

# Drawing



Tools for Chefs

**Hendi B.V.**

Steenoven 21  
3911 TX Rhenen  
The Netherlands

**Batch #**

HK170154 until  
HK061120

**Appliance part#**

**222829**

**Description**

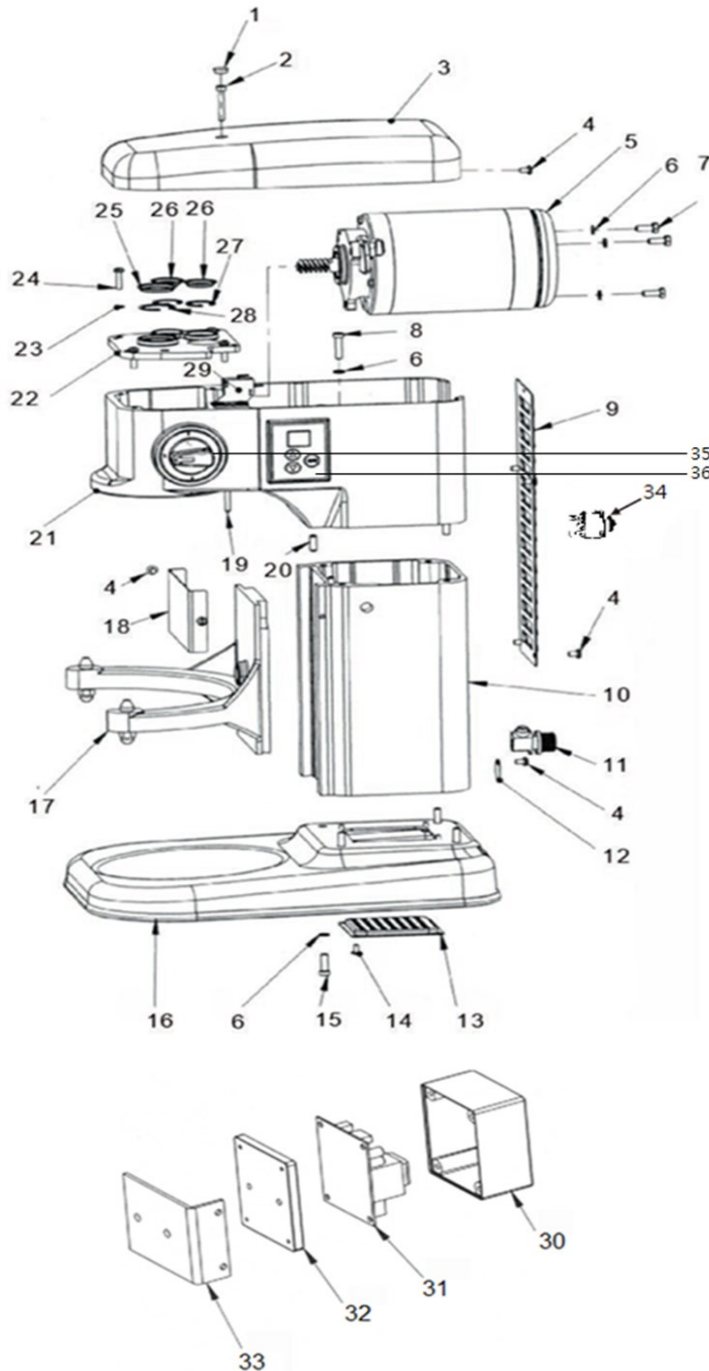
Heavy duty mixer 7L

**Date** 31-05-2021

**Revision #**

1.0

**Revision** First Bill of Materials (BOM)



# Bill of materials (BOM)

|                                                                                                                                                                                      |                            |  |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--|------------------------|
|  <b>HENDI</b><br>Tools for Chefs<br>Hendi B.V.<br>Steenoven 21<br>3911 TX Rhenen<br>The Netherlands | <b>Batch #</b>             |  | <b>Appliance part#</b> |
|                                                                                                                                                                                      | HK170154 until<br>HK061120 |  | <b>222829</b>          |
|                                                                                                                                                                                      | <b>Description</b>         |  |                        |
|                                                                                                                                                                                      | Heavy duty mixer 7L        |  |                        |

