

INSTRUCTION MANUAL

MIG 300 C / 305 C



MIGATRONIC

EC DECLARATION OF CONFORMITY

MIGATRONIC A/S
Aggersundvej 33
9690 Fjerritslev
Denmark


hereby declare that our machine as stated below

Type: MIG 300 C / MIG 305 C
As of: week 49, 2000

conforms to directives 2006/95/EC and 2004/108/EC

European Standards: EN/IEC60974-1
EN/IEC60974-5
EN/IEC60974-10 (Class A)

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Peter Roed
Managing director

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WARNING



Arc welding and cutting can be dangerous to the user, people working nearby, and the surroundings if the equipment is handled or used incorrectly. Therefore, the equipment must only be used under the strict observance of all relevant safety instructions. In particular, your attention is drawn to the following:

Electricity

- The welding equipment must be installed according to safety regulations and by a properly trained and qualified person. The machine must be connected to earth through the mains cable.
- Make sure that the welding equipment is correctly maintained.
- In the case of damaged cables or insulation, work must be stopped immediately in order to carry out repairs.
- Repairs and maintenance of the equipment must be carried out by a properly trained and qualified person.
- Avoid all contact with live components in the welding circuit and with electrodes and wires if you have bare hands. Always use dry welding gloves without holes.
- Make sure that you are properly and safely earthed (e.g. use shoes with rubber sole).
- Use a safe and stable working position (e.g. avoid any risk of accidents by falling).

Light and heat emissions

- Protect the eyes as even a short-term exposure can cause lasting damage to the eyes. Use a welding helmet with suitable radiation protection glass.
- Protect the body against the light from the arc as the skin can be damaged by welding radiation. Use protective clothes, covering all parts of the body.
- The place of work should be screened, if possible, and other persons in the area warned against the light from the arc.

Welding smoke and gases

- The breathing in of the smoke and gases emitted during welding is damaging to health. Make sure that any exhaust systems are working properly and that there is sufficient ventilation.

Fire hazard

- Radiation and sparks from the arc represent a fire hazard. As a consequence, combustible materials must be removed from the place of welding.
- Working clothing should also be secure against sparks from the arc (e.g. use a fire-resistant material and watch out for folds and open pockets).
- Special regulations exist for rooms with fire- and explosion hazard. These regulations must be followed.

Noise

- The arc generates acoustic noise according to welding task. In some cases, use of hearing aids is necessary.

Dangerous areas

- Fingers must not be stuck into the rotating gear wheels in the wire feed unit.
- Special consideration must be taken when welding is carried out in closed areas or in heights where there is a danger of falling down.

Positioning of the machine

- Place the welding machine so there is no risk that the machine will tip over.
- Special regulations exist for rooms with fire- and explosion hazard. These regulations must be followed.

Use of the machine for other purposes than it is designed for (e.g. to unfreeze water pipes) is strongly deprecated. If the occasion should arise this will be carried out without responsibility on our part.

**Read this instruction manual carefully
before the equipment is installed and in operation**

Electromagnetic emissions and the radiation of electromagnetic disturbances

This welding equipment for industrial and professional use is in conformity with the European Standard EN/IEC60974-10 (Class A). The purpose of this standard is to prevent the occurrence of situations where the equipment is disturbed or is itself the source of disturbance in other electrical equipment or appliances. The arc radiates disturbances, and therefore, a trouble-free performance without disturbances or disruption, requires that certain measures are taken when installing and using the welding equipment. **The user must ensure that the operation of the machine does not occasion disturbances of the above mentioned nature.**

The following shall be taken into account in the surrounding area:

1. Supply and signalling cables in the welding area which are connected to other electrical equipment.
2. Radio or television transmitters and receivers.
3. Computers and any electrical control equipment.
4. Critical safety equipment e.g. electrically or electronically controlled guards or protective systems.
5. Users of pacemakers and hearing aids etc.
6. Equipment used for calibration and measurement.

7. The time of day that welding and other activities are to be carried out.
8. The structure and use of buildings.

If the welding equipment is used in a domestic establishment it may be necessary to take special and additional precautions in order to prevent problems of emission (e.g. information of temporary welding work).

Methods of reducing electromagnetic emissions:

1. Avoid using equipment which is able to be disturbed.
2. Use short welding cables.
3. Place the positive and the negative cables close together.
4. Place the welding cables at or close to floor level.
5. Remove signalling cables in the welding area from the supply cables.
6. Protect signalling cables in the welding area, e.g. with selective screening.
7. Use separately-insulated mains supply cables for sensitive electronic equipment.
8. Screening of the entire welding installation may be considered under special circumstances and for special applications.

INITIAL OPERATION

Mains connection

The machine must be connected to a three-phase mains supply and it is important to ensure that the mains supply voltage is in accordance with the voltage to which the machine is built.

Configuration

MIGATRONIC disclaims all responsibility for damaged cables and other damages related to welding with under sized welding torch and welding cables measured by welding specifications e.g. in relation to permissible load.

Warning

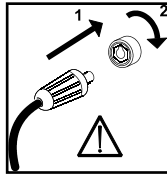
Connection to generators can damage the welding machine.

When connected to a welding machine, generators can produce large voltage pulses, which can damage the welding machine. Use only frequency and voltage stable generators of the asynchronous type.

Defects on the welding machine arisen due to connection of a generator are not included in the guarantee.

Important!

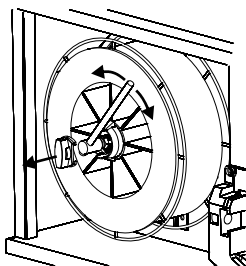
In order to avoid destruction of plugs and cables, good electric contact is required when connecting earth cables and welding torch to the machine.



Dispose of the product according to local standards and regulations.
www.migatronik.com/goto/weee

Adjustment of wire brake

The wire brake must ensure that the wire reel brakes sufficiently quickly when welding stops. The required brake force is depending on the weight of the wire reel and the maximum wire feed speed. A brake torque of 1.5-2.0 Nm will be satisfactory for most applications.



Adjustment:

- Dismount the control knob by placing a thin screw driver behind the knob and thereafter pull it out
- Adjust the wire brake by fastening or loosening the self-locking nut on the axle of the wire hub
- Remount the knob by pressing it back into the groove

Technical data

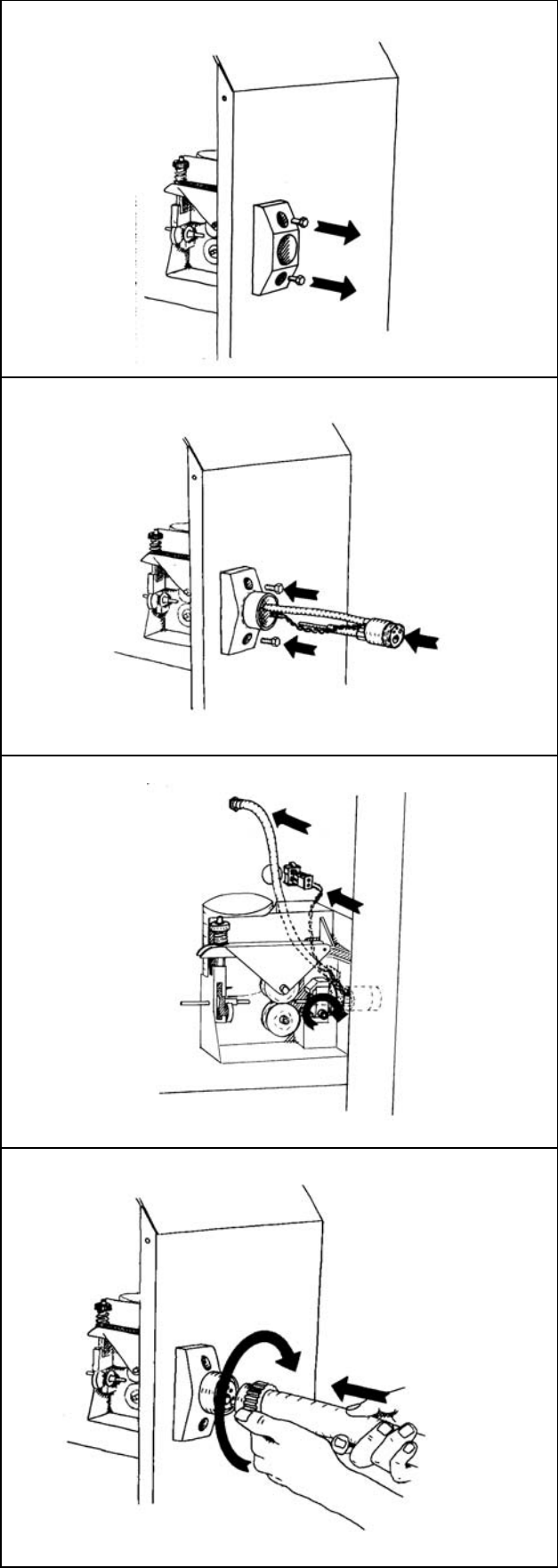
Mains voltage	3x230/400 V
Fuse	16/10 A
Consumption max.	10.4 kVA
Efficiency	0.85
Cos. phi	0.97
Open circuit voltage	14-47 V
Voltage positions	20
100% duty cycle	170 A
60% duty cycle	215 A
35% duty cycle	285 A
Current range DC	20-300 A
Norm	EN/IEC60974-1 EN/IEC60974-5 EN/IEC60974-10 (Class A)
¹ Sphere of application	
² Protection class	IP 21
Wire feed unit:	
Working voltage DC	24 V DC
Wire motor, consumption	60 W
Wire reel capacity	5-15 kg
Wire dimension	0.6-1.2 mm
Wire speed	1-15 m/min
Spot-welding time	0.10-1.5 sec.
Pause time	0.10-1.5 sec.
Burn-back	0.05-0.5 sec.
Dim. l x w x h	90x44x71 cm
Total weight	104 kg

