

9011



9011/3

**AUTOMATISCHE
KADERASSEMBLEERMACHINE**

AGRAFEUSE AUTOMATIQUE

**AUTOMATISCHE
RAHMENMONTIERMASCHINE**

AUTOMATIC UNDERPINNER

*Vakkundig geselecteerd
Choisi pour l'homme de métier
Fachgemäss ausgewählt
The craftsman's choice*



IDEAAL VOOR PRECISIE EN SERIEWERK, GEMAKKELIJK INSTELBAAR EN VOLAUTOMATISCH, GEBRUIKSVRIENDELIJK EN VEILIG

• Uniek klemsysteem met pedaalbediening: de schuine hoeken van het klemplaatje grijpen beide lijst helften in de sponning, duwen ze tegen de hoeksteunen en houden ze tevens plat en onbeweeglijk vast op de werktafel. • De hoeksteunen kunnen door middel van de fixeerbouten ingesteld worden voor hoeken van 90°, 60°, 45° en 30°. • Fijnregelknop voor verstekcorrectie • Hendeltje voor het pneumatisch verplaatsen en blokkeren op twee vooraf ingestelde nietposities en voor het inschieten van de nieten. • Verplaatsbare aandrukknop en nieteenheid voor verschillende nietposities, met de mogelijkheid nieten te stapelen. • Zelfregelende druk volgens de gevoeligheid van de lijst. • Snel verwisselbare aandrukknoppen; te kiezen volgens de hoogte en het profiel van de lijst. • Met produktieschakelaar • Geluidloze compressor afzonderlijk leverbaar.

Afmetingen:

560 mm breed, 550 mm diep, 1230 mm hoog

Nieten:

Geschikt voor nieten van 7 en 10 mm (standaard),
12 en 15 mm (met optioneel plaatje voor de nietuitgang)

Capaciteit:

voor lijsten van max. 100 mm hoog en 120 mm breed

Technische gegevens:

pneumatisch model met regelknop voor de luchtdruk naargelang van de hardheid van het hout.

Opties:

- vertikaal regelbare hoeken: 9009/150
- set aandrukknoppen: 9009/170
- drievoet: 9011/3

PERMET UN TRAVAIL DE GRANDE PRÉCISION ET DE SERIE AVEC UN MINIMUM DE MANIPULATIONS. MODELE AUTOMATIQUE, FIABLE ET FACILE À L'EMPLOI

• Système d'autoblocage unique, actionné au pied: les angles de la griffe serrent les baguettes contre les guides en les saisissant dans la feuillure tout en les maintenant en place sur la table de travail. • L'équerre peut être ajustée pour les angles de 90°, 60°, 45° et 30° en déplaçant les goupilles de la blocage. • Bouton de réglage fin pour rectification de l'onglet. • Manette pour le déplacement automatique de l'unité d'agrafage entre les points d'agrafages préalablement déterminés et pour déclencher l'agrafage. • Tampon de serrage et dispositif d'agrafage mobile pour les positions d'agrafes différentes, avec possibilité d'empiler les agrafes. • Plusieurs tampons facilement interchangeables sont disponibles en fonction de la hauteur et du profil de la mouleure. • Interrupteur de production pour travail en série. • Compresseur silencieux livré séparément. • Réglage pneumatique automatique en fonction de la dureté du bois.

Dimensions:

largeur 560 mm, profondeur 550 mm, hauteur 1230 mm

Agrafes:

Convient pour agrafes de 7 et 10 mm (standard),
12 et 15 mm (avec plaquette pour sortie agrafes en option)

Capacité:

pour baguettes de maximum 120 mm de large et 100 mm de haut.