|                 |                               |                   |     |
|-----------------|-------------------------------|-------------------|-----|
| <b>Date</b>     | 31-05-2021                    | <b>Revision #</b> | 1.0 |
| <b>Revision</b> | First Bill of Materials (BOM) |                   |     |

| Item | Description               | Part#  | Quantity | Remark                  | Picture |
|------|---------------------------|--------|----------|-------------------------|---------|
| 1    | Screw cover               | n/a    | 1        |                         |         |
| 2    | Screw                     | 947715 | 1        |                         |         |
| 3    | Top cover                 | 947722 | 1        |                         |         |
| 4    | Screw (M5X8)              | n/a    | 2        |                         |         |
| 5    | Motor                     | n/a    | 1        |                         |         |
| 6    | Washer                    | n/a    | 6        |                         |         |
| 7    | Screw (M6X16)             | n/a    | 4        |                         |         |
| 8    | Screw (M6X20)             | n/a    | 2        |                         |         |
| 9    | Housing cover (back)      | n/a    | 1        |                         |         |
| 10   | Housing pilar             | n/a    | 1        |                         |         |
| 11   | Pull relief               | n/a    | 1        |                         |         |
| 12   | PE connector              | n/a    | 1        |                         |         |
| 13   | Ventilated cover (bottom) | n/a    | 1        |                         |         |
| 14   | Screw (M4X8)              | n/a    | 4        |                         |         |
| 15   | Screw (M5X20)             | n/a    | 4        |                         |         |
| 16   | Foot gasket               | 959350 | 1        |                         |         |
| 17   | Bowl cradle assembly      | n/a    | 1        | See drawing 2 and BOM 2 |         |
| 18   | Bowl cradle cover         | n/a    | 1        |                         |         |
| 19   | Microswitch pin           | n/a    | 1        |                         |         |
| 20   | Pin (6X18mm)              | n/a    | 2        |                         |         |
| 21   | Upper housing             | n/a    | 1        |                         |         |
| 22   | Transmission cover        | n/a    | 1        |                         |         |
| 23   | Washer                    | n/a    | 4        |                         |         |
| 24   | Screw (M5X20)             | n/a    | 4        |                         |         |
| 25   | Central alxe cover        | n/a    | 1        |                         |         |
| 26   | Gear axle cover           | n/a    | 1        |                         |         |
| 27   | Circlip Ø26mm             | n/a    | 3        |                         |         |
| 28   | Circlip Ø32mm             | n/a    | 1        |                         |         |
| 29   | Microswitch bracket       | n/a    | 1        |                         |         |
| 30   | PCB housing               | n/a    | 1        |                         |         |
| 31   | Main PCB                  | 959367 | 1        |                         |         |
| 32   | PCB housing cover         | n/a    | 1        |                         |         |
| 33   | PCB housing bracket       | n/a    | 1        |                         |         |
| 34   | overload switch           | 959374 | 1        |                         |         |
| 35   | Knob (speedselection)     | 959381 | 1        |                         |         |
| 36   | Control PCB               | 959398 | 1        |                         |         |
| *    | Power cord                | 202289 | 1        | Not shown on drawing    |         |
|      |                           |        |          |                         |         |
|      |                           |        |          |                         |         |