It must be ensured that the air inlet and outlet are not blocked.

¹ The machine meets the standards which are demanded of machines working in areas where there is an increased risk of electric shock

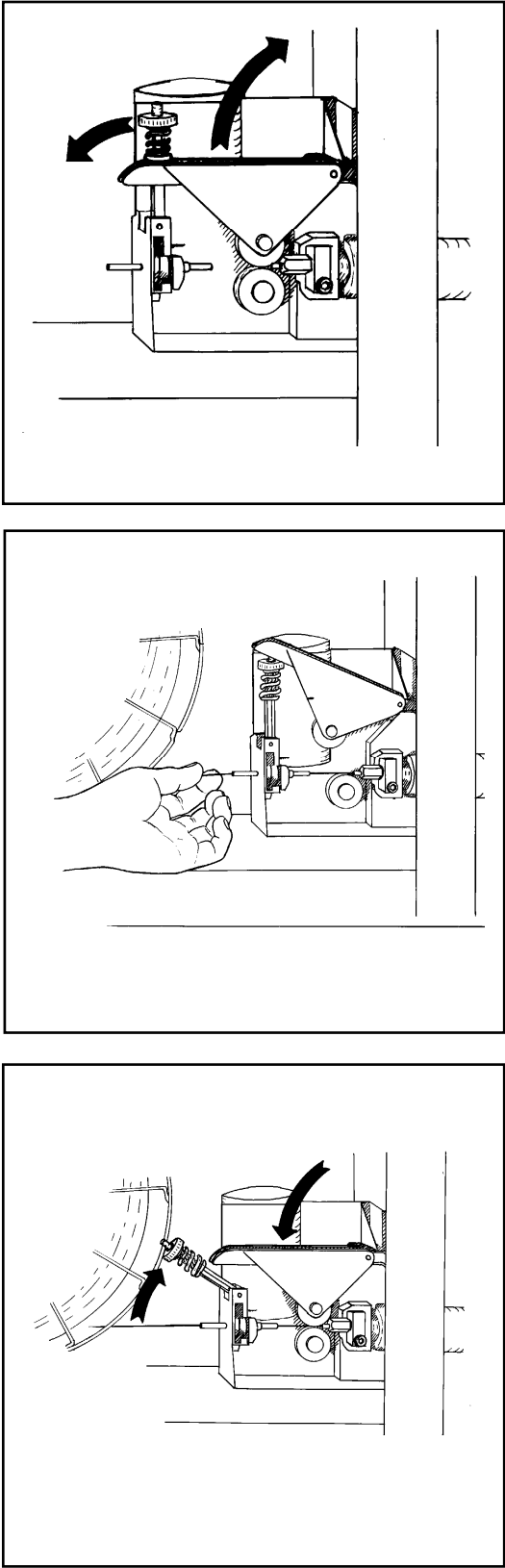
² Indicates that the machine cannot be used outside in the rain

FITTING OF TORCH WITH CENTRAL CONNECTOR

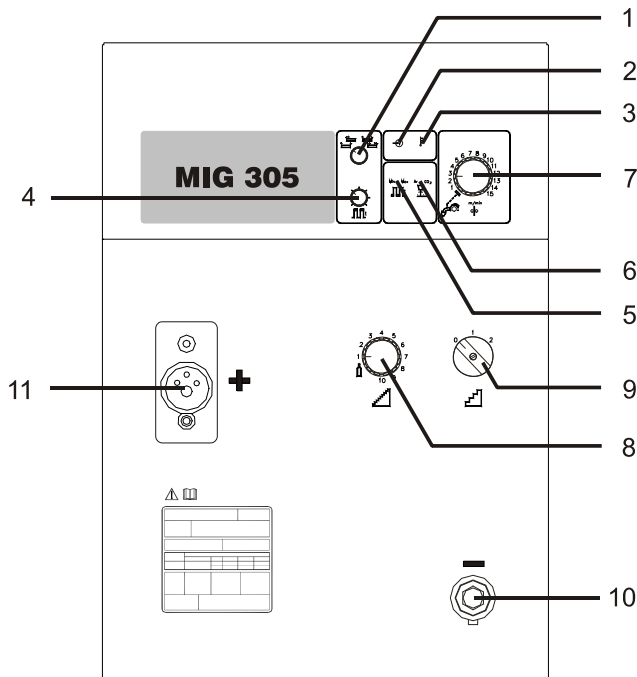


FITTING THE WELDING WIRE

Type C2 (2 wire feed rolls)



CONTROL SWITCHES



1. **Switch:** (not on all types)

2-times:  symbol

Start welding by pressing the trigger on the torch. Welding continues until the trigger is released.

Spot:  symbol

The switch is set at Spot. When the trigger on the torch is pressed, welding starts. Welding stops automatically, depending on the time set on control 4 (0.1-1.5 secs.)

Stitch:  symbol

The switch is set at Stitch. When the trigger is pressed, welding starts. The welding automatically stops, depending on the time set on control 4. After an interval fixed at control 5 the same cycle continues automatically and only ceases when the trigger on the torch is released.

4-times:  symbol

Welding starts the first time the trigger is pressed (after which the trigger can be released) and continues until the trigger is pressed again to stop the welding process.

2. **ON**

Lights when the machine has been turned on.

3. **Overheating**

Lights if the welding process is automatically stopped due to overheating of the transformer. The light extinguishes when the transformer temperature has dropped to normal, and welding can continue.

4. **Welding time** (not on all types)

With this control the welding time can be infinitely varied between 0.1 and 1.5 secs when switch 1 is set to position Spot or Stitch.

5. **Pause time** (not on all types)

With this control the pause time can be infinitely varied between 0.1 and 1.5 secs when switch 1 is in position Stitch.

6. **Burn-Back**

Variable time delay for wire to stop feeding after voltage is switched off. This function is used to prevent the wire sticking to the workpiece or torch. Variable between 0.05 and 0.5 secs.

7. **Wire feed speed control**

Infinitely variable (1 - 15 m/min).

8. **Switch for welding voltage**

(Fine adjustment)

For machines with "Gas-test".

When set at "Gas-test", the gas flows when the torch trigger is pressed.