Caractéristiques techniques:

Modèle pneumatique avec bouton de réglage pour la pression selon la dureté du bois

En option:

- équerres réglables verticalement: 9009/150
- tampons de serrage: 9009/170
- trépied: 9011/3

IDEAL FÜR PRÄZISIONSARBEIT IN GROSSER STÜCKZAHL, KOMPAKTES MODELL, EINFACH EINSTELLBAR, VOLLAUTOMATISCH, GEBRAUCHSFREUNDLICH UND SICHER

Einzigartiges Klemmsystem mit Pedalbediening: die schrägen Ecken der Klemmplatte drücken die beiden Leisten zusammen und halten sie gleichzeitig unbeweglich auf dem Arbeitstisch fest. • Die Eckstützen sind mittels den Fixierbolzen verstellbar für Ecken von 90°, 60°, 45° und 30°. • Feinregler für Gehrungsberichtigung • Hebel zum automatischen Verschieben des Klammerschusses zwischen den festgelegten Klammerpositionen und zur Auslösung des Klammervorgangs • Verstellbarer Andruckzapf und bewegliche Klammereinrichtung für verschiedene Klammerpositionen, mit der Möglichkeit mehrere Klammern übereinander einzuschliessen • Mit mehreren Andruckzapfen, je nach Leistenhöhe und Profil auszuwählen und schnell auswechselbar. • Produktionsschalter für Serienarbeit • Geräuscharmer Kompressor separat geliefert. • Automatische Druckluftregelung je nach Härte des Holzes.

Masse:

Breite 560 mm, Tiefe 550 mm, Höhe 1230 mm

Klammern:

Geeignet für Klammern von 7 und 10 mm (standard),
12 und 15 mm (mit zusätzlichem Klammerausgang)

Leistungsfähigkeit:

Für Leisten mit einer Breite von max. 120 mm
und einer Höhe von max. 100 mm

Technische Daten:

Druckluftmodell mit Regelknopf für den Luftdruck je nach der Härte des Holzes.

Optionen:

- senkrecht verstellbare Ecken: 9009/150
- Satz Andruckzapfen 9009/170
- Dreifuß 9011/3

IDEAL FOR PRECISION WORK AND SERIAL WORK, FULLY AUTOMATIC MODEL, EASY AND SAFE TO OPERATE

Foot controlled exclusive clamping system which pulls both parts of the frame firmly together while holding them tight on the working table for accurate nailing. • Easily adjustable corner supports to accommodate angles of 90°, 60°, 45° and 30°. • Micro-adjustment knob to correct slightly miscut mitres • Grib for pneumatically shifting and blocking two preset nailing positions • Possibility to stack nails. • Quickly fixed pressure pads, according to the height and profile of the moulding • Production switch • Silent compressor optionally available. • Self adjusting pressure according to the hardness of the wood.

Dimensions:

Width: 560 mm, depth: 550 mm, height: 1230 mm

Wedges:

Comes ready to use 7 and 10 mm wedges,
extra wedge-outlet block available for 12 and 15 mm wedges.

Capacity:

profiles of maximum 120 mm wide and 100 mm high

Technical data:

air-operated machine with regulation knob for air pressure depending on the hardness of the wood.

Options:

- vertically adjustable fence: 9009/150
- set of pressure pads: 9009/170
- tripod 9011/3

ASSEMBLY MACHINE 9011

I. THE MACHINE CONTAINS

The package of your 9011 underpinner contains :

- 1 - ASSEMBLY MACHINE
- 2 - POLYBAG WITH ALLAN KEYS
- 3 - TWO SCREWHANDLES
- 4 - AIR HOSE WITH RAPIDCOUPLING
- 5 - 80 MM PRESSURE PAD
- 6 - FOOT PEDAL

II. SETTING UP THE ASSEMBLY MACHINE

1. Your machine is packed upside down in the shipping package, this for safety and transport reasons. Open the package, and carefully turn your machine in upright position. Then, remove the package carefully by pulling it upwards to you. On the shelf of the machine, you will find the foot pedal (9011 80), air hose and legs. All these elements are taped on the shelf of your machine. The polybag with allan keys is taped on the arm of the pressure pad (9009 18).
2. Tighten the legs to the stand of your machine.
3. Place the foot pedal (9011 80) on the floor.
4. Remove the bolts on the left hand side of the machine, and replace them by the enclosed screwhandles (9009 122). Do not fully tighten them. The screwhandles (9009 122) are taped to the working table.

