

Service manual Minimat 43 S

Version: 2.00

Ident:

Series:

Part-Number: X1000

This part can be ordered.

Chapter

baking chamber, Minimatt 43 S 230V 50Hz - V:
control unit, Minimatt 43 S 230V 50Hz - V:
door, Minimatt 43 S 230V 50Hz - V:
frame, Minimatt 43 S 230V 50Hz - V:
installation room, Minimatt 43 S 230V 50Hz - V:



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Service manual baking chamber, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

X1000-300-005 - heater recirculating, Minimat 43 S 230V 50Hz - V:

X1100-011-000 - oven assembled, Minimat 43 S 230V 50Hz - V:

tray runners - V:



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Service manual heater recirculating, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1000-300-005



Chapter

- 00525 - distance sleeve 15 mm
- 06113 - steam pipe connection MIN1
- 106921 - holder isolation
- 107163 - female connector 5-pole
- 109859 - multi pin connector 5-pole
- 110352 - ventilation cover dotted
- 110753 - washer d= 10,5
- 111126 - hex nut M6 DIN 934
- 111127 - hexagonal nut M5
- 111485 - heater support
- 33568 - hexagon nut
- 34485 - seal holder motor shaft
- 34625 - seal heater
- 36314 - fan wheel
- 36321 - seal motor shaft, graphit
- 38134 - heater 3000 W
- 42105 - screw
- 42210 - washer
- 42330 - washer
- 42674 - screw
- 9020-110-004 - fan motor Min43 with 2 rotation speeds
- 9030-436-003 - capacitor motor 42655
- 9030-436-004 - capacitor motor 42698

Part: distance sleeve 15 mm

Part-Number: 00525

**Part: steam pipe connection MIN1**

Part-Number: 06113

**Part: holder isolation**

Part-Number: 106921

Part: female connector 5-pole

Part-Number: 107163

**Part: multi pin connector 5-pole**

Part-Number: 109859



Part: ventilation cover dotted

Part-Number: 110352

Part: washer d= 10,5

Part-Number: 110753

Part: hex nut M6 DIN 934

Part-Number: 111126

**Part: hexagonal nut M5**

Part-Number: 111127

Part: heater support

Part-Number: 111485

Part: hexagon nut

Part-Number: 33568



Part: seal holder motor shaft

Part-Number: 34485



Part: seal heater

Part-Number: 34625

When replacing the ring heater the seal must be replaced as well.



Part: fan wheel

Part-Number: 36314

The manufacturer tested the fan wheel for imbalance. Keep away any direct heat from the fan wheel for e.g. Blow lamps. otherwise the wheel will not run smoothly. An imbalance of the wheel will damage the motor and yield unsatisfactory baking results. The fan wheel is attached to the motor shaft and a fan wheel removal device must be used when replacing it. At any sign of imbalance the fan wheel must be replaced to prevent further damage.



Part: seal motor shaft, graphit

Part-Number: 36321

The motor shaft seal is a clean lead and seal against moisture at the back of the oven which could lead to disturbances. Therefore the following must be observed: Tighten the sealing plate after the motor is fastened, change seal after every removal of the motor.



Part: heater 3000 W

Part-Number: 38134

The ring heater is attached by the securing loops on the welded bolts on the oven wall with the nuts. The heater flange is secured with hexagonal screws. The ring heater can be replaced. When replacing the ring heater the seal must be also be replaced. Work with thread free hexagonal screws to prevent damage that may be caused by heat.



Part: screw

Part-Number: 42105



Part: washer

Part-Number: 42210

**Part: washer**

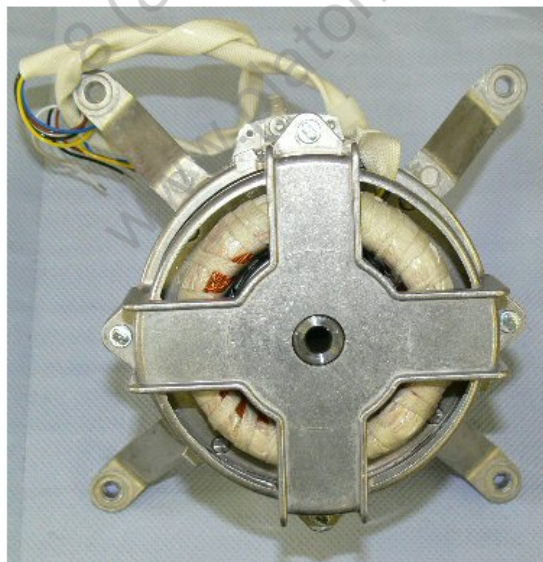
Part-Number: 42330

**Part: screw**

Part-Number: 42674

**Part: fan motor Min43 with 2 rotation speeds**

Part-Number: 9020-110-004

**Part: capacitor motor 42655**

Part-Number: 9030-436-003

Part: capacitor motor 42698

Part-Number: 9030-436-004



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Service manual oven assembled, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1100-011-000