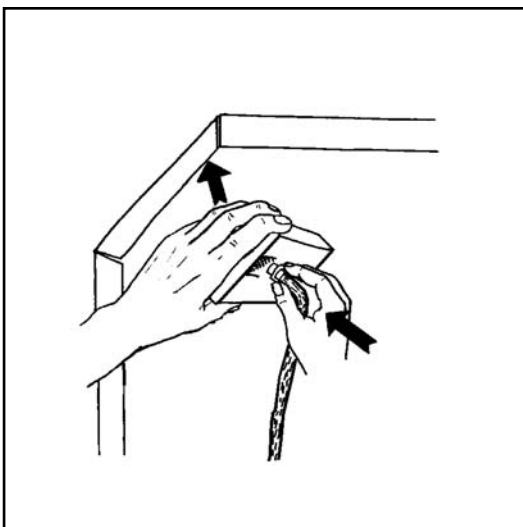
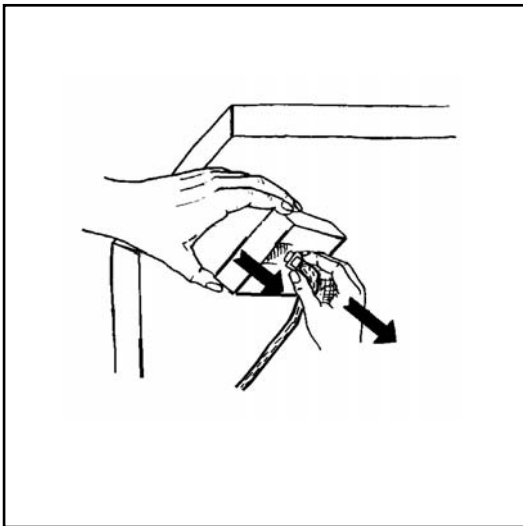
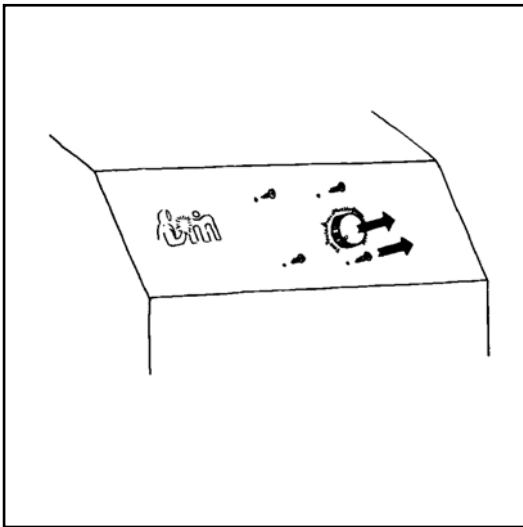
9. **Mains ON/OFF switch and voltage adjustment**

(Coarse adjustment)

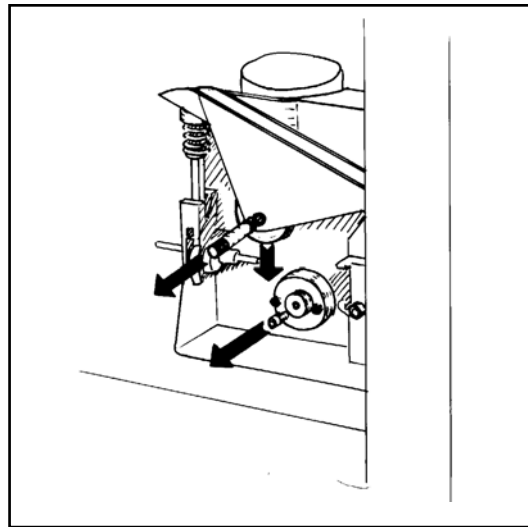
10. **Earth return lead socket**

11. **Connector for torch hose assembly**

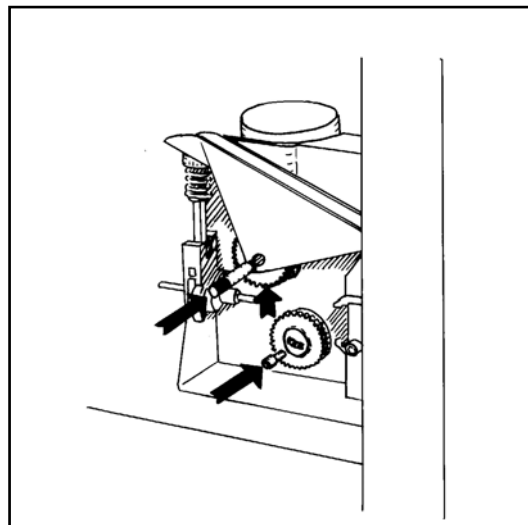
REPLACING THE ELECTRONIC CONTROL UNIT



CHANGING THE DRIVE ROLLS ON A 2-ROLL WIRE FEED SYSTEM



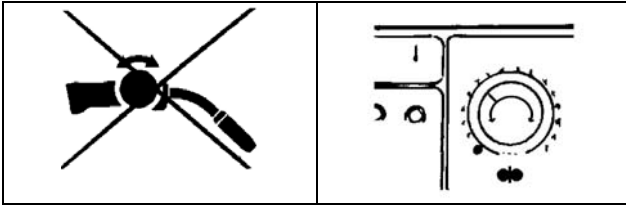
Removal of wire drive rolls and bearings.



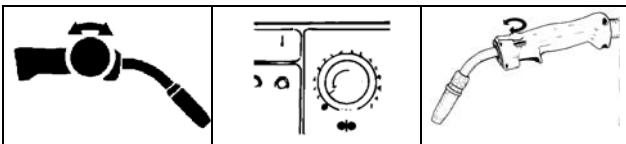
Fitting of replacement wire drive rolls and bearings.

TORCH CONTROL

- (A) When wire feed speed is controlled from the machine



- (B) When wire feed speed is controlled from the welding torch



MAINTENANCE

Only first-class materials are used in the development and production of **MIGATRONIC** welding machines.

However good the materials that have been used, and no matter how careful the construction, an advanced product such as a welding machine requires your care and attention if it is to operate perfectly for many years to come.

Lack of maintenance can lead to reduced reliability and cancellation of the guarantee.

Wire feed unit

This unit must be kept clean with dry, clean, compressed air and maintained regularly in the areas of the wire drive rolls and capillary tubes, as it is essential for consistent wire feed, satisfactory welding results, and a minimum of wear and tear, that the wire passes through the wire drive system without any deformation of the wire or the wire drive rolls.

The contact tips must be checked often and changed if the copper plating of the wire is damaged on its way through the tips.

Copper dust may prevent free passage of wire through the torch liner. A weekly check and cleaning of the capillary tubes and the wire drive rolls is recommended.

Welding hose

Great care should be taken to ensure that the welding hose is not overloaded. It should not be pulled over sharp edges, and heavy machines should not run over it as this may damage the torch liner.

The torch hose assembly should be dismantled every week and blown out with clean, dry compressed air. The torch must be disconnected from the machine during this process.

Welding torch

There are many parts in the welding torch that have to be cleaned regularly. The main ones are the contact tips and the gas shroud.

During the welding process, these parts are bombarded with spatter that sticks to the shroud. This may disturb the shielding gas flowing from the gas shroud down to the molten pool, and must be removed regularly. The use of **MIGATRONIC MIG SPRAY** loosens spatter.

During the cleaning process, the gas shroud should be removed. Do not clean by banging or hitting the torch.

Power source

The power source should be checked and cleaned at least once a year by trained service staff.

FAULT IDENTIFICATION

Too little welding effect.

The welding seam forms a bead standing proud of the plate.

1. One of the three fuses in the main switch is not working (one phase is missing).
2. The welding voltage is too low.
Switch one setting higher.

The wire feed has stopped

1. The inlet nozzle and the wire are not in alignment with each other.
2. The reel of wire is too taut, the wire must come off the reel evenly.
3. The inlet or contact tip has worn out or is blocked.
4. The welding wire is not clean or it is rusty. It could also be of an inferior quality.
5. The pressure roller has to be tightened.

Spatter

1. The wire feed is too fast for the voltage setting.
2. Worn out contact tip.

Porous weld. A cone is formed when spot welding

1. Insufficient gas - too little pressure or the bottle is empty.
2. Contact tip is blocked up.
3. Leakage air is pumped in and mixes with the shielding gas.