III. CONNECTING THE AIR SUPPLY

A 6 mm hose is supplied with your machine. One end has to be fitted on the machine (8011 31), the other end has to be fitted on your compressor. The system of connecting the hose is a 'rapid coupling' system, which means you simply have to insert the hose in the metal connecting part. The hose will fit automatically when inserting it.

To disconnect the hose, simply push the little orange ring to release hose. Set your compressor to the maximum air pressure.

Regulate the air pressure on your machine by pulling the push-pull knob (A); a left turn will increase the air pressure, a right turn will decrease it. Then, push the knob into the original position. The air pressure can be read on the manometer (9009 201) found inside the machine.

Note : For hard woods (oak, ash, ...), an air pressure value of 100 to 120 PSI (7 to 8 BAR) is recommended. For soft woods (pine, ...) 60 to 80 PSI (4 to 5 BAR) is sufficient.

IV. LOADING THE WEDGE MAGAZINE

1. Move the handle (9009 19) as far backwards as it will travel.
2. Pull the spring loaded arm (9009 303) and place a row of wedges in the magazine so that the wedges (sharp side or coloured side up) fit into the notch of the pressing mechanism.

V. ADJUSTING THE FENCE

The fences (9009 115) can easily be adjusted to form angles of 30, 45, 60, and 90 degrees with the threadless adjusting bolts (B) to suit the type of frame being assembled : 4, 6, 8 or 12 corners.

VI. DETERMINING THE WEDGE PLACEMENT

1. Place the left section on the work table.
2. With handle (9009 19) determine the rear wedge point and lock the driver into place with the screwhandle (9009 122a). Next, determine the front wedge point by moving handle (9009 19) towards the front, again locking the driver by tightening the screwhandle (9009 122b). If only one wedge point is required (small frames), position the driver with the handle and lock the screwhandles (9009 122) against it.

VII. MICRO ADJUSTMENT

1. Place the right frame section against the preset fence (9009 115), so it fits against the left frame section.
2. By turning the micro adjustment knob (9009 141), the fence can be positioned so that both frame sections fit perfectly against each other.

VIII. ADJUSTING THE PRESSURE PAD

1. Assembly machines come standard with the 80 mm pressure pad (9009 177). A set of optional pressure pads measuring 65 and 85 mm (constructed out of soft material), as well as a pad measuring 60 mm (hard material) are available upon request.
2. Untighten the pad (9009 177) by turning knob (9009 18), so that it can be moved freely forwards or backwards (+/- 4 cm).
3. Position pad (9009 177), so that it presses against the frame section at the exact point where the wedge(s) will be driven in, in order to avoid tilting of the frame sections during forwards and rear wedging.
4. Tighten knob (9009 18).

IX. DRIVER SPEED ADJUSTMENT

Set the driver speed according the required cycle (long or short) with knob (9009 203).

X. ASSEMBLING THE MACHINE

This machine comes standard equipped with pneumatic clamping system (9009 400), and a push-button activated driving mechanism (9009 19).

1. The left frame section may be placed into position once the fence (9009 115) has been set to the required angle.
2. With handle (9009 19), determine front and rear wedge points. Lock into place with the screwhandles (9009 122).
3. Place the right frame section against the fence, and secure it against the left frame section. Correct mitre by turning the adjustment knob (9009 141).
4. Position clamping system (push it towards the rear, to +/- 1 cm from rebate of the frame sections).
5. Adjust the pressure pad (9009 177) horizontally into the correct position.
6. Press the foot pedal to engage the clamping system.
7. Push the right lever (8011 10 2) into the first wedge position.
Push button (9009 19) to engage driver. Repeat this movement if you want to drive several wedges upon each other. Then put the right lever into the second wedge position and push the button (9009 19) to the engage driver.
8. Your EURO underpinner 9011 comes standard equipped with a production switch (9009 210).
 - a) Manual pneumatic position (turn the switch to the right) :
When turning the switch to the right, your machine is in stand-by mode. To operate, follow instructions 1 to 7.
 - b) Automatic position (turn switch to the left) :
When the switch stands in this position, it is on automatic mode. Press the foot pedal (9011 80) to operate. You will notice that the entire driving cycle (clamping, lowering of pressure pad and driving of the wedge), will automatically be set in motion.

