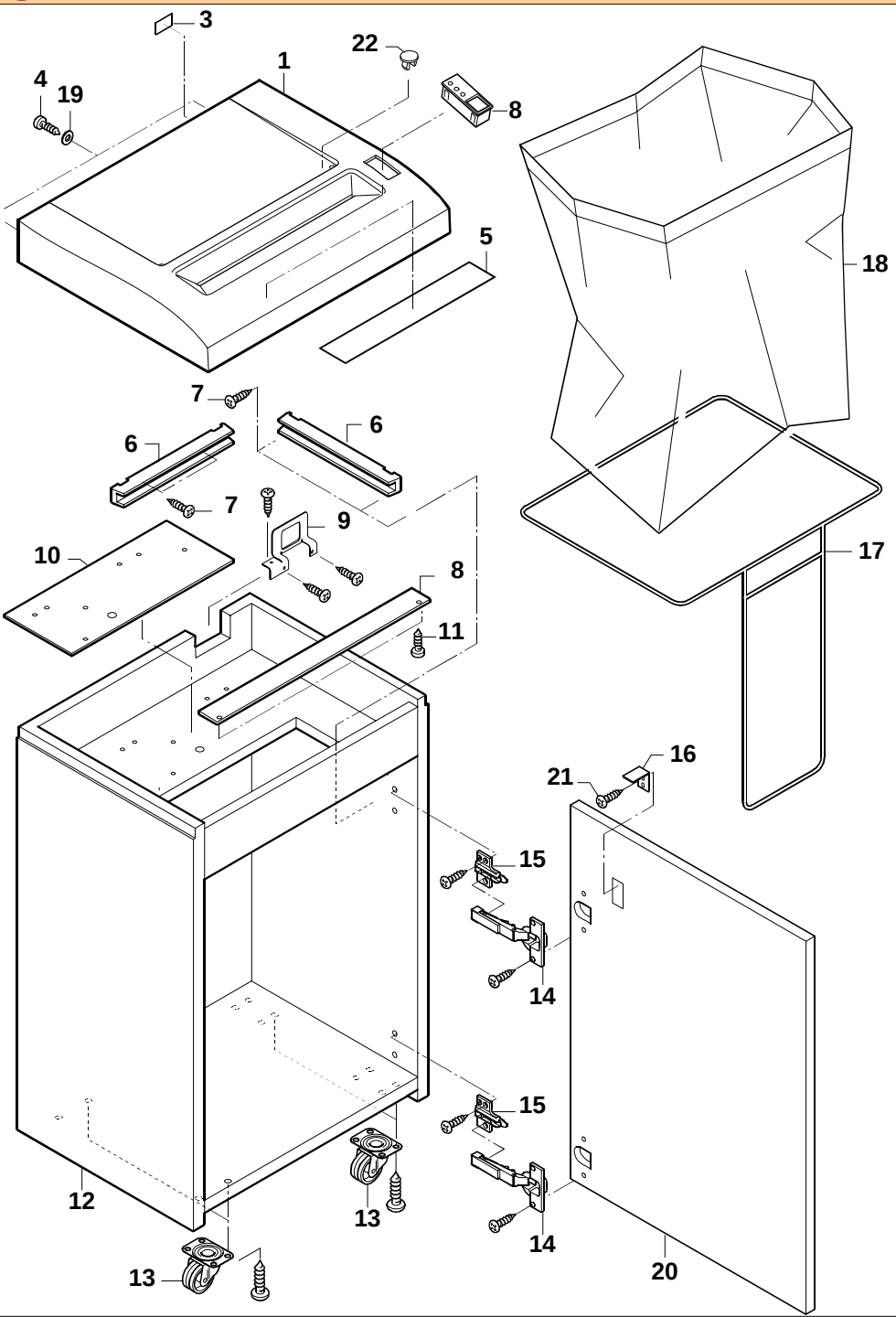
**Electric**



**Drive**

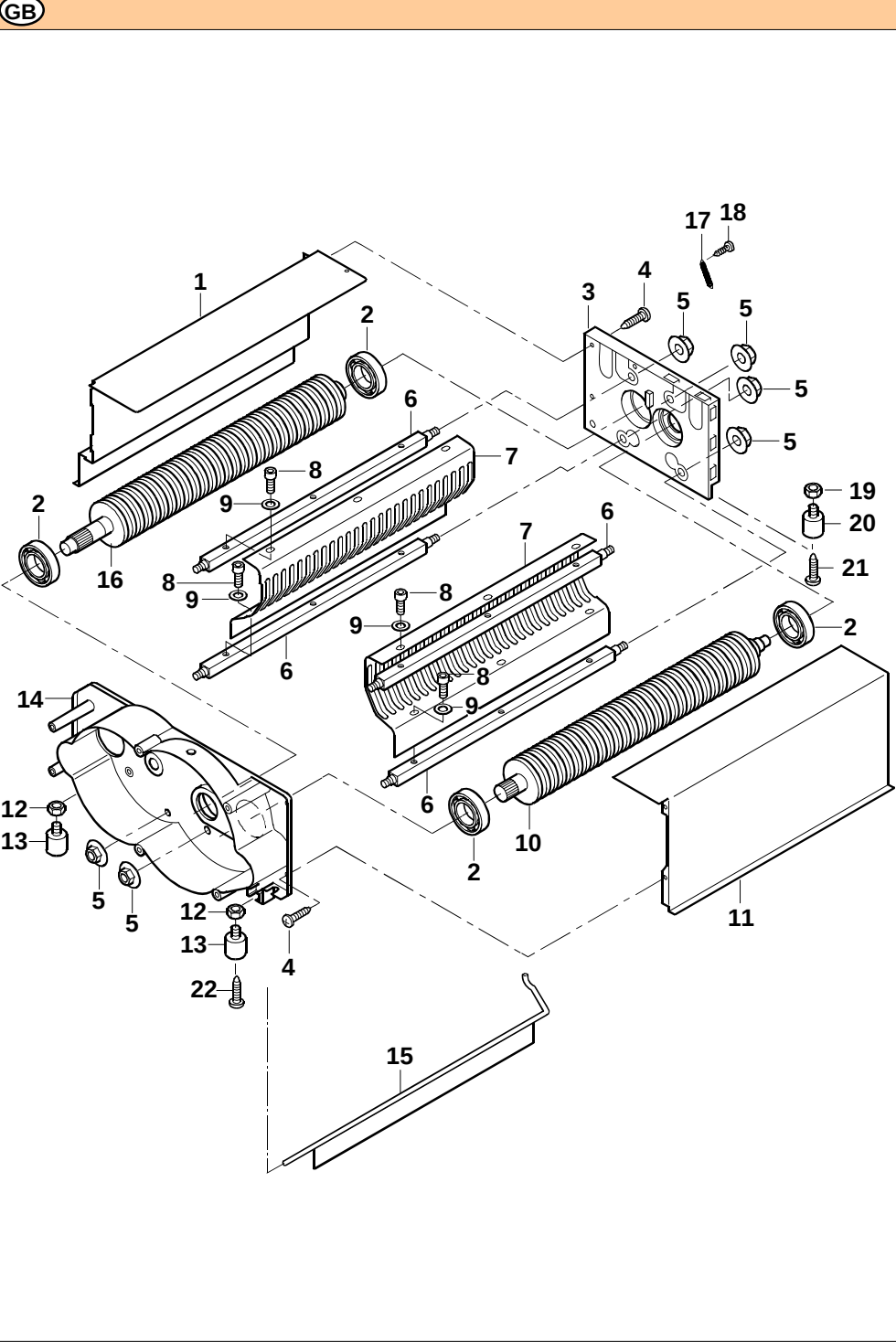


**Wiring diagram**



| Primo 3900 |               | 1.394.131           |                       | Housing     |      |  |
|------------|---------------|---------------------|-----------------------|-------------|------|------------------------------------------------------------------------------------|
| Model      |               | Machine No.         |                       | Subassembly |      |                                                                                    |
| Item       | Part No.      | Designation         | Dimension             | DIN         | Qty. |                                                                                    |
| 1          | 1.456.050.101 | Housing top         |                       |             | 1    |                                                                                    |
| 2          | 1.394.999.200 | Machine label       | Primo 3900            |             | 1    |                                                                                    |
| 3          | 1.442.999.300 | Label               | Disconnect from mains |             | 1    |                                                                                    |
| 4          | 9.917.985.005 | Cheese head screw   | M4x12                 | 7985        | 2    |                                                                                    |
| 5          | 1.478.501.100 | Adapter             |                       |             | 1    |                                                                                    |