The wire keeps sticking in the contact tip and feeds at slow speed

1. The damaged wire should be cut off, pulled out and replaced. The pressure on the wire feed roller should be checked and adjusted if necessary.
2. Worn out contact tip.
3. Wire feed speed may need increasing.

WARRANTY REGULATIONS

All MIGATRONIC machines carry a twelve month guarantee against hidden defects. Such defects must be notified no later than two months after it has been noticed. The warranty runs for twelve months after invoicing to end customer.

The warranty becomes void by faults that can be attributed to incorrect installation, pests, transport damages, water- and fire damages, strokes of lightning, use in connection with a synchronous generator and use under abnormal conditions, which lies beyond the product specification.

Lack of maintenance

There is a lapse of warranty if the product is not properly maintained. E.g. if the product is dirty to such a degree that cooling is hindered. The warranty does not cover damages, which can be traced back to unauthorised and incorrect repairs of the product.

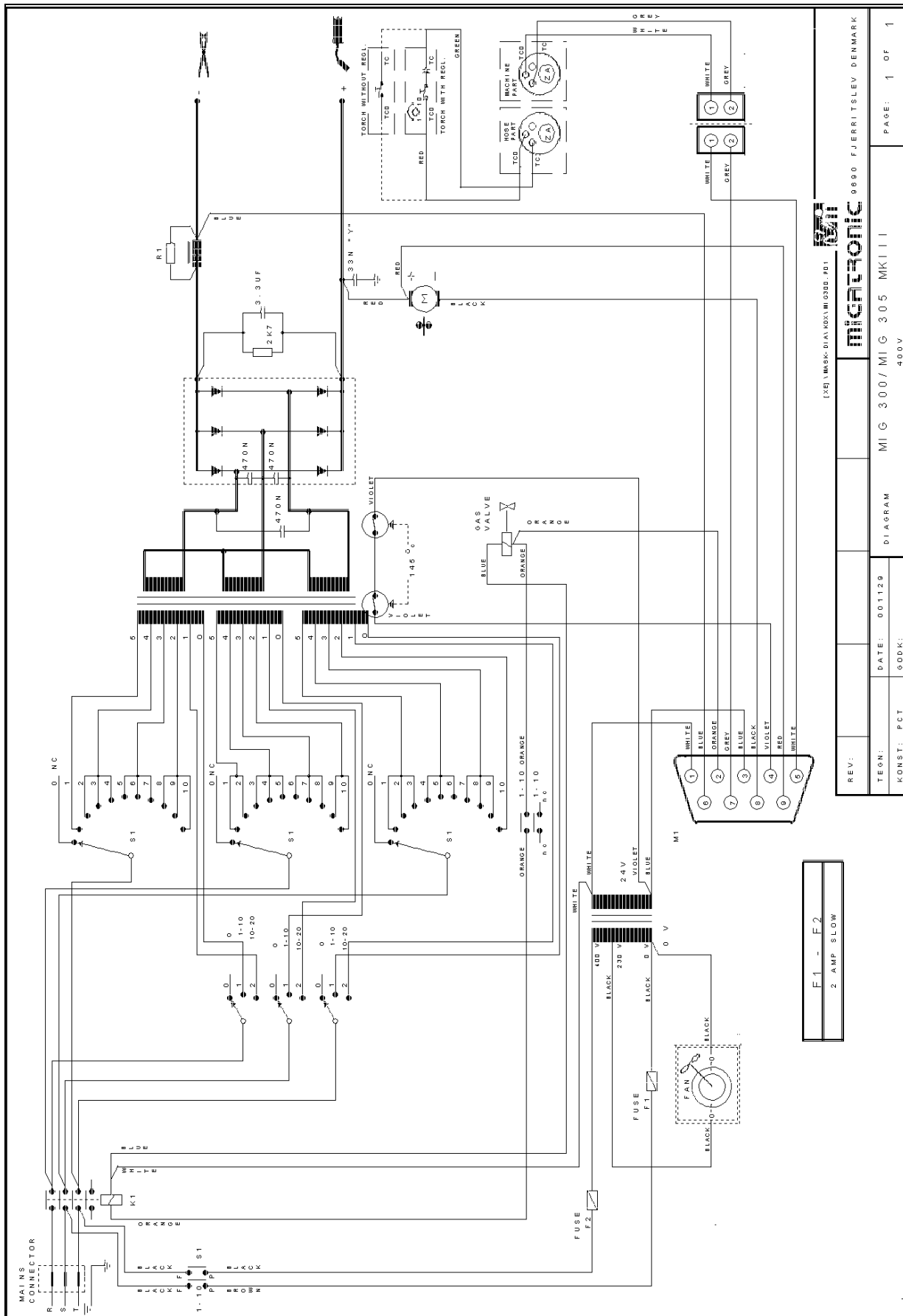
Wear parts

The warranty does not cover wear parts (welding hoses, welding cables and wire drive rolls)

Resulting damages

Use of the product must stop immediately after acknowledgement of a defect in order to avoid further damage of the product. The warranty does not cover resulting damages due to use of the product after acknowledgement of a defect. Moreover, the warranty does not cover resulting damages on other items due to product defect.