XI. THE ADJUSTMENT SCREW

Only to be operated when all previous elements have been checked ! Don't touch when in doubt !
Adjustment has to happen very carefully : A 1/4 or 1/8 turn may be sufficient.

Procedure : when the frame gets pushed in, the adjustment screw should be loosened. When the wedge does not completely penetrate the frame, the screw should be tightened.

XII. DEVELOPMENT OF OUR PRODUCTS

EUROLIJSTEN is always persuing the object to increase the quality of its products. That is why we believe we are allowed to modify shape and construction of our machines at any time, without creating any obligation towards the buyers of machines, which have been sold earlier.

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CAUSES AND SOLUTIONS CONCERNING POSSIBLE PROBLEMS IN
THE USE OF THE MACHINE

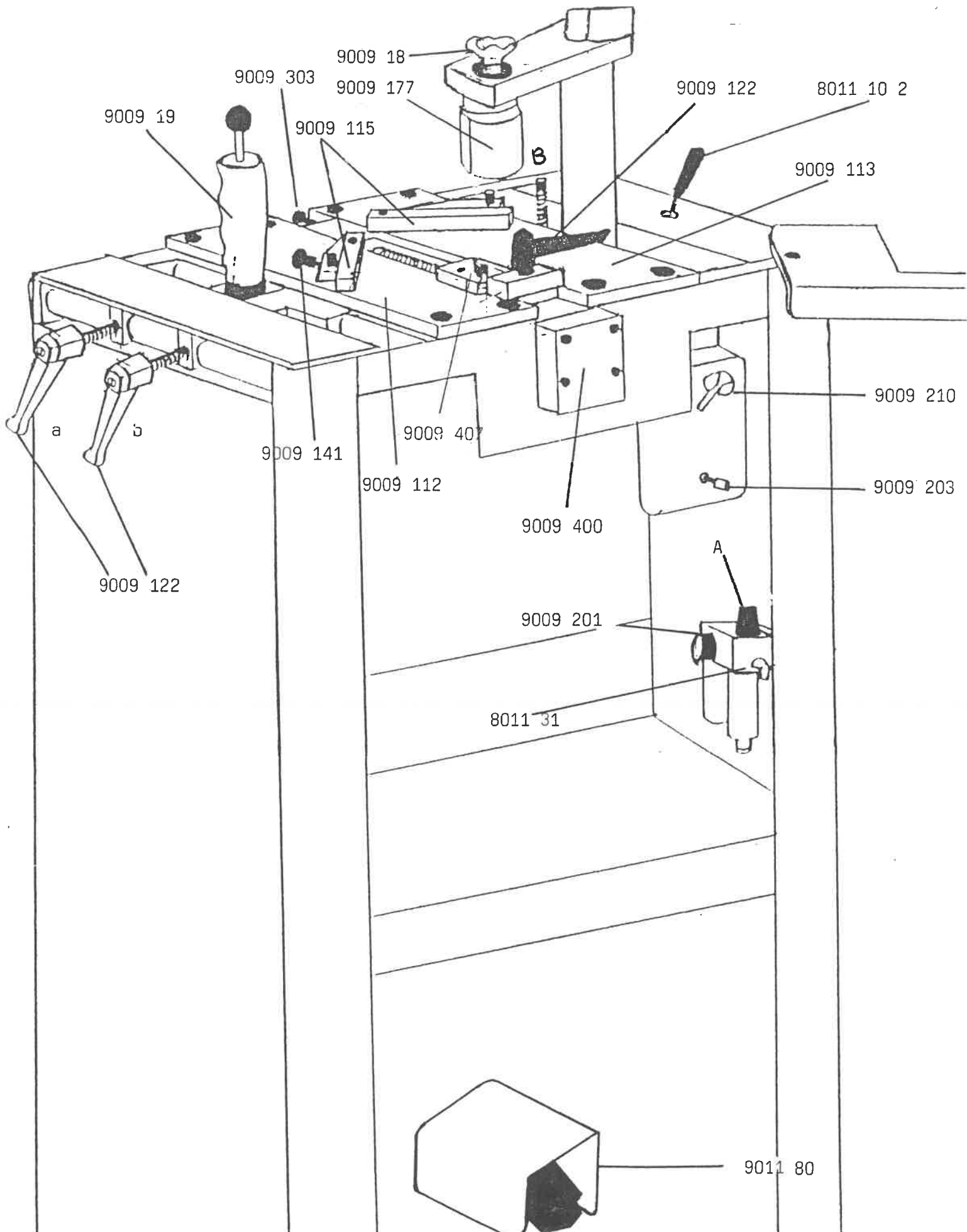
1. The machine makes a popping sound : probably bad wedges.
Try another box.
2. The wedge penetrates only partly the frame .
 - a. Check whether the wedges are put in the loader with the sharpened side up.
 - b. Do the whole movement over without wedges and check whether the hammer left a sign in the frame.
 - c. Check with other wedges, eventually from another box.
3. Keep the wedge-exit tidy. Avoid superfluous use of glue. When the wedge-exit shows signs of wastage, (after more or less half a million wedges), it should be replaced.
4. If the machine blocks, you should check the hammer's condition.
5. The pressure pad (9009 177) remains on the frame after having pressed knob E :
 - a. Press knob (A) to unbolt.
 - b. Try another pressure tab (*).
e.g. With very low frames, it is advised to work with the 85 mm knob.
 - c. If the wedge gets stuck (see 2).