n/a -> not available

nss -> not sold separately

# Drawing



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**Batch #**

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HK061120

**Appliance part#**

**2220829**

**Description**

Heavy duty mixer 7L

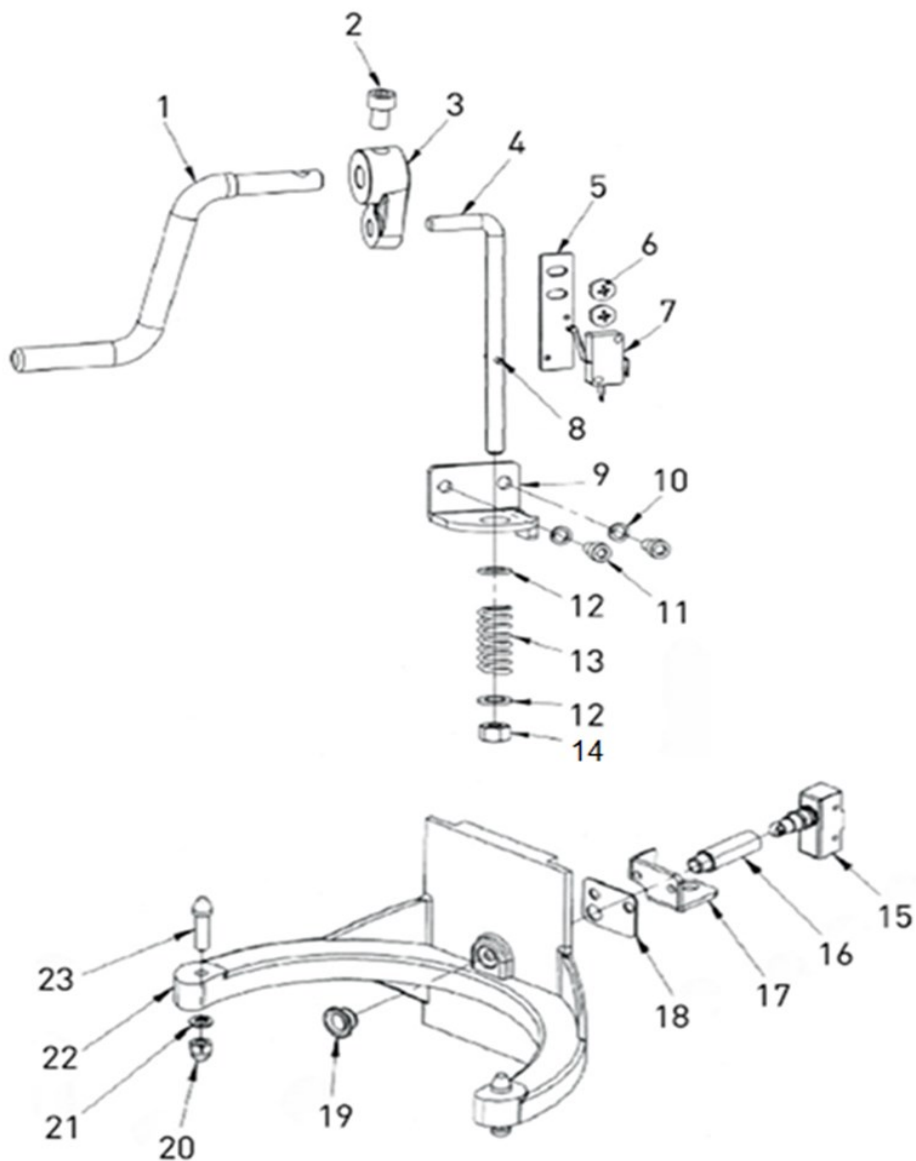
**Date** 31-05-2021

**Revision #**

1.0

**Revision** First Bill of Materials (BOM)

## Handle type bowl lifter unit



# Bill of materials (BOM)

|                                                                                                                                                                                      |                            |  |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--|------------------------|
|  <b>HENDI</b><br>Tools for Chefs<br>Hendi B.V.<br>Steenoven 21<br>3911 TX Rhenen<br>The Netherlands | <b>Batch #</b>             |  | <b>Appliance part#</b> |
|                                                                                                                                                                                      | HK170154 until<br>HK061120 |  | <b>222829</b>          |
|                                                                                                                                                                                      | <b>Description</b>         |  |                        |
|                                                                                                                                                                                      | Heavy duty mixer 7L        |  |                        |

|                 |                               |                   |     |
|-----------------|-------------------------------|-------------------|-----|
| <b>Date</b>     | 31-05-2021                    | <b>Revision #</b> | 1.0 |
| <b>Revision</b> | First Bill of Materials (BOM) |                   |     |