Chapter

06035 - tray runners Minimat

08628 - thermostat tube

107923 - thermocouple plug

107924 - thermocouple tube

111706 - hangers left 3 plates MINIMAT1/Minimat 43 S

111707 - hangers right 3 plates MINIMAT1/Minimat 43 S

37981 - capillary tube regulator

38337 - door seal MINIMAT

9030-140-005 - thermocouple



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Part: tray runners Minimat

Part-Number: 06035

**Part: thermostat tube**

Part-Number: 08628

**Part: thermocouple plug**

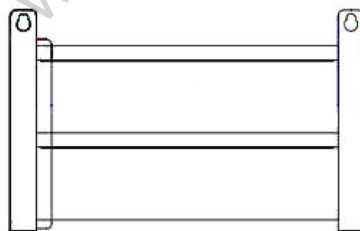
Part-Number: 107923

**Part: thermocouple tube**

Part-Number: 107924

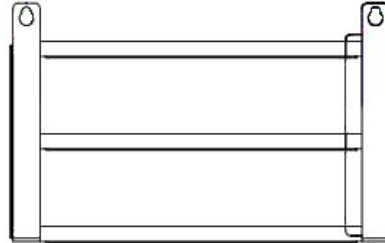
**Part: hangers left 3 plates MINIMAT1/Minimat 43 S**

Part-Number: 111706



Part: hangers right 3 plates MINIMAT1/Minimat 43 S

Part-Number: 111707



Part: capillary tube regulator

Part-Number: 37981

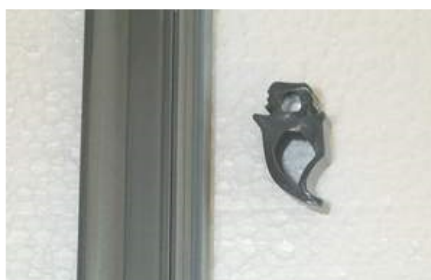
The thermostat measures the oven temperature. The fluid in the capillary tube measures the temperature. Be sure not to kink the capillary tube when placing it the result will be a false reading or interruption. Insulate the capillary tube on critical spots (e.g. circuit board) with silicone hose article number 40074.



Part: door seal MINIMAT

Part-Number: 38337

The door seal is glued with transparent heat resistant silicone on the radii, on the edges and on the long stretches. Should this be exchanged the old seal must be removed with the help of a knife. Clean the tracks and remove all silicone remains. Ensure when installing that the seal is completely in the frame. Order the door seal as cut ware. Instructions for installation and length of door seal can be found in the assembly instructions.



Part: thermocouple

Part-Number: 9030-140-005



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Service manual tray runners

Version:

Ident:

Series:

Part-Number:

Chapter

111706 - hangers left 3 plates MINIMAT1/Minimat 43 S
111707 - hangers right 3 plates MINIMAT1/Minimat 43 S



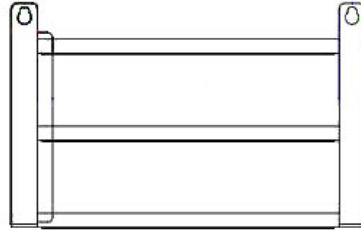
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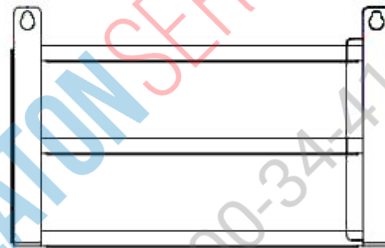
Part: hangers left 3 plates MINIMAT1/Minimat 43 S

Part-Number: 111706



Part: hangers right 3 plates MINIMAT1/Minimat 43 S

Part-Number: 111707



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Service manual control unit, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

X1000-301-010 - control panel classic assembled, Minimat 43 S 230V 50Hz - V:

X1000-355-000 - control panel comfort assembled, Minimat 43 S 230V 50Hz - V:

X1200-355-026 - slider classic assembled, Minimat 43 S 230V 50Hz - V:

X1200-355-027 - slider comfort assembled, Minimat 43 S 230V 50Hz - V:



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Service manual

control panel classic assembled, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1000-301-010

Chapter

107215 - control lamp 120 degrees WB 90
110239 - carrier thermostat
110855 - silicone hose
34862 - knob thermostat
35148 - signal lamp with clip; Attention replaced by 107215
36691 - knob timer
400342 - safety limit switch
400771 - illuminated key attachment adapter
400772 - illuminated key LED 230 V
400773 - illuminated key closing contact
401082 - illuminated key
401083 - illuminated notch (ON / OFF)
40316 - lens flange head screw
421017 - clock timer 60 minutes
70355 - safety limit switch
9030-325-001 - illuminated push-button black
9030-325-002 - button lens flat, "ON" "OFF"
9030-325-003 - button lens flat, steaming
9030-325-004 - button lens flat, fan speed
X1000-355-017 - cover classic tank
X1000-355-018 - cover classic



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Part: control lamp 120 degrees WB 90

Part-Number: 107215



Part: carrier thermostat

Part-Number: 110239

Part: silicone hose

Part-Number: 110855



Part: knob thermostat

Part-Number: 34862

Please note when ordering: Thermostat dial and timer dial have different connectors and are not compatible



Part: signal lamp with clip; Attention replaced by 107215

Part-Number: 35148



Part: knob timer

Part-Number: 36691

Please note when ordering: Thermostat dial and timer dial have different connectors and are not compatible



Part: safety limit switch

Part-Number: 400342

The thermostat knob regulates the post running of the fan to prevent the electrical components from overheating.



Part: illuminated key attachment adapter

Part-Number: 400771



Part: illuminated key LED 230 V

Part-Number: 400772

LED only with manual version as well as IS400 version with water tank.



Part: illuminated key closing contact

Part-Number: 400773

By locking the switch the contactor tightens and the normally open contact closes the inductor circuit as long as the power is supplied.