(*) It is possible to acquire a unit with several different pressure pad profiles . This unit consists of :

- a. Pressure pad 55 mm high : for high frames.
- b. Pressure pad in V-shape : for contra-frames.
The part that presses on the frame has a V-profile.
- c. Soft pressure pad, 85 mm high.
- d. Pressure pad 65 mm high.

Knobs c and d are especially for frames where hard knobs are not useful.

6. a. The frame gets damaged by the pressure pad.
Check the knob on damages or toughened glue leftovers.
If the frame gets pushed in, the adjustment screw needs some tightening or loosening.
- b. The wedge does not completely penetrate the frame and the pressure tab goes back up. : Adjust the adjustment screw.



SPARE PARTS 9011

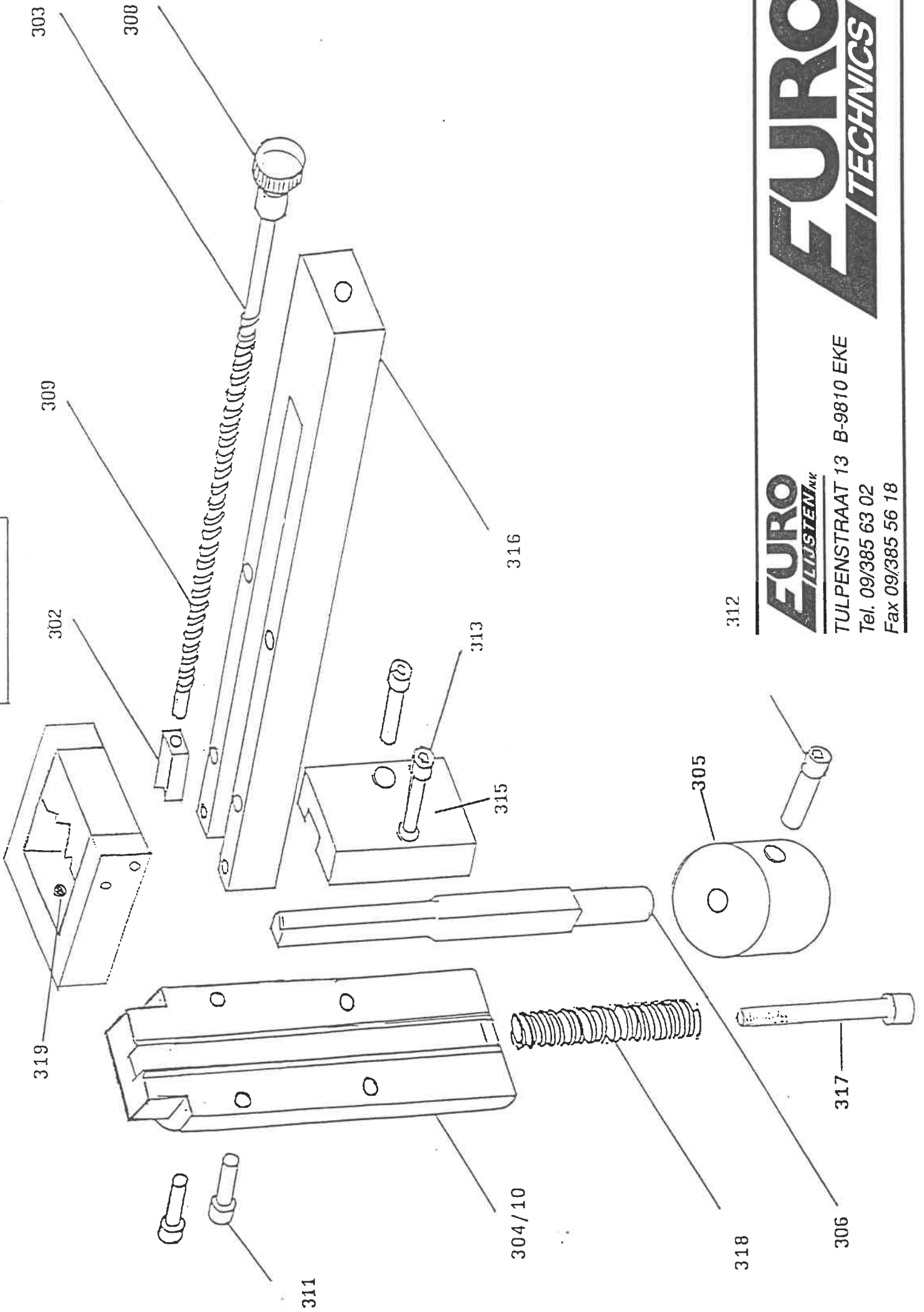
*	9009/18	-	KNOB ADJUSTABLE PLUNGER
*	9009/19	-	HANDLE
*	9009/112	-	LEFT HAND CHROME PLATE
*	9009/113	-	RIGHT HAND CHROME PLATE
*	9009/115	-	HORIZONTAL ADJUSTABLE FENCE
*	9009/122 (a+b)	-	ADJUSTABLE HANDLE
*	9009/141	-	MICRO ADJUSTMENTKNOB FENCE
*	9009/177	-	HARD PLUNGER 80 MM/45 MM STANDARD
*	9009/201	-	MANOMETER
*	9009/203	-	SPEEDREGULATOR
*	9009/210	-	PRODUCTION KNOB
*	9009/303	-	MAGAZINE ROD
*	9009/400	-	COMPLETE CLAMPING SYSTEM
*	9009/407	-	CLAMP PLATE
*	9011/80	-	PEDAL
*	8011/10/2	-	RIGHT HANDLE + BOX
*	8011/31	-	AIR REGULATOR