| Item     | Description                  | Part#  | Quantity | Remark           | Picture |
|----------|------------------------------|--------|----------|------------------|---------|
| 1        | Bowl cradle handle           | n/a    | 1        |                  |         |
| 2        | Screw (M8X12)                | n/a    | 1        |                  |         |
| 3        | Handle bracket               | n/a    | 1        |                  |         |
| 4        | Lift rod                     | n/a    | 1        |                  |         |
| 5        | Microswitch bracket          | n/a    | 1        |                  |         |
| 6        | Screw (M6x8)                 | n/a    | 2        |                  |         |
| 7        | Microswitch (bowl cradle)    | 959404 | 1        |                  |         |
| 8        | Pin (3X18mm)                 | n/a    | 1        |                  |         |
| 9        | Lift rod bracket             | n/a    | 1        |                  |         |
| 10       | Washer                       | n/a    | 2        |                  |         |
| 11       | Screw (M6X12)                | n/a    | 2        |                  |         |
| 12       | Washer                       | n/a    | 2        |                  |         |
| 13       | Spring                       | n/a    | 1        |                  |         |
| 14       | Nut (M8)                     | n/a    | 1        |                  |         |
| 15       | Microswitch (bowl detection) | 944455 | 1        |                  |         |
| 16       | Microswitch actuator         | n/a    | 1        |                  |         |
| 17       | Microswitch bracket          | n/a    | 1        |                  |         |
| 18       | Microswitch plate            | n/a    | 1        |                  |         |
| 19       | Actuator cover               | n/a    | 1        |                  |         |
| 20       | Nut                          | n/a    | 2        |                  |         |
| 21       | Washer                       | n/a    | 2        |                  |         |
| 22       | Bowl cradle arm              | n/a    | 1        |                  |         |
| 23       | Bowl guide pin               | n/a    | 2        |                  |         |
| <b>A</b> | Bowl cradle complete         | 959411 | 1        | Incl. item 20~23 |         |
|          |                              |        |          |                  |         |
|          |                              |        |          |                  |         |

n/a -> not available

nss -> not sold separately

# Drawing



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HK061120

**Appliance part#**

**000000**

**Description**

Heavy duty mixer 7L

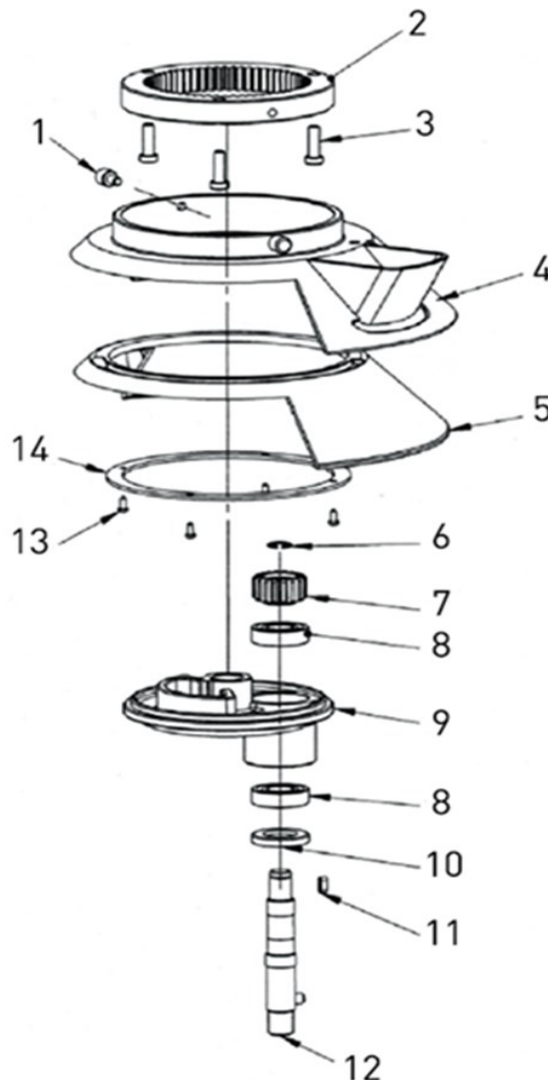
**Date** 31-05-2021

**Revision #**

1.0

**Revision** First Bill of Materials (BOM)

## Turning plate and mixing axle



|                                                                                                                                                                                             |                            |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------|
|  <b>HENDI</b><br>Tools for Chefs<br><b>Hendi B.V.</b><br>Steenoven 21<br>3911 TX Rhenen<br>The Netherlands | <b>Batch #</b>             | <b>Appliance part#</b> |
|                                                                                                                                                                                             | HK170154 until<br>HK061120 | <b>222829</b>          |
|                                                                                                                                                                                             | <b>Description</b>         |                        |
|                                                                                                                                                                                             | Heavy duty mixer 7L        |                        |