CIRCUIT DIAGRAM 400 V



F1 - F2
2 AMP SLOW



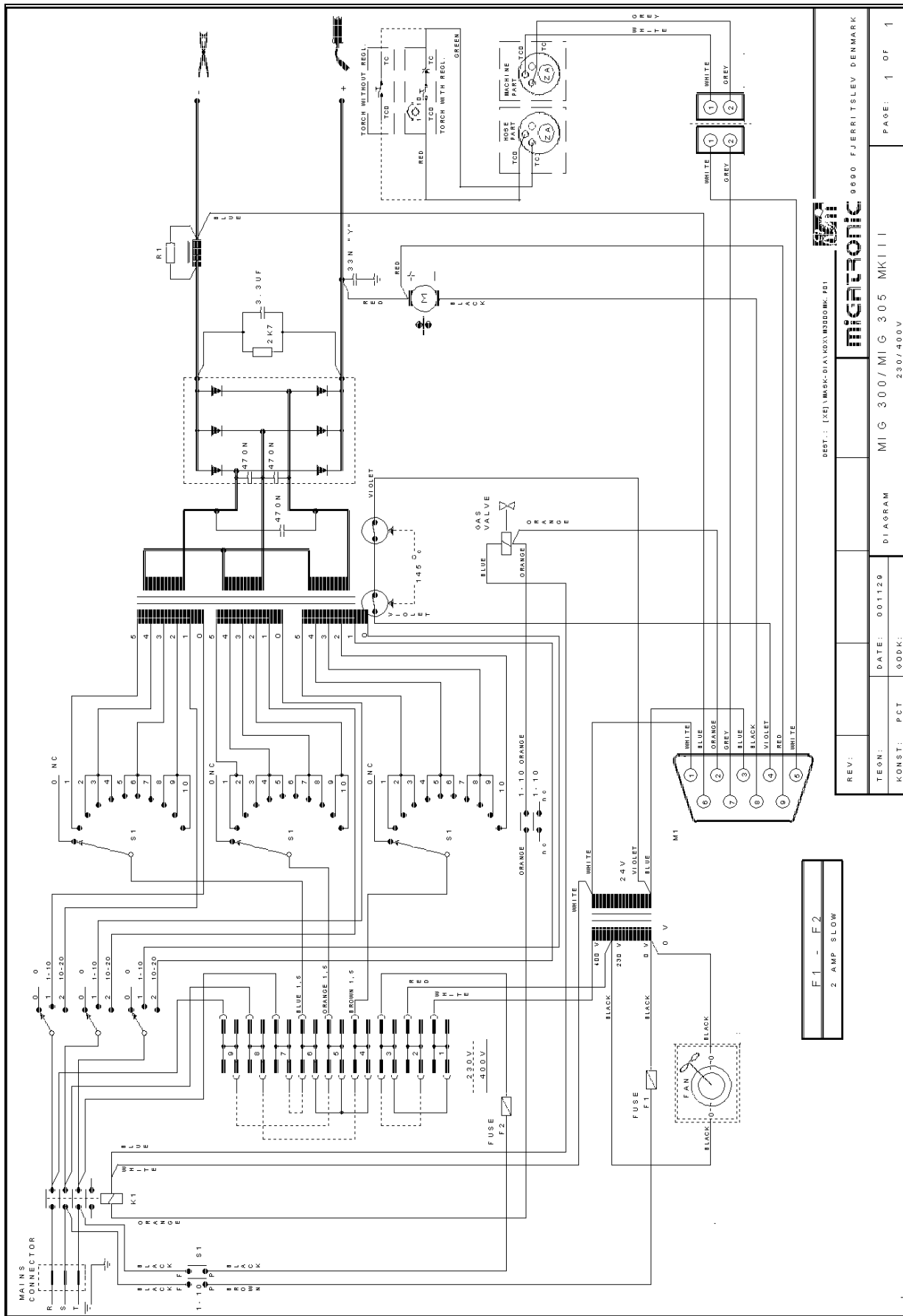
(X)E) YMSK-DIAG-MIG305-MI-G300-P01

MICRATRONIC

9000 FJERRITSLEV DENMARK

REV:	DATE: 001129	DIAGRAM: MI G 300/MI G 305 MK III	PAGE: 1 OF 1
TEON:	SODK:	400V	
KONST: PCT			

CIRCUIT DIAGRAM 230/400 V



06000 FJERRITSLLEV DENMARK
MIG 300 / MIG 305 MK III
 230 / 400 V

REV:	DATE: 001129	DIAGRAM	PAGE: 1 OF 1
TECHN:	000K:	PCT	

DEST.: [X] \ MASK-DIAGRAM3000MK.PBT
 DEST.: [X] \ MASK-DIAGRAM305MK.PBT

F1 - F2
 2 AMP SLOW

**Reservedelsliste
Spare parts list
Ersatzteilliste
Liste des pièces de rechange
MIG 300 C / MIG 305 C**

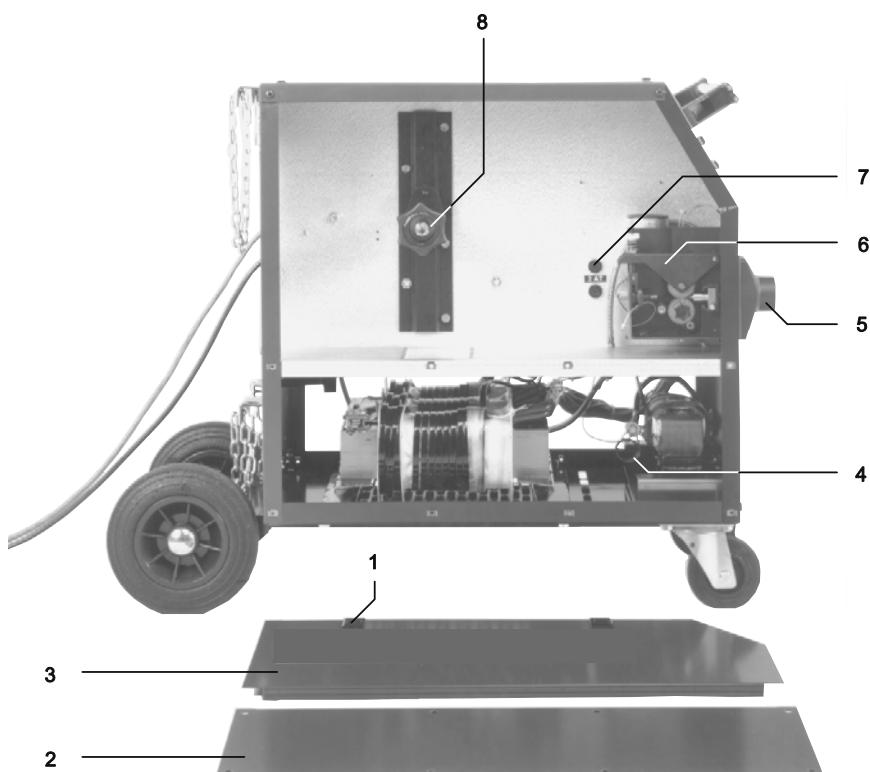
MIG 300 C / MIG 305 C



Pos.	No.	Varebetegnelse Warenbezeichnung	Description of goods Désignation des pièces
1a	61113500	Frontpanel MIG 300 C Frontplatte MIG 300 C	Front plate MIG 300 C Pièce avant MIG 300 C
1b	61113561	Frontpanel MIG 305 C-2 Frontplatte MIG 305 C-2	Front plate MIG 305 C 2 Pièce avant MIG 305 C 2
1c	61113562	Frontpanel MIG 305 C-4 Frontplatte MIG 305 C-4	Front plate MIG 305 C 4 Pièce avant MIG 305 C 4
2	18508002	Knap ø 36,5 mm Knopf ø 36,5 mm	Button ø 36,5 mm Bouton ø 36,5 mm
3	18508004	Drejeknap ø 15,5 mm Drehknopf ø 15,5 mm	Adjusting knob ø 15.5 mm Bouton à rotation ø 15,5 mm
4	24413528	Låg Deckel	Cover Couvercle
5a	80502503	Stelkabel 3m, 25mm ² Massekabel 3m, 25mm ²	Earth cable 3m, 25mm ² Câble de mise à la terre 3m, 25mm ²
5b	80560001	Stelklemme Masseklemme	Earth clamp Prise de masse
5c	18120002	Dinsestik Dinsestecker	Quick connection Connection, type Dinse
6	26330016*	Rør for håndtag Rohr für Handgriff	Steel handle Poignée métallique
7a	45050245*	Holder for håndtag, højre Halter für Handgriff, rechts	Holder for Handle, right Support pour poignée, droit
7b	45050244*	Holder for håndtag, venstre Halter für Handgriff, links	Holder for handle, left Support pour poignée, gauche
8	44210200	Endenavshjul Nabenrad	Wheel Roue d'extrémité moyen
9	44610001	Navkapsel Nabendeckel	Wheel cap Couvre-moyeu
10	61113564	Sideskærm, venstre Seitenschirm, links	Side panel, left Plaqué latéral gauche
	78861106	Løftekit Hebekit	Lifting kit Kit de relevage