Part: illuminated key

Part-Number: 401082

The illuminated key does not click in. It only functions as long as it is pressed e.g. steaming



Part: illuminated notch (ON / OFF)

Part-Number: 401083

The illuminated key clicks in when in use. To deactivate the key it must be pressed. For example on/off



Part: lens flange head screw

Part-Number: 40316



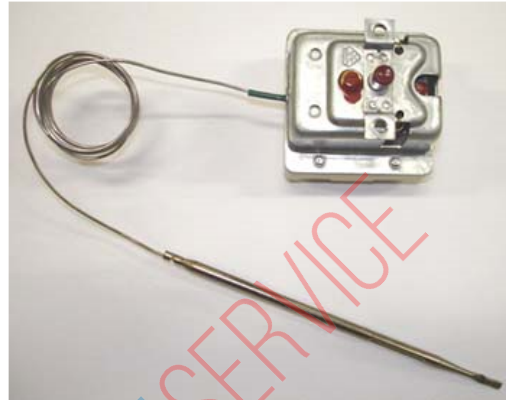
Part: clock timer 60 minutes

Part-Number: 421017

Part: safety limit switch

Part-Number: 70355

The temperature safety limit switch (STB) is the overheating protection for the baking chamber. It is activated at a temperature of 360°C. The heater connector switches off and the appliance quits working. Once the oven cools down the STB can be manually reset. The measurement occurs from the fluid in the capillary tube. Ensure when placing the capillary tube that it does not kink. The result is false readings or interruption. Insulate the capillary tube on the critical spots (e.g. circuit board) with silicone hose article number 40074.



Part: illuminated push-button black

Part-Number: 9030-325-001



Part: button lense flat, "ON" "OFF"

Part-Number: 9030-325-002



Part: button lense flat, steaming

Part-Number: 9030-325-003

**Part: button lense flat, fan speed**

Part-Number: 9030-325-004

**Part: cover classic tank**

Part-Number: X1000-355-017

**Part: cover classic**

Part-Number: X1000-355-018



Service manual control panel comfort assembled, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1000-355-000

Chapter

107695 - blade terminal, double 6,3
110239 - carrier thermostat
110855 - silicone hose
70355 - safety limit switch
9030-320-007 - Comfort Minimat
X1000-355-065 - cover comfort-tank, glued
X1000-355-066 - cover comfort, glued
X1200-355-029 - seal
X1200-355-116 - cover control
X1200-355-117 - fastener USB



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Part: blade terminal, double 6,3**Part-Number: 107695****Part: carrier thermostat****Part-Number: 110239****Part: silicone hose****Part-Number: 110855**

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Part: safety limit switch

Part-Number: 70355

The temperature safety limit switch (STB) is the overheating protection for the baking chamber. It is activated at a temperature of 360°C. The heater connector switches off and the appliance quits working. Once the oven cools down the STB can be manually reset. The measurement occurs from the fluid in the capillary tube. Ensure when placing the capillary tube that it does not kink. The result is false readings or interruption. Insulate the capillary tube on the critical spots (e..g. circuit board) with silicone hose article number 40074.