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9009/810/10

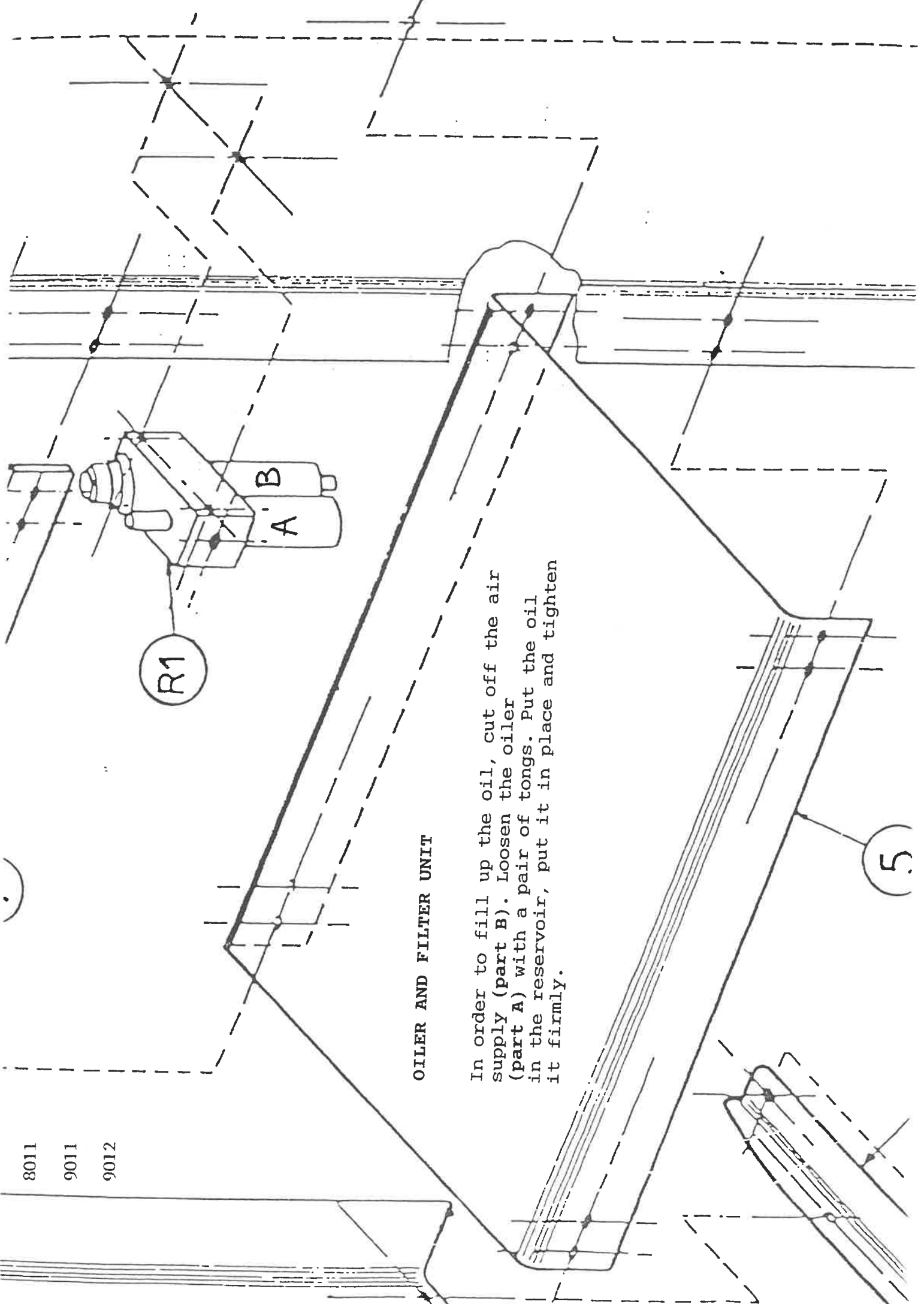
9009/307/10



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- 9011
- 9012

OILER AND FILTER UNIT

In order to fill up the oil, cut off the air supply (part B). Loosen the oiler (part A) with a pair of tongs. Put the oil in the reservoir, put it in place and tighten it firmly.

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