* Se sidste side/See last page/Siehe letzte Seite/Voir la dernière page

MIG 300 C / MIG 305 C

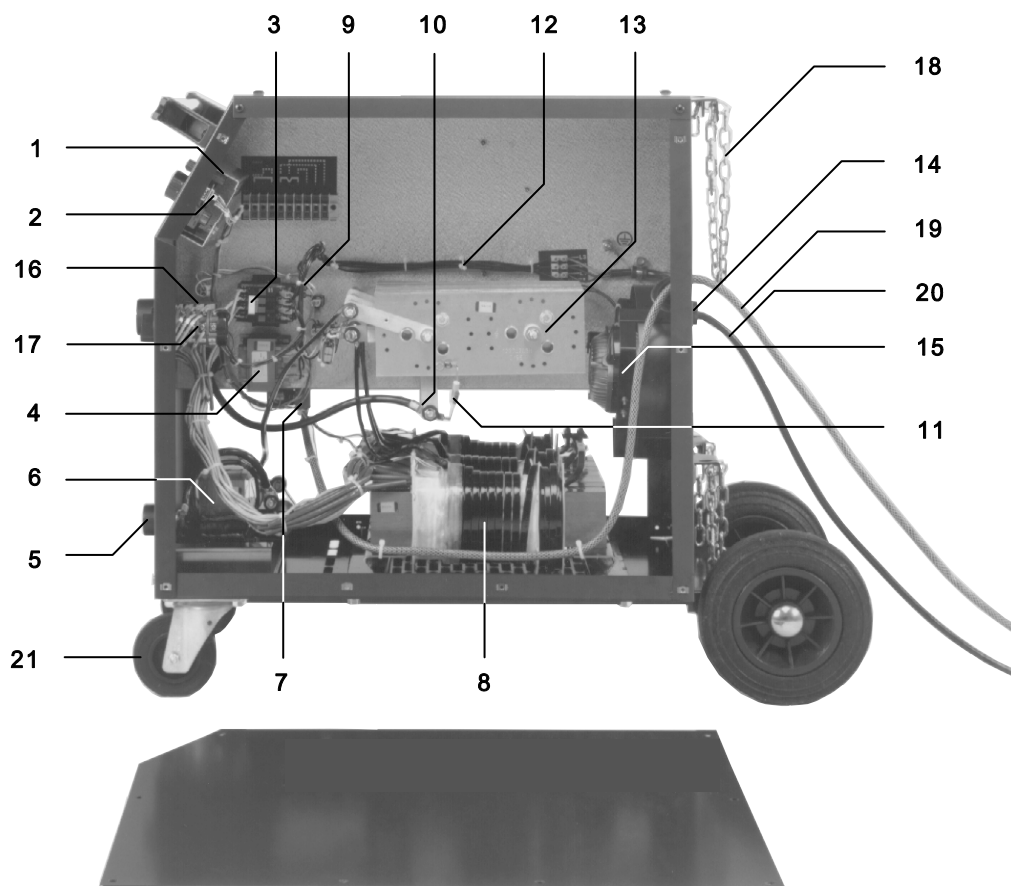


Pos.	No.	Varebetegnelse Warenbezeichnung	Description of goods Désignation des pièces
1	41319019	Plastskydelås Plastschiebschloß	Panel sliding lock, plastic Fermoir à coulisse de plastique
2	24413529	Sideskærm, nederste, højre Seitenschirm, untere, rechts	Side panel, lower, right Plaque latérale droit, du bas
3	61113565	Sideskærm, øverste, højre Seitenschirm, obere, rechts	Side panel, upper, right Plaque latérale droit, du haut
4	14820034	Modstandstråd Widerstand	Resistor Résistance du fil
5a	71110120	Centraltilslutning MIG 300, MIG 305 C2 Zentralanschluß MIG 300, MIG 305 C2	Central adaptor MIG 300, MIG 305 C2 Branchement raccordement central MIG 300, MIG 305 C2
5a.1	26511112	Kapillarrør ø1,2 x 95mm Kapillarrohr ø1,2 x 95mm	Capillary tube ø1.2 x 95mm Tube capillaire ø1,2 x 95mm
5a.2	26511115	Kapillarrør ø1,5 x 95mm Kapillarrohr ø1,5 x 95mm	Capillary tube ø1.5 x 95mm Tube capillaire ø1,5 x 95mm
5a.3	26511120	Kapillarrør ø2,0 x 95mm Kapillarrohr ø2,0 x 95mm	Capillary tube ø2.0 x 95mm Tube capillaire ø2,0 x 95mm
5a.4	26511127	Kapillarrør ø2,7 x 95mm Kapillarrohr ø2,7 x 95mm	Capillary tube ø2.7 x 95mm Tube capillaire ø2,7 x 95mm
5a.5	25420094	Slangetilslutning Schlauchanschluß	Hose connector Joint de tuyau
5a.6	29420065	Indløbsdüse Einlaufdüse	Inlet nozzle Bague d'alimentation
5a.7	74121080	Gasslange 0,8m Gasschlauch 0,8m	Gas hose 0.8m Tubulure d'alimentation en gaz 0,8m
5a.8	45050118	Roset Rosette	Rosette Rosette
5b	71110142	Centraltilslutning MIG 305 C4 Zentralanschluß MIG 305 C4	Central adaptor MIG 305 C4 Branchement raccordement central MIG 305 C4
5b.1	26510155	Kapillarrør ø1,2x119mm, hvid Kapillarrohr ø1,2x119mm, weiss	Capillary tube ø1.2x119mm, white Tube capillaire ø1,2x119mm, blanc
5b.2	26510156	Kapillarrør ø1,5x119mm, blå Kapillarrohr ø1,5x119mm, blau	Capillary tube ø1.5x119mm, blue Tube capillaire ø1,5x119mm, bleu
5b.3	26510157	Kapillarrør ø2,0x119mm, rød Kapillarrohr ø2,0x119mm, rot	Capillary tube ø2.0x119mm, red Tube capillaire ø2,0x119mm, rouge
5b.4	26510158	Kapillarrør ø2,7x119mm, gul Kapillarrohr ø2,7x119mm, gelb	Capillary tube ø2.7x119mm, yellow Tube capillaire ø2,7x119mm, jaune
5b.5	25420094	Slangetilslutning Schlauchanschluß	Hose connector Joint de tuyau

MIG 300 C / MIG 305 C

Pos.	No.	Varebetegnelse Warenbezeichnung	Description of goods Désignation des pièces
5b.6	25420223	Inløbsdüse Einlaufdüse	Inlet nozzle Bague d'alimentation
5b.7	74120069	Gasslange 0,25m Gasschlauch 0,25m	Gas hose 0.25m Tubulure d'alimentation en gaz 0,25m
5b.8	45050118	Roset Rosette	Rosette Rosette
6a	73410131	Trådfremføring komplet C-2 Drahtvorschubeinheit komplett C-2	Wire feed unit complete C-2 Dispositif de guidage de fil complet C-2
6b	73410136	Trådfremføring C-4 Drahtvorschubeinheit C-4	Wire feed unit C-4 Dispositif de guidage de fil C-4
7a	17160007	Sikringsholder Hälter für Sicherung	Holder for fuse Porte fusible
7b	17173004	Sikring 400mA, træg Sicherung 400mA, træg	Fuse 400mA, slow Fusible 400mA, lent
8a	45050210	Bremsenav med snaplås Bremsenabe mit Verschluss	Brake hub with lock Moyeu de frein avec fermoir
8b	45050211	Knap for bremsenav Knopf für Bremsenabe	Knob for brake hub Bouton pour moyeu de frein