Part: Comfort Minimat

Part-Number: 9030-320-007



Part: cover comfort-tank, glued

Part-Number: X1000-355-065

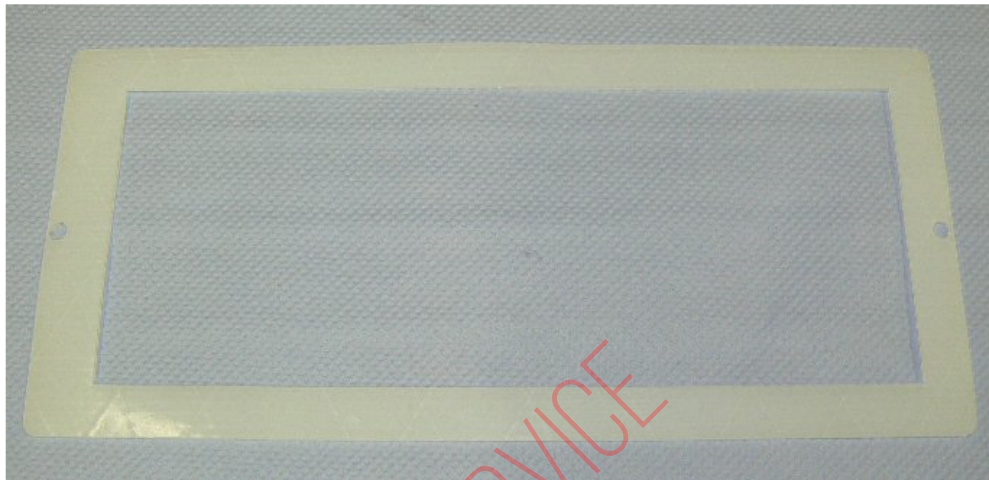


Part: cover comfort, glued

Part-Number: X1000-355-066

Part: seal

Part-Number: X1200-355-029



Part: cover control

Part-Number: X1200-355-116

Part: fastener USB

Part-Number: X1200-355-117



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Service manual

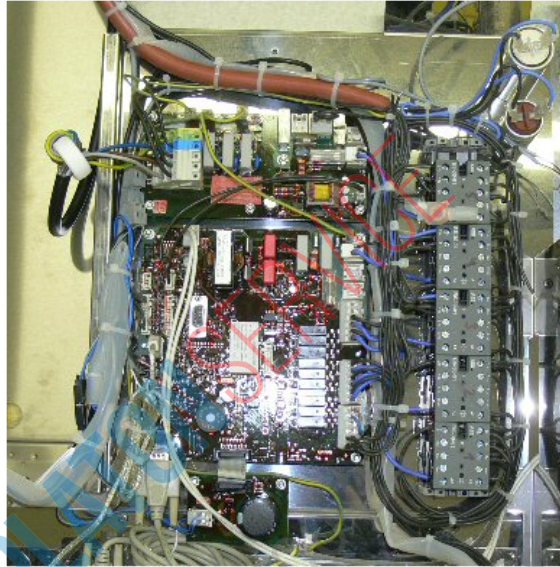
slider classic assembled, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1200-355-026

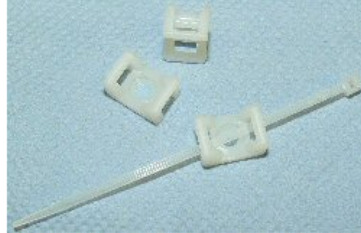


Chapter

- 107082 - fastening element for cable clip 6mm
- 109042 - bearing rail l=225
- 109905 - through terminal, blue 2,5m
- 109906 - PE- terminal
- 111338 - holder for wire harness
- 111343 - cross bridge iso. red 24 A 4/0
- 111344 - continuation clamp gray 2,5qmm
- 111345 - cable with plug for axial fan
- 33884 - relay main switch
- 34100 - transformer
- 36058 - buzzer
- 36304 - cam switch
- 404810 - end clamp grey
- 404814 - intermediate plate clamp
- 9030-430-040 - cable set Minimat classic
- X1200-355-028 - slide Minimat

Part: fastening element for cable clip 6mm

Part-Number: 107082

**Part: bearing rail l=225**

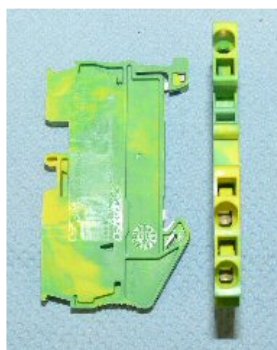
Part-Number: 109042

**Part: through terminal, blue 2,5m**

Part-Number: 109905

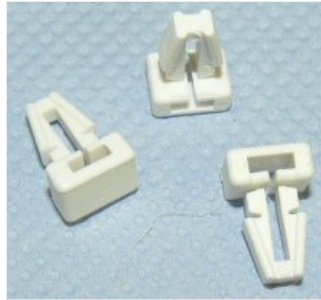
**Part: PE- terminal**

Part-Number: 109906



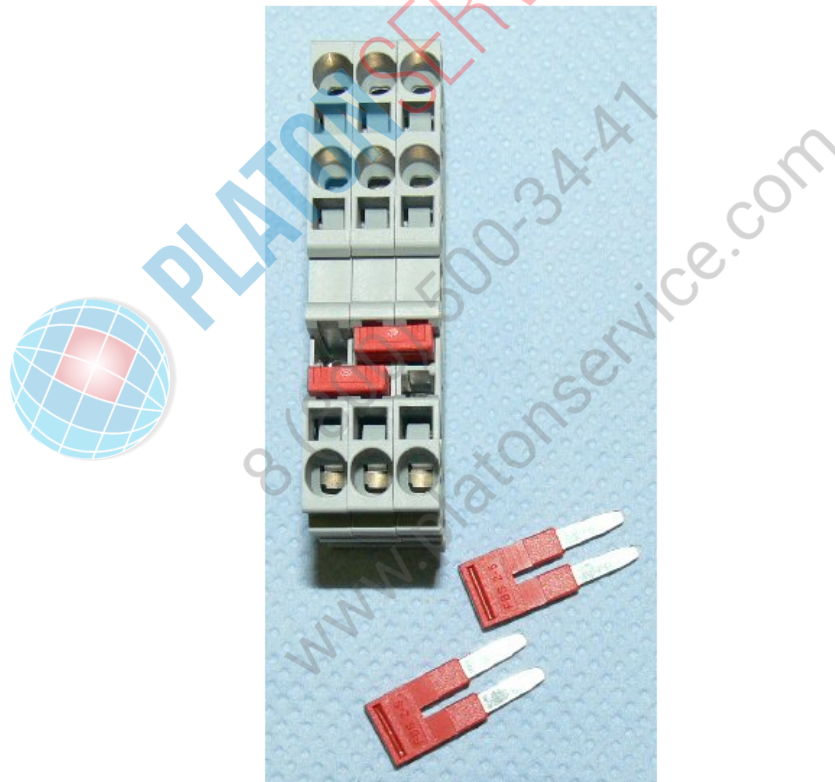
Part: holder for wire harness

Part-Number: 111338



Part: cross bridge iso. red 24 A 4/0

Part-Number: 111343



Part: continuation clamp gray 2,5qmm**Part-Number: 111344****Part: cable with plug for axial fan****Part-Number: 111345****Part: relay main switch****Part-Number: 33884**

The contactor switches the heater on/off.



Part: transformer

Part-Number: 34100



Part: buzzer

Part-Number: 36058

An acoustic signal is given at the end of the timer. (Buzzer 230 V)



Part: cam switch

Part-Number: 36304

The cam switch is a timed controlled direction changer of the fanwheel and controls the turning contactor.