| Item | Description            | Part#  | Quantity | Remark                     | Picture |
|------|------------------------|--------|----------|----------------------------|---------|
| 1    | Thumb screw            | 959428 | 2        |                            |         |
| 2    | Inner gear             | n/a    | 1        |                            |         |
| 3    | Screw (M6X20)          | n/a    | 4        |                            |         |
| 4    | Bowl guard (outer)     | nss    | 1        | Available as 947333        |         |
| 5    | Bowl guard (inner)     | nss    | 1        | Available as 947333        |         |
| A    | Bowl guard complete    | 947333 | 1        | Incl. item 4, 5, 13 and 14 |         |
| 6    | Spring washer          | nss    | 1        | Available as               |         |
| 7    | Planetary gear         | nss    | 1        | Available as               |         |
| 8    | Bearing (6002)         | nss    | 1        | Available as               |         |
| 9    | Turning plate          | 951514 | 1        | Also available as 959435   |         |
| 10   | Oil seal               | nss    | 1        | Available as               |         |
| 11   | Pin (4X10mm)           | nss    | 1        | Available as               |         |
| 12   | Mixing axle            | 944448 | 1        | Also available as          |         |
| 13   | Screw                  | n/a    | 4        |                            |         |
| 14   | Bracket                | n/a    | 1        |                            |         |
| B    | Turning plate assembly | 959435 | 1        | Incl. item 6~12            |         |
|      |                        |        |          |                            |         |
|      |                        |        |          |                            |         |

nss -> not sold separately

# Drawing



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Steenoven 21  
3911 TX Rhenen  
The Netherlands