MIG 300 C / MIG 305 C

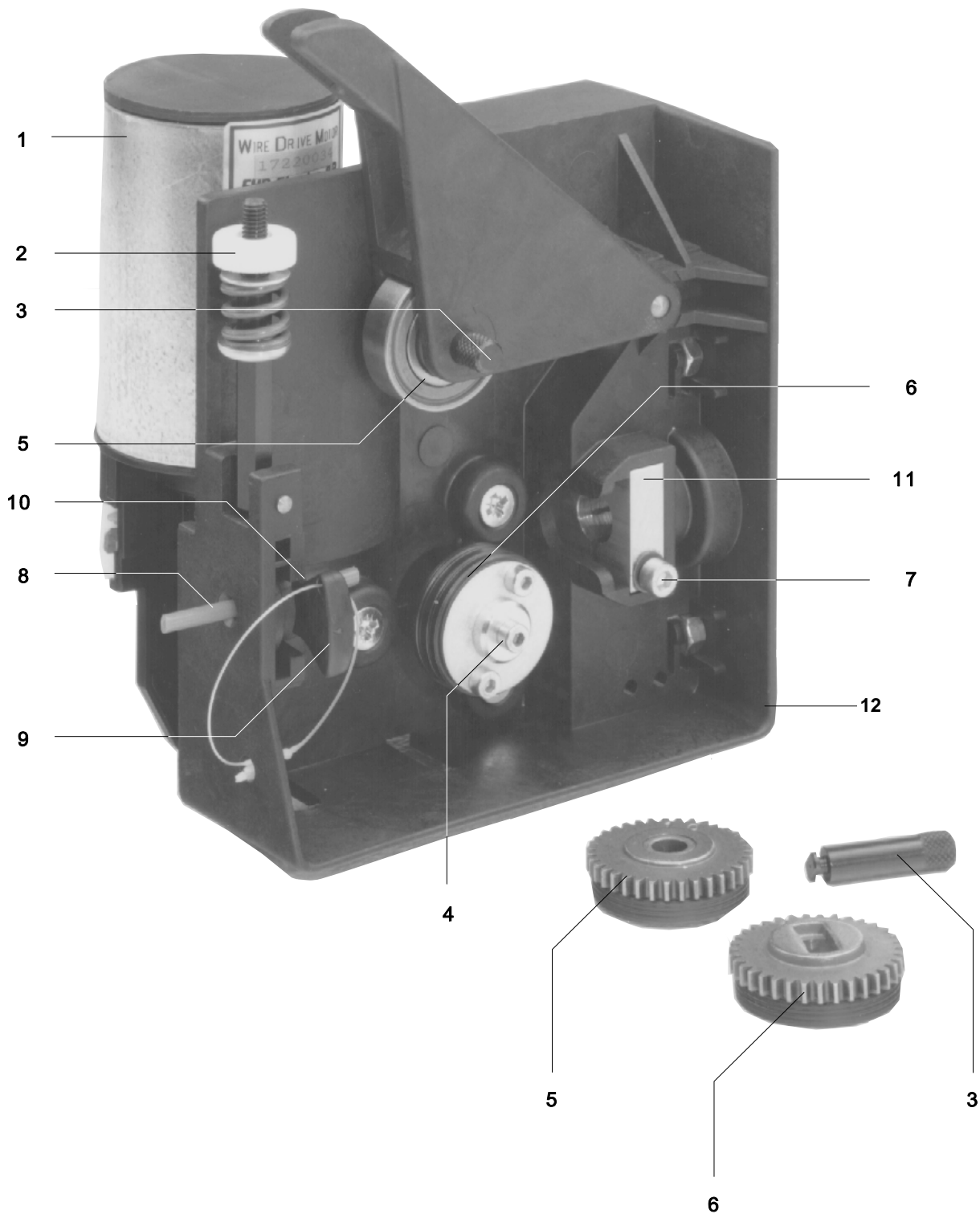


Pos.	No.	Varebetegnelse Warenbezeichnung	Description of goods Désignation des pièces
1a	76116982	Elektronikkboks MPS-4TF Steuerbox MPS-4TF	Control box MPS-4TF Boîtier électronique MPS-4TF
1b	76116983	Elektronikkboks std. MPS Steuerbox std. MPS	Control box std. MPS Boîtier électronique std. MPS
1c	76116984	Elektronikkboks UPS Steuerbox UPS	Control box UPS Boîtier électronique UPS
2	74470887	Ledningssæt, svagstrøm Kabelbaum, schwachstrom	Wire harness, low current Jeu de câbles, courant faible
3	17140018	Kontaktor, 25 A 3+1 Kontaktor, 25 A 3+1	Contacteur, 25 A 3+1 Contacteur, 25 A 3+1
4a	16160081	Styrestrømstrafo, MIG 300 Steuerstromstrafo, MIG 300	Control transformer, MIG 300 Transformateur de courant de commande, MIG 300
4b	16160086	Styrestrømstrafo, MIG 305 Steuerstromstrafo, MIG 305	Control transformer, MIG 305 Transformateur de courant de commande, MIG 305
5	18110002	Dinsebøsning Dinsebuchse	Dinse coupling socket Douille de raccordement, type Dinse
6	16413500	Drosselspole Drosselspule	Inductor Bobine d'inductance
7	73420006	Magnetventil med studs Magnetventil mit Stutz	Solenoid valve with connection piece Vanne solénoïde avec Raccord d'extrémité
8	16621879	Svejsetrafo Schweißtrafo	Welding transformer Transformateur de soudage
9	74470886	Ledningssæt, stærkstrøm Kabelbaum, Starkstrom	Wire harness, power current Filerie, courant fort
10	74420094	RC-led Überspannungsschutz	RC-protection RC protection contre surcharge
11	74420045	RC-led Überspannungsschutz	RC-protection RC protection contre surcharge
12	18470005	Ledningsholder Halter für Leitung	Holder for wire Appui de câble
13	12270203	Ensretter Gleichrichter	Rectifier Redresseur de courant

MIG 300 C / MIG 305 C

Pos.	No.	Varebetegnelse Warenbezeichnung	Description of goods Désignation des pièces
14	18481014	Kabelafastning Kabeldurchführung	Cable lead-in Traversé de câble
15	81100101	Ventilator komplet Lüfter komplett	Fan complete Ventilateur complet
16	17251004	Omskifter, 0-10 Schalter, 0-10	Switch, 0-10 Commutateur, 0-10
17	17250045	Omskifter, 0-1-2 Schalter, 0-1-2	Switch, 0-1-2 Commutateur, 0-1-2
18	42410001	Kæde Kette	Chain Chaîne
19	74120010	Gaslange 2,7m Gasschlauch 2,7m	Gas hose 2.7m Tuyau de gaz 2,7m
20a	74234052	Netkabel 4x1,5mm ² , 5m Netzkabel 4x1,5mm ² , 5m	Mains supply cable 4x1.5mm ² , 5m Câble d'alimentation 4x1,5mm ² , 5m
20b	74234040	Netkabel 4x2,5mm ² , 5m Netzkabel 4x2,5mm ² , 5m	Mains supply cable 4x2.5mm ² , 5m Câble d'alimentation 4x2,5mm ² , 5m
21	44220100	Drejehjul Rad, drehbar	Swivelling wheel Roue pivotante