Part: end clamp grey**Part-Number: 404810****Part: intermediate plate clamp****Part-Number: 404814****Part: cable set Minimat classic****Part-Number: 9030-430-040**

Part: slide Minimat

Part-Number: X1200-355-028



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Service manual

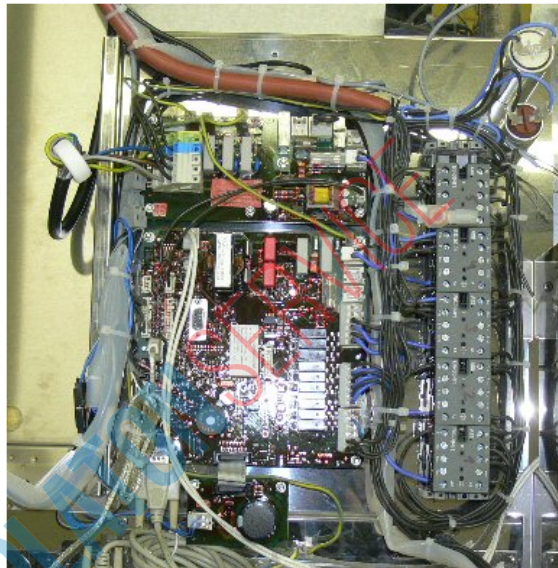
slider comfort assembled, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1200-355-027



Chapter

107082 - fastening element for cable clip 6mm
107159 - female multipoint connector 2 pole
107161 - female multipoint connector 3 pole
107657 - spacer for circuit boards
109042 - bearing rail l=225
109904 - end clamp grey
111231 - spacer
111338 - holder for wire harness
111339 - cable clip 102x2,5mm
111345 - cable with plug for axial fan
33884 - relay main switch
9030-330-001 - motherboard universal
9030-330-003 - terminal board active
9030-330-004 - additional board hoppo Minimat
9030-430-037 - data cable control Comfort-Classic
9030-430-041 - cable set Minimat comfort
9030-430-113 - USB-extension cord
X1200-355-028 - slide Minimat

Part: fastening element for cable clip 6mm

Part-Number: 107082

**Part: female multipoint connector 2 pole**

Part-Number: 107159

Part: female multipoint connector 3 pole

Part-Number: 107161

Part: spacer for circuit boards

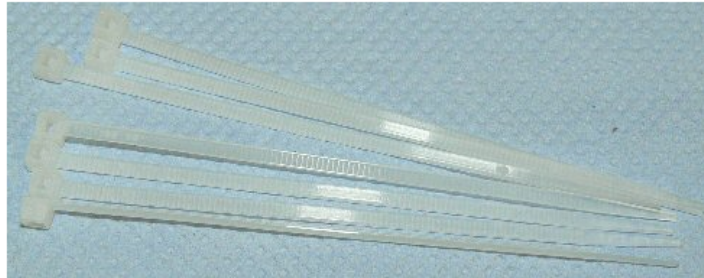
Part-Number: 107657

**Part: bearing rail I=225**

Part-Number: 109042

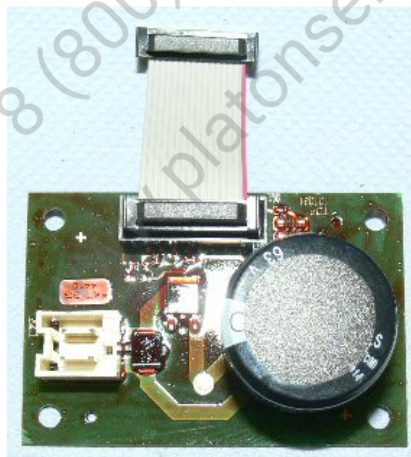


Part: end clamp grey**Part-Number: 109904****Part: spacer****Part-Number: 111231****Part: holder for wire harness****Part-Number: 111338**

Part: cable clip 102x2,5mm**Part-Number: 111339****Part: cable with plug for axial fan****Part-Number: 111345****Part: relay main switch****Part-Number: 33884**

The contactor switches the heater on/off.



Part: motherboard universal**Part-Number: 9030-330-001****Part: terminal board active****Part-Number: 9030-330-003****Part: additional board hoppo Minimat****Part-Number: 9030-330-004**

Part: data cable control Comfort-Classic**Part-Number: 9030-430-037****Part: cable set Minimat comfort****Part-Number: 9030-430-041****Part: USB-extension cord****Part-Number: 9030-430-113****Part: slide Minimat****Part-Number: X1200-355-028**

Service manual door, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

X1000-450-001 - door assembled, Minimat 43 S 230V 50Hz - V:

X1200-400-021 - door latch electrical left, Minimat 43 S 230V 50Hz - V:

X1200-400-020 - door latch electrical right, Minimat 43 S 230V 50Hz - V:
door latch mechanical, Minimat 43 S 230V 50Hz - V:



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Service manual

door assembled, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1000-450-001

Chapter

07774 - distance bolt Minimat
08504 - MINIMAT1 drain gutter
100171 - silicone underlay Minimat door
110074 - glass fiber cable siflex SIS/GL
110900 - hose heat shrinkable
111805 - sealing pane
111808 - sealing pane glued MIN1, Minimat 43 S
33042 - porcelain clamp 2-pole 10A
33427 - halogen lamp 12V 20W
33891 - halogen socket
36050 - DU bushing
37502 - rubber foot silicone
39092 - blind plug, door MINIMAT
9000-199-003 - screw thread furrow
9040-110-001 - double ball catch
9040-150-001 - handle Minimat
X1000-400-010 - right door Min 43 S complete
X1000-400-011 - left door Min 43 S complete



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Part: distance bolt Minimat**Part-Number: 07774**

Part: MINIMAT1 drain gutter**Part-Number: 08504**

Condensation, which is reflected in the glass window of the Minimat will be collected in the gutter, and evaporated. Recommend to the customer during the manual cleaning the gutter clean with a damp cloth.