| 6          | 1.250.070.030 | Guide               |                       |             | 3    |                                                                                    |
| 7          | 1.250.070.900 | ABC-Spax screw      | 3,5x15                |             | 6    |                                                                                    |
| 8          | 1.365.070.110 | Sheet metal         |                       |             | 1    |                                                                                    |
| 9          | 1.365.070.120 | Support             |                       |             | 1    |                                                                                    |
| 10         | 1.340.070.100 | Sheet metal         |                       |             | 1    |                                                                                    |
| 11         | 1.116.050.210 | Self tapping screw  | KB 40x25 WN 1411      |             | 2    |                                                                                    |
| 12         | 1.365.070.100 | Bottom frame        |                       |             | 1    |                                                                                    |
| 13         | 1.340.150.100 | Guide roller        |                       |             | 4    |                                                                                    |
| 14         | 1.437.070.530 | Hinge               |                       |             | 2    |                                                                                    |
| 15         | 1.437.070.540 | Mounting plate      |                       |             | 2    |                                                                                    |
| 16         | 1.250.070.200 | Angle               |                       |             | 1    |                                                                                    |
| 17         | 1.456.070.400 | Frame               |                       |             | 1    |                                                                                    |
| 18         | 1.442.995.000 | PE cut material bag |                       |             | 1    |                                                                                    |
| 19         | 9.919.021.005 | Washer              | A 5,3                 | 9021        | 2    |                                                                                    |
| 20         | 1.394.070.200 | Door                |                       |             | 1    |                                                                                    |
| 21         | 1.415.070.960 | ABC-Spax screw      | 3x15                  |             | 2    |                                                                                    |
| 22         | 1.446.050.100 | Cap                 |                       |             | 2    |                                                                                    |





**Primo 3900**

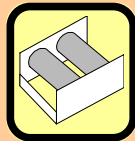
Model

**1.394.131**

Machine No.