TRÅDFREMFORING C-2
 WIRE FEED UNIT C-2
 DRAHTVORSCHUBEINHEIT C-2
 DISPOSITIF DE GUIDAGE DE FIL C-2



TRÅDFREMFORING C-2
WIRE FEED UNIT C-2
DRAHTVORSCHUBEINHEIT C-2
DISPOSITIF DE GUIDAGE DE FIL C-2

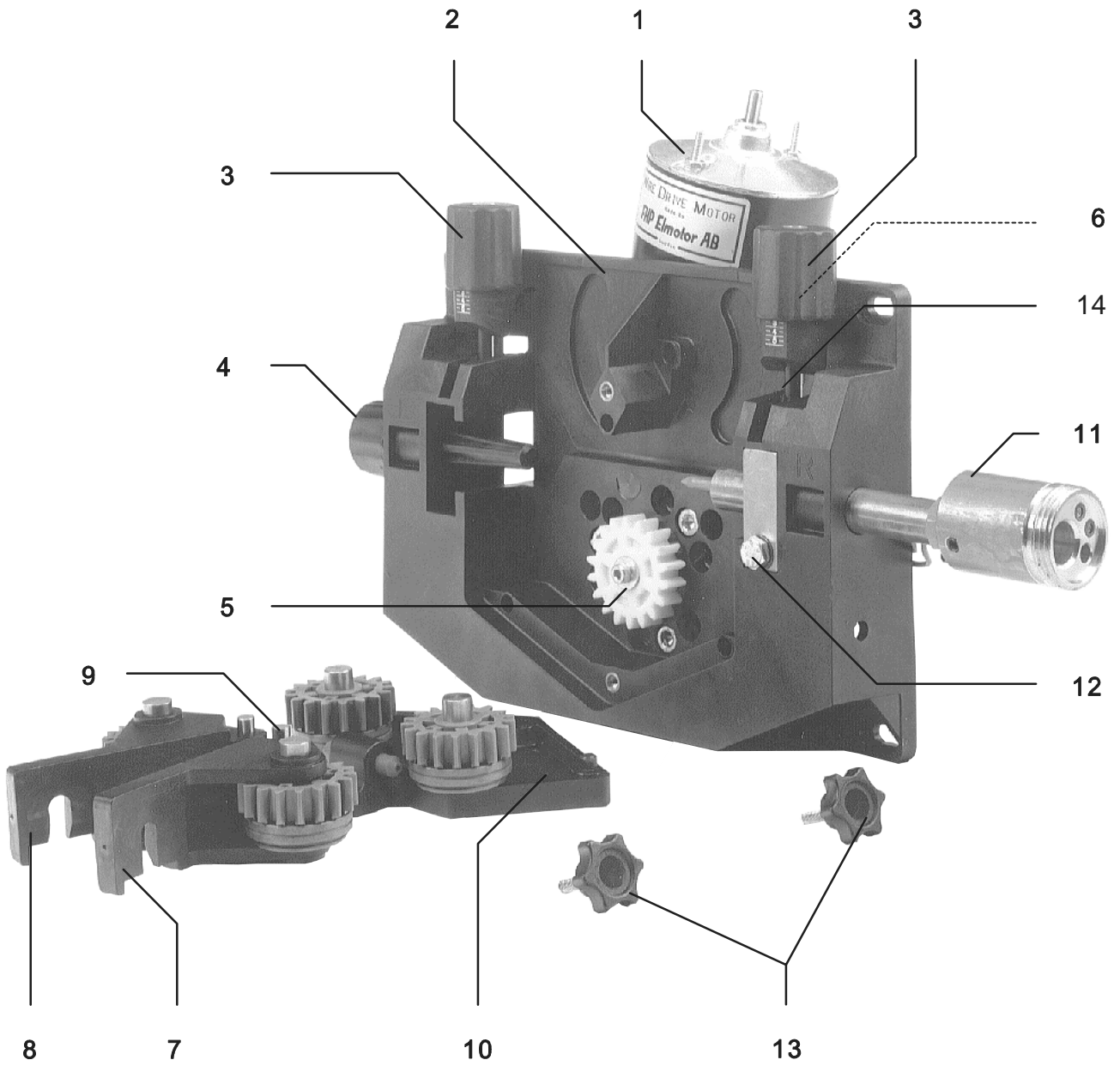
Pos.	No.	Varebetegnelse Warenbezeichnung	Description of goods Désignation des pièces
	73410131	Trådfremføring komplet Drahtvorschubeinheit komplett	Wire feed unit complete Dispositif de guidage de fil complete
1	17220034	Motor Motor	Motor Moteur
2	73940038	Bespænding for trådstrammer Einrichtung für Strammung des Drahts	Device for tightening of wire Dispositif pour tension de fil
3a	25410106	Bolt for trådtrykker, hærdet Bolzen	Hardened bolt Boulon, trempe
3b	25410101	Låsebolt for trådtrykker Bolzen für Drahtalter	Bolt for wire pressure unit Boulon d'arrêt pour serrage de fil
4a	25611005	Låseskive Scheibe	Washer Disque
4b	24510111	Medbringer for trisse Mitbringer für Drahtrolle	Regulating ring for wire feed roller Pièce d'entraînement pour bobine de déroulement
5a	72200020	Trådtrisse med leje, glat Drahtvorschubrolle mit Lager	Wire feed roll on roller bearing, plain surface, serrated edge Galet de dévidage avec roulement surface lisse, flanc crante
5b	44113517	Kugleleje Kugellager	Ball bearing Roulement à billes
5c	25410102	Bøsning for leje Buchse für Lager	Bush for bearing Bague pour roulement
6a	72200016	Trådtrisse for motor 0,8 Drahtvorschubrolle 0,8	Wire feed roll 0.8 Galet de dévidage 0,8
6b	25610184	Trådtrisse Fe, V-spor, 0,6-0,8 Drahtrolle Fe, V-Spur, 0,6-0,8	Wire feed roller Fe, V-groove, 0.6-0.8 Gaine de fil Fe, V-gorge, 0,6-0,8
6c	25610185	Trådtrisse Fe, V-spor, 0,8-1,0 Drahtrolle Fe, V-Spur, 0,8-1,0	Wire feed roller Fe, V-groove, 0.8-1.0 Gaine de fil Fe, V-gorge, 0,8-1,0
6d	25610180	Trådtrisse 0,6-0,8 Drahtrolle 0,6-0,8	Wire feed roller 0.6-0.8 Gaine de fil 0,6-0,8
6e	25610181	Trådtrisse 0,8-1,0 Drahtrolle 0,8-1,0	Wire feed roller 0.8-1.0 Gaine de fil 0,8-1,0
7	40310525	CHJ unbraco skrue M5 x 25mm CHJ imbuss Schraube M5 x 25mm	CHJ allen screw M5 x 25mm Vis unbrago CHJ M5 x 25mm
8	80160144	Tråddeder ø4 x ø2,0 x 50mm Führungsspirale ø4 x ø2,0 x 50mm	Wire liner ø4 x ø2.0 x 50mm Guidage de fil ø4 x ø2,0 x 50mm
9	45050067	Nøgle Sperrbolzen	Locking key Cheville d'arrêt
10	45050068	Dyse med tråddederholder Düse	Nozzle Buse
11	33220018	Strømskinne Verbindung, Strom	Current connection Joint de courant
12	45050070	Motorkonsol Motorkonsole	Motor bracket Console de moteur

Ekstra udstyr:
Zusätzliche Ausrüstung:

Special equipment:
Équipement spécial:

73940039	Trissekit for 2-hjulstræk, 0,8 Bausatz für 2-Rollen-Antrieb, 0,8	Kit for 2 roll wire feed unit, 0.8 Jeu pour entraînement par 2 galets, 0,8
73940040	Trissekit for 2-hjulstræk, 1,0 Bausatz für 2-Rollen-Antrieb, 1,0	Kit for 2 roll wire feed unit, 1.0 Jeu pour entraînement par 2 galets, 1,0
73940041	Trissekit for 2-hjulstræk, 1,2 Bausatz für 2-Rollen-Antrieb, 1,2	Kit for 2 roll wire feed unit, 1.2 Jeu pour entraînement par 2 galets, 1,2
73940042	Kit for aluminiumsvejsning Bausatz für Aluminiumschweißen	Kit for aluminium welding Jeu pour soudage d'aluminium

TRÅDFREMFORING C-4
WIRE FEED UNIT C-4
DRAHTVORSCHUBEINHEIT C-4
DISPOSITIF DE GUIDAGE DE FIL C-4



TRÅDFREMFORING C-4
WIRE FEED UNIT C-4
DRAHTVORSCHUBEINHEIT C-4
DISPOSITIF DE GUIDAGE DE FIL C-4

Pos.	No.	Varebetegnelse Warenbezeichnung	Description of goods Désignation des pièces
1	17220043	Motor Motor	Motor Moteur
2	45050216	Konsol Konsole	Bracket Console
3	45050220	Top for strammer Gimpfel für Knebel	Upper piece for fastener Pièce supérieure pour tendeur
4	45050222	Trådindløb Drahteinlauf	Wire inlet Entrée de fil
5	44450003	Tandhjul Zahnrad	Gear wheel Pignon
6	42110118	Fjeder for strammer Feder für Spanner	Spring for tightener Ressort pour tendeur
6a	24510349	Fladskive Flachscheibe	Flat disc Disque plat
7	45050218	Bom, højre Arm, rechts	Arm, right Bras, droit
8	45050219	Bom, venstre Arm, links	Arm, left Bras, gauche
9	25110078	Aksel for bom, ø10 Achse für Arm, ø10	Axle for arm, ø10 Axe pour bras, ø10
10	45050217	Forplade Frontplatte	Front plate Plaque avant
11	71110142	Centraltilslutning komplet, MIG 305 C-4 Zentralanschluß komplett, MIG 305 C-4	Central adaptor complete, MIG 305 C-4 Dispositif central de raccord complet, MIG 305 C-4
12	40310625	CHJ unbraco skrue CHJ Imbusschraube	CHJ allen screw Vis à pans creux
13	40950516	Fingerskrue M5x16 Rändelschraube M5x16	Milled screw M5x16 Vis moleté M5x16
14	25110075	ø6 gevindstang ø6 Gewindestab	ø6 thread bar Tige de filetage ø6
14a	42710106	Kærvstift til gevindstang Kerbstift für Gewindestab	Slotted pin for thread bar Goupille à encoches pour tige de filetage

Bemærk:
 Reservedelsnumre på trådførere, kapillarrør
 og trisser: Se skilt i maskinen.

Bitte bemerken:
 Ersatzteilnummern für Drahtführer, Kapillar-
 röhre und Scheiben: Bitte das Schild in der
 Maschine sehen.

Please note:
 Spare parts nos. for wire guide liner, capillary-tube
 and rolls: See sign inside the machine

Important:
 Numéros de pièces de rechange de guides fils,
 tubes capillaires et galets: Voir le panneau
 dans la machine.

MIG 300 C / MIG 305 C

26330016	Steel handle machines until	98.02.01	use	26330007
45050245	Holder for Handle, right machines until	98.02.01	use	45050206
45050244	Holder for handle, left machines until	98.02.01	use	45050206

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