**Part: silicone underlay Minimat door****Part-Number: 100171**

Part: glass fiber cable siflex SIS/GL**Part-Number: 110074**

Part: hose heat shrinkable**Part-Number: 110900**

Part: sealing pane**Part-Number: 111805****Part: sealing pane glued MIN1, Minimat 43 S****Part-Number: 111808**

Part: porcelain clamp 2-pole 10A**Part-Number: 33042**

Check the porcelain lamp holders and cables for damage. Please do not squeeze or kink the cable.



Part: halogen lamp 12V 20W

Part-Number: 33427



Part: halogen socket

Part-Number: 33891

Check the porcelain lamp holders and cables for damage. Please do not squeeze or kink the cable.



Part: DU bushing

Part-Number: 36050



Part: rubber foot silicone

Part-Number: 37502

The separator between the sealing pane and the viewing pane ensures that it will not bend. This ensures that even in extreme conditions for example when steaming that the Minimat door remains sealed



Part: blind plug, door MINIMAT

Part-Number: 39092

**Part: screw thread furrow**

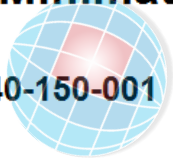
Part-Number: 9000-199-003

Part: double ball catch

Part-Number: 9040-110-001

**Part: handle Minimat**

Part-Number: 9040-150-001

**Part: right door Min 43 S complete**

Part-Number: X1000-400-010

Part: left door Min 43 S complete

Part-Number: X1000-400-011

Service manual

door latch electrical left, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1200-400-021

Chapter

06505 - Door stop
106006 - block holder left
107634 - closing sheet left / door hinge right
107650 - emergency opening door Minimat
109294 - lens flange head screw 4x10
110855 - silicone hose
36195 - electrical magnetic closure (IS)
36198 - door latch, electrical
37722 - ring D10xD18
42004 - screw M4x6
9030-330-004 - additional board hoppo Minimat

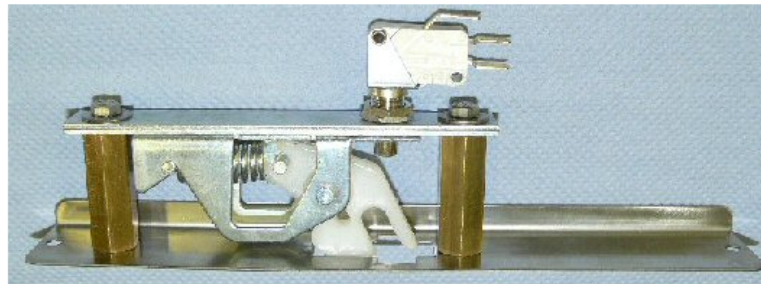


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Part: Door stop**Part-Number: 06505****Part: block holder left****Part-Number: 106006****Part: closing sheet left / door hinge right****Part-Number: 107634**

Part: emergency opening door Minimat**Part-Number: 107650****Part: lens flange head screw 4x10****Part-Number: 109294****Part: silicone hose****Part-Number: 110855****Part: electrical magnetic closure (IS)****Part-Number: 36195**

Part: door latch, electrical

Part-Number: 36198

The door block is fastened with 2 hexagonal screws M5 (wrench size 8) By loosening the screws the door blocks can be optimally adjusted. Tighten the screws once set. Secure the screws with Loctite 243 Article Number 61905.



Part: ring D10xD18

Part-Number: 37722

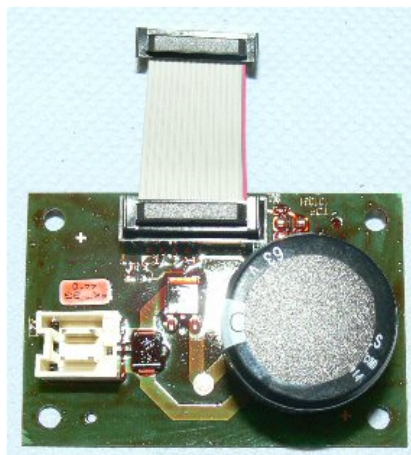
Part: screw M4x6

Part-Number: 42004



Part: additional board hoppo Minimat

Part-Number: 9030-330-004



Service manual

door latch electrical right, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1200-400-020

Chapter

00000797 - holding plate
106006 - block holder left
107635 - closing sheet right / door hinge left
107650 - emergency opening door Minimat
110855 - silicone hose
36195 - electrical magnetic closure (IS)
36198 - door latch, electrical
9030-330-004 - additional board hoppo Minimat