**Cutting head**

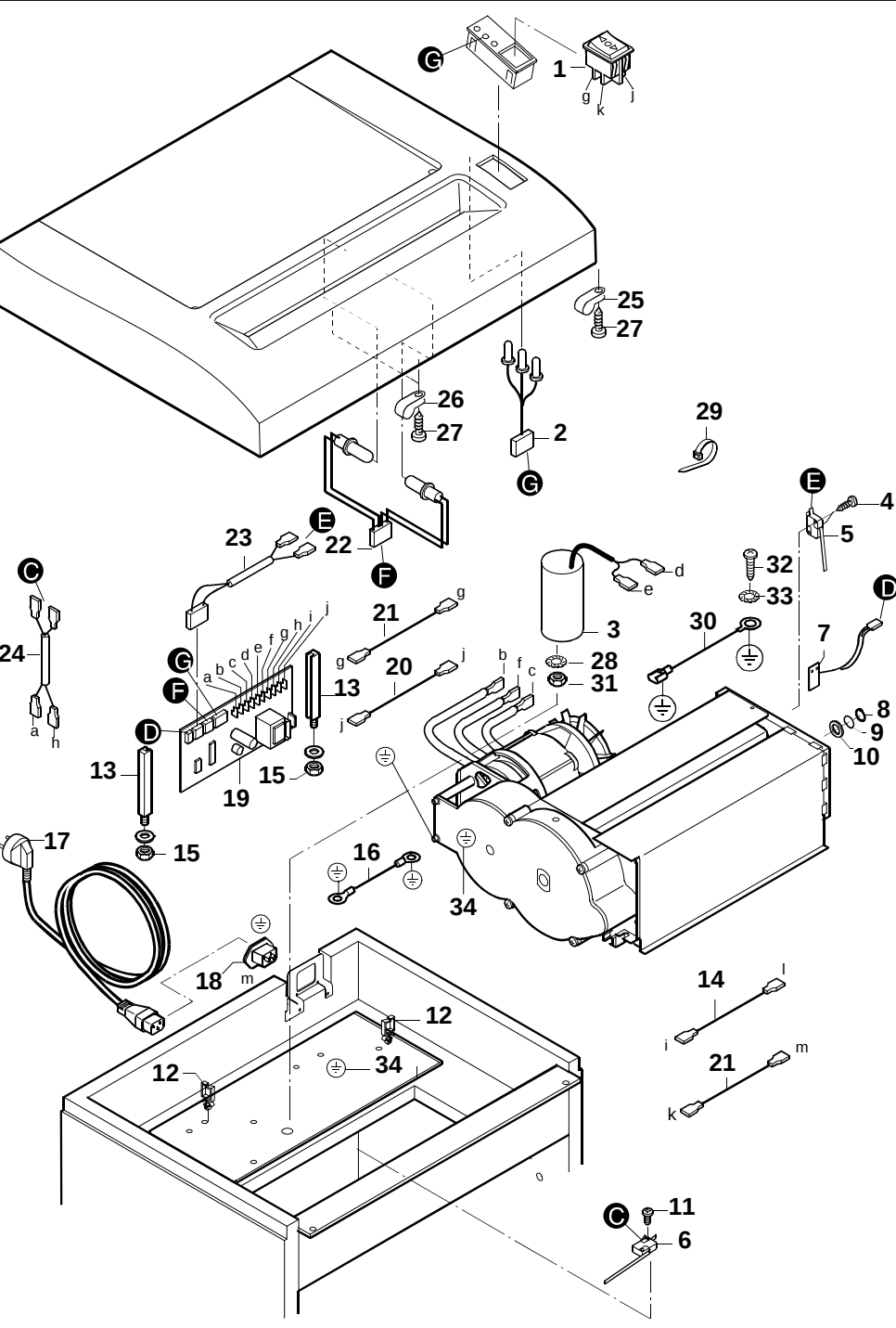
Subassembly



| Item | Part No.      | Designation          | Dimension        | DIN  | Qty. |
|------|---------------|----------------------|------------------|------|------|
| 1    | 1.365.020.210 | Sheet metal          |                  |      | 1    |
| 2    | 9.926.004.001 | Groove ball bearing  | 6004.2 RSR       |      | 4    |
| 3    | 1.212.020.040 | Bearing plate        | right            |      | 1    |
| 4    | 9.917.981.013 | Pan head tapp. screw | B 4,4x22         | 7981 | 5    |
| 5    | 1.415.020.990 | Locking nut          | M6               |      | 8    |
| 6    | 1.365.020.060 | Distance rod         |                  |      | 4    |
| 7    | 1.437.020.031 | Stripping device     | 3,9 mm           |      | 2    |
| 8    | 9.910.912.061 | Socket cap screw     | M6x12            | 912  | 8    |
| 9    | 9.910.125.006 | Washer               | B 6,4            | 125  | 8    |
| 10   | 1.365.020.400 | Cutter roll          | 3,9 mm; 477,3 mm |      | 1    |
| 11   | 1.365.020.240 | Sheet metal          |                  |      | 1    |
| 12   | 9.910.934.006 | Hexagon nut          | M6               | 934  | 2    |
| 13   | 1.212.020.080 | Rubber bearing       | 20x20/M6/M6x8    |      | 2    |
| 14   | 1.340.020.650 | Gearbox case         |                  |      | 1    |
| 15   | 1.431.020.101 | Flap                 |                  |      | 1    |
| 16   | 1.365.020.450 | Cutter roll          | 3,9 mm; 485,3 mm |      | 1    |
| 17   | 1.116.020.610 | Tension spring       |                  |      | 1    |
| 18   | 1.116.050.400 | Self tapping screw   | 3x16 WN 1412     |      | 1    |
| 19   | 1.120.070.990 | Rubber bearing       | 15x15/M4/M4x6    |      | 2    |
| 20   | 9.910.934.004 | Hexagon nut          | M4               | 934  | 2    |
| 21   | 9.917.985.012 | Cheese head screw    | M4x45            | 7985 | 2    |
| 22   | 9.917.985.064 | Cheese head screw    | M6x25            | 7985 | 2    |