**Batch #**

HK170154 until  
HK061120

**Appliance part#**

**222829**

**Description**

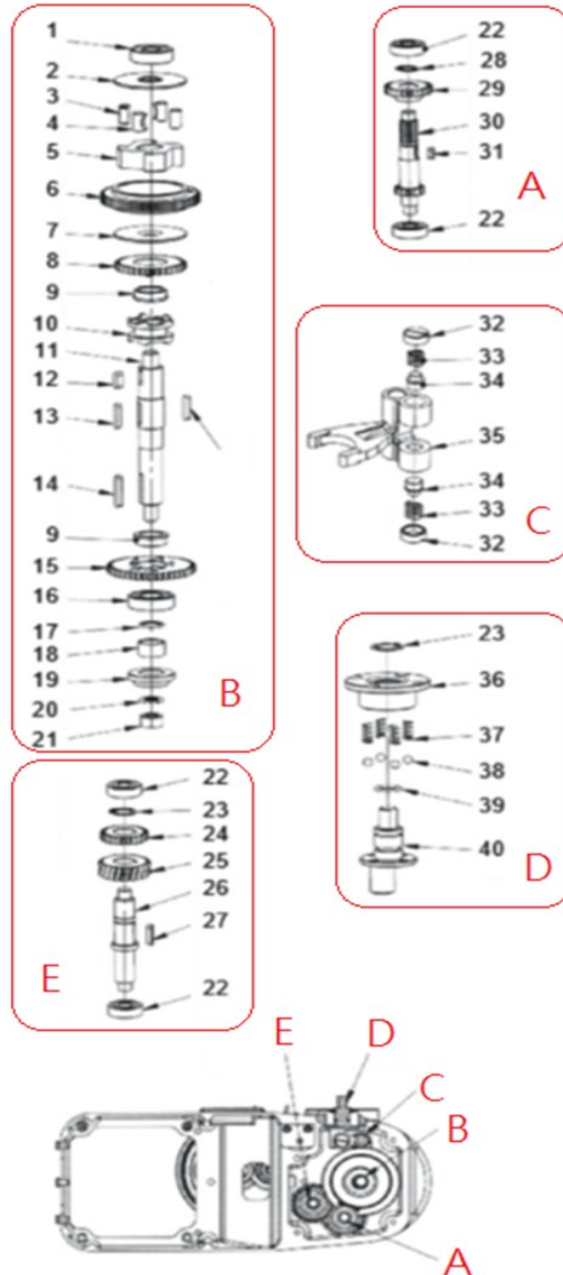
Heavy duty mixer 7L

**Date** 31-05-2021

**Revision #**

1.0

**Revision** First Bill of Materials (BOM)



# Bill of materials (BOM)

|                                                                                                                                                                                                            |                            |  |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--|------------------------|
|  <b>HENDI</b><br><small>Tools for Chefs</small><br><b>Hendi B.V.</b><br>Steenoven 21<br>3911 TX Rhenen<br>The Netherlands | <b>Batch #</b>             |  | <b>Appliance part#</b> |
|                                                                                                                                                                                                            | HK170154 until<br>HK061120 |  | <b>222829</b>          |
|                                                                                                                                                                                                            | <b>Description</b>         |  |                        |
|                                                                                                                                                                                                            | <b>Heavy duty mixer 7L</b> |  |                        |

|                 |                               |                   |     |
|-----------------|-------------------------------|-------------------|-----|
| <b>Date</b>     | 31-05-2021                    | <b>Revision #</b> | 1.0 |
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| Item | Description                   | Part#  | Quantity | Remark                | Picture |
|------|-------------------------------|--------|----------|-----------------------|---------|
| 1    | Bearing                       | nss    | 1        |                       |         |
| 2    | Bearing cover                 | nss    | 1        |                       |         |
| 3    | Roller                        | nss    | 4        |                       |         |
| 4    | Spring                        | nss    | 4        |                       |         |
| 5    | Actuator                      | nss    | 1        |                       |         |
| 6    | Rimmed gear                   | nss    | 1        |                       |         |
| 7    | Divider ring                  | nss    | 1        |                       |         |
| 8    | Gear ring                     | nss    | 1        |                       |         |
| 9    | Bearing                       | nss    | 2        |                       |         |
| 10   | Coupler                       | 950791 | 1        | Also available as "B" |         |
| 11   | Central axle                  | nss    | 1        |                       |         |
| 12   | Key (5X14mm)                  | nss    | 1        |                       |         |
| 13   | Key (4X22mm)                  | nss    | 2        |                       |         |
| 14   | Key (4X28mm)                  | nss    | 1        |                       |         |
| 15   | Coupler gear                  | 950814 | 1        | Also available as "B" |         |
| 16   | Bearing (6003)                | nss    | 1        |                       |         |
| 17   | O-ring (16X1,8mm)             | nss    | 1        |                       |         |
| 18   | Central axle sleeve           | nss    | 1        |                       |         |
| 19   | Oil seal                      | nss    | 1        |                       |         |
| 20   | Waved ring Ø10                | nss    | 1        |                       |         |
| 21   | Nut (M10)                     | nss    | 1        |                       |         |
| 22   | Bearing (6000)                | nss    | 4        |                       |         |
| 23   | Circlip                       | nss    | 2        |                       |         |
| 24   | Gear                          | nss    | 1        |                       |         |
| 25   | Helical gear                  | nss    | 1        |                       |         |
| 26   | Worm gear axle                | nss    | 1        |                       |         |
| 27   | Key (4X18mm)                  | nss    | 1        |                       |         |
| 28   | Waved ring Ø13                | nss    | 1        |                       |         |
| 29   | High speed gear               | nss    | 1        |                       |         |
| 30   | High speed gear axle          | nss    | 1        |                       |         |
| 31   | Key (4X10mm)                  | nss    | 1        |                       |         |
| 32   | Screw                         | nss    | 2        |                       |         |
| 33   | Spring                        | nss    | 2        |                       |         |
| 34   | Pin                           | nss    | 2        |                       |         |
| 35   | Clutch fork                   | nss    | 1        |                       |         |
| 36   | Speed block bracket           | nss    | 1        |                       |         |
| 37   | Spring                        | nss    | 4        |                       |         |
| 38   | Steel ball                    | nss    | 4        |                       |         |
| 39   | O-ring                        | nss    | 1        |                       |         |
| 40   | Speed block axle              | nss    | 1        |                       |         |
| A    | High speed gear axle assembly | 959459 | 1        | Incl. item 22 + 28~31 |         |
| B    | Central axle assembly         | 950807 | 1        | Incl. item 1~21       |         |
| C    | Clutch fork assembly          | 959466 | 1        | Incl. item 32.35      |         |
| D    | Speed block assembly          | 959473 | 1        | Incl. item 36~40      |         |
| E    | Worm gear assembly            | 959442 | 1        | Incl. item 22~27      |         |
|      |                               |        |          |                       |         |
|      |                               |        |          |                       |         |