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Part: holding plate

Part-Number: 00000797



Part: block holder left

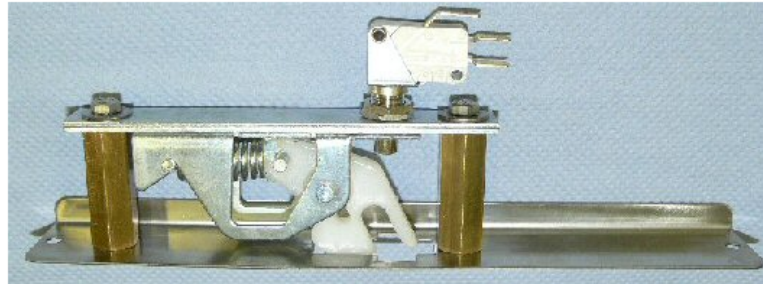
Part-Number: 106006



Part: closing sheet right / door hinge left

Part-Number: 107635



Part: emergency opening door Minimat**Part-Number: 107650****Part: silicone hose****Part-Number: 110855****Part: electrical magnetic closure (IS)****Part-Number: 36195**

Part: door latch, electrical

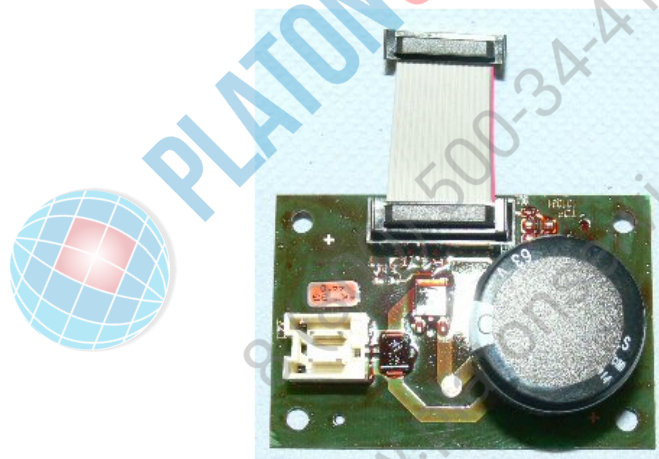
Part-Number: 36198

The door block is fastened with 2 hexagonal screws M5 (wrench size 8) By loosening the screws the door blocks can be optimally adjusted. Tighten the screws once set. Secure the screws with Loctite 243 Article Number 61905.



Part: additional board hoppo Minimat

Part-Number: 9030-330-004



Service manual

door latch mechanical, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

00000797 - holding plate
106006 - block holder left
107571 - spacers
111692 - mechanical door latch right MIN 1
111693 - mechanical door latch left MIN 1
400141 - contact switch door (MAN)
400542 - door latch, mechanical
400600 - mechanical closing sheet, MINIMAT left
400973 - mechanical closing sheet, MINIMAT right
401635 - latch MIN1



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Part: holding plate

Part-Number: 00000797

**Part: block holder left**

Part-Number: 106006

**Part: spacers**

Part-Number: 107571

**Part: mechanical door latch right MIN 1**

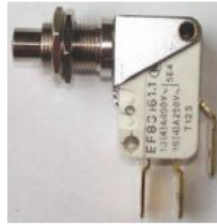
Part-Number: 111692

Part: mechanical door latch left MIN 1

Part-Number: 111693

Part: contact switch door (MAN)

Part-Number: 400141



Part: door latch, mechanical

Part-Number: 400542

The door block is fastened with 2 hexagonal screws M5 (wrench size 8) By loosening the screws the door blocks can be optimally adjusted. Tighten the screws once set. Secure the screws with Loctite 243 Article Number 61905.



Part: mechanical closing sheet, MINIMAT left

Part-Number: 400600



Part: mechanical closing sheet, MINIMAT right

Part-Number: 400973



Part: latch MIN1

Part-Number: 401635



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**Service manual
frame, Minimat 43 S 230V 50Hz**

Version:

Ident:

Series:

Part-Number:

Chapter

111580 - frame assembled, Minimat 43 S 230V 50Hz - V:



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Service manual frame assembled, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: 111580

Chapter

06286 - hinge pin with grating lower
106034 - locking pin
106454 - earth sign Ø 12,5
109030 - stiffening plate Minimat 1/2
110626 - blade terminal, double 6,3 typ F
111338 - holder for wire harness
111474 - foot welded
111478 - rear panel
33040 - strain relief
33973 - axial fan cover
36219 - cover cap
36833 - foot cover cap
40003 - silicone seal door
401606 - axial blower
X1000-500-002 - sheath



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Part: hinge pin with grating lower