| Item | Part No.      | Designation         | Dimension              | DIN  | Qty. |
|------|---------------|---------------------|------------------------|------|------|
| 1    | 1.110.520.010 | Rocker switch       |                        |      | 1    |
| 2    | 1.438.505.080 | LED Display         |                        |      | 1    |
| 3    | 1.212.560.130 | Capacitor           | 20 µF; 220-240V/50Hz   |      | 1    |
| 4    | 1.116.050.400 | Self tapping screw  | KB30x16 WN 1412        |      | 2    |
| 5    | 1.438.520.100 | Snap action switch  |                        |      | 1    |
| 6    | 1.438.520.110 | Snap action switch  |                        |      | 1    |
| 7    | 1.438.505.005 | Sensor unit         |                        |      | 1    |
| 8    | 9.910.471.010 | Locking ring        | 10x1                   | 471  | 1    |
| 9    | 1.400.020.950 | O-ring              | 10x2                   |      | 1    |
| 10   | 1.400.505.101 | Magnet              |                        |      | 1    |
| 11   | 1.210.070.990 | ABC-Spax screw      | 3x20                   |      | 2    |
| 12   | 1.487.550.100 | Cable holder        |                        |      | 2    |
| 13   | 1.442.550.200 | Glide rail          |                        |      | 2    |
| 14   | 1.116.540.010 | Cable               | blue; 220-240V         |      | 1    |
| 15   | 9.910.934.003 | Hexagon nut         | M3                     | 934  | 2    |
| 16   | 1.340.540.060 | Cable               | green-yellow; 220-240V |      | 1    |
| 17   | 1.100.540.200 | Mains supply        | Schuko                 |      | 1    |
| 18   | 1.108.515.210 | Appliance couplers  |                        |      | 1    |
| 19   | 1.438.505.004 | PC board            | 180-270V/50/60Hz       |      | 1    |
| 20   | 1.437.540.030 | Cable               | black; 220-240V        |      | 1    |
| 21   | 1.437.540.040 | Cable               | brown; 220-240V        |      | 2    |
| 22   | 1.438.505.010 | Light-barrier       |                        |      | 1    |
| 23   | 1.437.540.050 | Cable               | yellow                 |      | 1    |
| 24   | 1.437.540.020 | Cable               | black; 220-240V        |      | 1    |
| 25   | 1.110.550.100 | Cable clip          | Ø8                     |      | 1    |
| 26   | 1.100.550.250 | Cable clip          | Ø 5                    |      | 2    |
| 27   | 1.116.050.215 | Self tapping screw  | KA 40x10 WN 1411       |      | 3    |
| 28   | 9.916.797.004 | Toothed lock washer | I 8,4 D                | 6797 | 1    |
| 29   | 1.100.550.140 | Cable tie           | small                  |      | 5    |
| 30   | 1.340.540.010 | Cable               | green-yellow; 220-240V |      | 1    |
| 31   | 9.910.936.008 | Hexagon nut         | M8                     | 936  | 1    |
| 32   | 9.917.981.010 | Pan head tapping    | B 4,2x9,5              | 7981 | 1    |
| 33   | 9.916.797.001 | Toothed lock washer | I 4,3 D                | 6797 | 2    |
| 34   | 1.320.999.101 | Label               | Earth                  |      | 2    |



Primo 3900

Model

1.394.131

Machine No.

Drive

Subassembly



| Item | Part No.      | Designation         | Dimension            | DIN  | Qty. |
|------|---------------|---------------------|----------------------|------|------|
| 1    | 1.340.050.000 | Motor               | 220-240V/50/60Hz     |      | 1    |
| 2    | 1.340.030.015 | Clevis pin          |                      |      | 1    |
| 3    | 9.910.988.022 | Adjusting washer    | 14x20x0,2            | 988  | 1    |
| 4    | 1.340.030.010 | Toothed wheel       | z=86; m=1,25         |      | 1    |
| 5    | 1.340.030.020 | Toothed wheel       | z=14/m=2,5           |      | 1    |
| 6    | 1.340.030.070 | Cover plate         |                      |      | 1    |
| 7    | 9.916.797.002 | Toothed lock washer | l 5,3                | 6797 | 3    |
| 8    | 9.910.912.040 | Socket cap screw    | M5x65                | 912  | 2    |
| 9    | 9.917.985.063 | Cheese head screw   | M6 x 20              | 7985 | 4    |
| 10   | 1.340.030.080 | Bearing             |                      |      | 1    |
| 11   | 1.340.030.060 | Toothed wheel       | z=54; m=2,5/z=23;m=2 |      | 1    |
| 12   | 1.340.030.050 | Toothed wheel       | z=23; m=2            |      | 1    |
| 13   | 9.910.965.010 | Countersunk screw   | M5x12                | 965  | 2    |