n/a      -> not available      nss      -> not sold separately

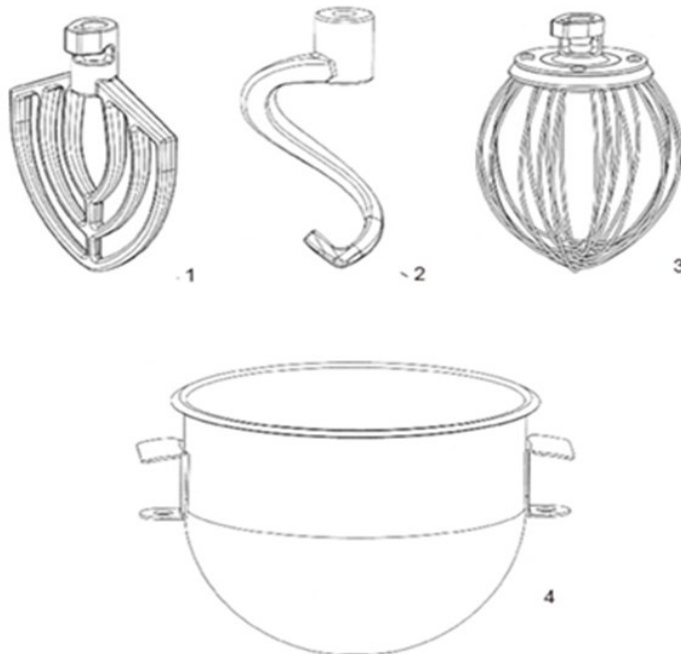


## Drawing

|                                                                                                                                                                                             |                            |                        |
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|                                                                                                                                                                                             | HK170154 until<br>HK061120 | <b>222829</b>          |
|                                                                                                                                                                                             | <b>Description</b>         |                        |
|                                                                                                                                                                                             | Heavy duty mixer 7L        |                        |

|                 |                               |                   |     |
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| <b>Date</b>     | 31-05-2021                    | <b>Revision #</b> | 1.0 |
| <b>Revision</b> | First Bill of Materials (BOM) |                   |     |

### Standard accessories



# Bill of materials (BOM)

|                                                                                                                                                                    |                            |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------|
|  <p><b>Hendi B.V.</b><br/>Steenoven 21<br/>3911 TX Rhenen<br/>The Netherlands</p> | <b>Batch #</b>             | <b>Appliance part#</b> |
|                                                                                                                                                                    | HK170154 until<br>HK061120 | <b>222829</b>          |
|                                                                                                                                                                    | <b>Description</b>         |                        |
|                                                                                                                                                                    | Heavy duty mixer 7L        |                        |

|                 |                               |                   |     |
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| Item | Description          | Part#  | Quantity | Remark | Picture |
|------|----------------------|--------|----------|--------|---------|
| 1    | Beater               | 944462 | 1        |        |         |
| 2    | Dough hook           | 944479 | 1        |        |         |
| 3    | Whisk                | 944486 | 1        |        |         |
| 4    | Stainless steel bowl | 944493 | 1        |        |         |
|      |                      |        |          |        |         |
|      |                      |        |          |        |         |

n/a -> not available

nss -> not sold separately

# Circuit diagram

|                                                                                                                                                                                             |                            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|
|  <b>HENDI</b><br>Tools for Chefs<br><b>Hendi B.V.</b><br>Steenoven 21<br>3911 TX Rhenen<br>The Netherlands | Batch #                    | Appliance part# |
|                                                                                                                                                                                             | HK170154 until<br>HK061120 | <b>222829</b>   |
|                                                                                                                                                                                             | Description                |                 |
|                                                                                                                                                                                             | Heavy duty mixer 7L        |                 |

|          |                               |            |     |
|----------|-------------------------------|------------|-----|
| Date     | 31-05-2021                    | Revision # | 1.0 |
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