Part-Number: 06286

**Part: locking pin**

Part-Number: 106034

Part: earth sign Ø 12,5

Part-Number: 106454

**Part: stiffening plate Minimat 1/2**

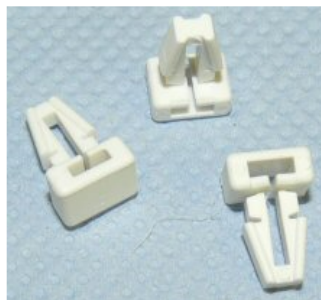
Part-Number: 109030

Part: blade terminal, double 6,3 typ F

Part-Number: 110626

Part: holder for wire harness

Part-Number: 111338



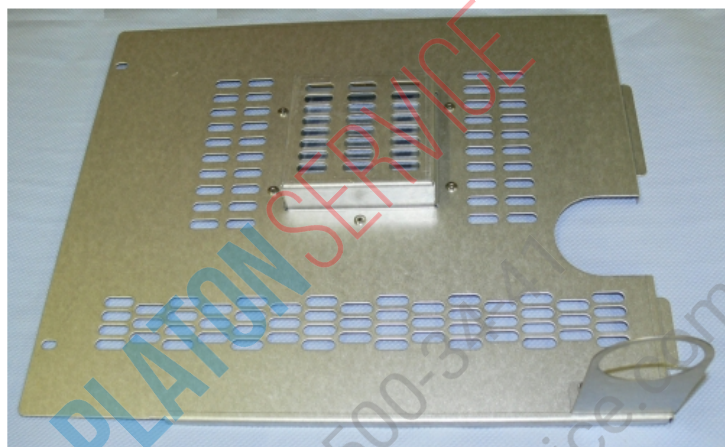
Part: foot welded

Part-Number: 111474



Part: rear panel

Part-Number: 111478



Part: strain relief

Part-Number: 33040



Part: axial fan cover

Part-Number: 33973

To avoid injury the axial fan cover must be installed correctly.



Part: cover cap

Part-Number: 36219

Plug for holes in the side wall. Is used in EUROMAT E2 from May 2013.



Part: foot cover cap

Part-Number: 36833



Part: silicone seal door

Part-Number: 40003



Part: axial blower

Part-Number: 401606



Part: sheath

Part-Number: X1000-500-002



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Service manual installation room, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number:

Chapter

X1200-200-021 - fixed water connection comfort control, Minimat 43 S 230V 50Hz - V:

111844 - fixed water connection manual control, Minimat 43 S 230V 50Hz - V:

X1200-200-011 - tank connection, Minimat 43 S 230V 50Hz - V:



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Service manual

fixed water connection comfort control, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1200-200-021

Chapter

107920 - straight male 10/8

33377 - double nipple Ms

403753 - solenoid valve

40485 - teflon hose

9060-115-001 - extension -inside

9060-510-001 - flow meter



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Part: straight male 10/8**Part-Number: 107920****Part: double nipple Ms****Part-Number: 33377****Part: solenoid valve****Part-Number: 403753**

It is necessary to clean the dirt sieve of the solenoid valve regularly. Particles in the water line will stick to the sieve and interrupt the water flow. Please note the maximum water pressure and other warnings from the data sheets regarding the water connection. The solenoid valve works with a flow pressure of 150 - 600 kPa. You can test the solenoid valve function in the PC - Tool - Test. Attention the test is a continued test and this function is not protected from overload.

**Part: teflon hose****Part-Number: 40485**

Part: extansion -inside

Part-Number: 9060-115-001



Part: flow meter

Part-Number: 9060-510-001



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Servicemanual

fixed water connection manual control, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: 111844

Chapter

109002 - bolting angle 10/8

25306 - connection cable safety plug 230V

403753 - solenoid valve

40485 - teflon hose

45559 - pair of tray runners MIN1



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Part: bolting angle 10/8**Part-Number: 109002**

Part: connection cable safety plug 230V**Part-Number: 25306****Part: solenoid valve****Part-Number: 403753**

It is necessary to clean the dirt sieve of the solenoid valve regularly. Particles in the water line will stick to the sieve and interrupt the water flow. Please note the maximum water pressure and other warnings from the data sheets regarding the water connection. The solenoid valve works with a flow pressure of 150 - 600 kPa. You can test the solenoid valve function in the PC - Tool - Test. Attention the test is a continued test and this function is not protected from overload.

**Part: teflon hose****Part-Number: 40485**

Part: pair of tray runners MIN1

Part-Number: 45559



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Service manual

tank connection, Minimat 43 S 230V 50Hz

Version:

Ident:

Series:

Part-Number: X1200-200-011

Chapter

100495 - tank lid Minimat
100496 - tank
100515 - plug nipple tank
100529 - float switch
106224 - pump holder Minimat manual
107921 - fitting angle 10/8
111490 - holding plate Minimat
33355 - Bushing
33377 - double nipple Ms
34555 - silicone hose
37882 - level sensor connection
38513 - pump
40485 - teflon hose
42237 - hose clamp 12-22/9A1
9010-810-003 - magnetic lock
9060-115-001 - extension -inside
9060-510-001 - flow meter
E 100502 - quick connect tank
X1200-355-054 - stiffening plate



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Part: tank lid Minimat

Part-Number: 100495

**Part: tank**

Part-Number: 100496

**Part: plug nipple tank**

Part-Number: 100515

**Part: float switch**

Part-Number: 100529

The level sensor controls the filling level of the tank. A signal is given when the remaining contents are at 10%.



Part: pump holder Minimat manualPart-Number: 106224

Part: fitting angle 10/8Part-Number: 107921

Part: holding plate MinimatPart-Number: 111490

Part: BushingPart-Number: 33355

**Part: double nipple Ms**Part-Number: 33377



Part: silicone hose**Part-Number: 34555****Part: level sensor connection****Part-Number: 37882****Part: pump****Part-Number: 38513**

In mobile appliances with a tank the pump for the steamer is 230 V controlled. It puts the required amount of spray pressure in the oven.



Part: teflon hose

Part-Number: 40485

**Part: hose clamp 12-22/9A1**

Part-Number: 42237

**Part: magnetic lock**

Part-Number: 9010-810-003

**Part: extension -inside**

Part-Number: 9060-115-001



Part: flow meter**Part-Number: 9060-510-001****Part: quick connect tank****Part-Number: E 100502**

In order to avoid a snap in into the quick connector the metal clips have been removed

**Part: stiffening plate****Part-Number: X1200-355-054**

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