

CAUTION:

1. Before "plugging in", check if voltage in your premises is the same as indicated on the label which you will find with the machine or which is indicated on the plates of the electric motor.

Failures caused by incorrect electrical connections will invalidate any warranty claims.
2. Before fitting the scouring bands or other tools on the machine always switch off the foot operated switches (A) and for further safety also switch off all overload switches by pushing the red buttons (B).

Draining Off Water from the Compressor

Open air drain off tap to empty water from air tank. The tap is situated in the right hand unit near to the compressor. This should be carried out every time the machine is started up after it has been left standing over a period of four hours or longer. The most effective way of carrying out the draining is to switch on the compressor with the tap open. This will relieve the air tank of water. When the water stops coming out of the tap, close the tap and continue to work the machine as normal.

CAUTION: Water may be relieved in some volume, so have a suitable container for the water available. This is most likely to occur when the machine has been left standing for a long period of time in a cold environment.

Scouring Bands

It is advisable to pull the handle (C) forwards if machine is out of use for evenings or week-ends, otherwise a slight "wobble" is likely to develop caused by constant pressure on one side of the felt roll.

Fitting of Scouring Bands

Bring the left band first behind shaft (D) and slide through opening (E) backwards. The band can now be slipped over the rolls. (Because of the absence of a shaft the right scouring band can simply be slid backwards and fitted on the rolls).

Push handle (C) backwards and hold it firm until it is completely released, after which the bands should be rotated in the right direction a few more turns by hand.

If the bands need tracking, adjust bolt (H) with the key (delivered with machine). Now push button (I) and switch on (A). Check if the bands now run exactly on the rolls and if necessary make a further adjustment with bolt (H).

If a band continues to wander, leave it for a period of time and it may adjust itself after stretching a little, if not, fit another band. Use only bands of correct length which are obtainable from S. E. Accessories & Chemicals Ltd.

Cleaning the Dust Filter System

Switch off the machine as described under "Caution 2" and wait until the fan stops completely. Open cover (M), remove the grill (N), clean it and put it back immediately. Never run the machines without the grill as this is dangerous and in addition, articles could fall in and cause considerable damage to the fan.

Now shake the dust bags by pulling knob (J) a few times. The drawer (L) can be removed after moving handles (K) downwards. Check position of drawer after refitting and do not forget to place the levers (K) upwards.

In order to be sure that the system can do its job properly, it is necessary to clean regularly and to shake several times per day with knob (J). Take care that the drawer is emptied regularly, otherwise the dust will also build up in the bags of the filter system which impairs the efficiency of the extraction.

Should the drawer show a gap along its upper edge, this can be adjusted with 4 screws (P) at rear and front.

Heel Scouring Band at the Right Section of the Machine

For fitting of this narrow band the spring loaded roller is pulled forwards (R). Screw (S) which is located above the band and behind the cutter heads, can be adjusted to alter the tracking on this band.

Multiple Head Trimmer

To rotate the head, push handle (T) to the left and pull the head downwards with knob (U). Release (T) at once and pull (U) until the following knob (U) engages in handle (T).

After some experience this can be done with one hand on a running machine (see sketch I).

The cutters are mounted with a screw (MB) with a left hand thread. To remove it you must turn clockwise. The use of cutter shields of too small a diameter is dangerous, this could cause personal injury and also cause damage to the shoes.

Head and Cutter and Stationary Shield

It is of vital importance to adjust the shield very carefully. The space between cutter and shield should be minimal. For the height, see sketch (II). The width can be adjusted with part (V) after releasing screw (W). In order to be sure that bush (V) will slide easily always keep this area clean and oil slightly.

Cutter Sharpening

For quick and good cutting it is essential to keep your tools sharp. Bear in mind that postponing the sharpening will cost much more time because the cutting goes slower and "burning" is likely.

For sharpening, rotate the naumkeag motor through 90° while at the same time the shaft (X) should be pulled forward. This shaft should be adjusted as indicated on sketch (III) (of course with motor switched off). The position of shaft (X) towards the sharpening stone is very important in order to keep the right angle at the cutter teeth.

Before switching on, be sure that the stone runs freely between the teeth of the cutter. Now switch on and push the cutter lightly against the flat side of the stone, slide once backwards and forwards, repeat until all teeth are correctly sharpened.

To drill

For drilling rotate naumkeag through 180° clockwise. Never remove the special cover around the drill as this is a protection guard, to prevent injury.

ELECTRICAL CONNECTION FOR COMPRESSOR SECTION

1. Check that the voltage in your premises is the same as that indicated on the plate on the compressor motor.
2. The overload switch is matched to the motor. If the motor is changed to a different voltage, the switch must also be changed.
3. Check the oil level in the oil "glass", which must be kept approximately three quarters full.
4. Check that the motor rotated in the same direction that the arrow indicates - this is necessary so that the flywheel cools the cylinder.

MAINTENANCE

1. Check the oil level regularly. After the first 200 hours, drain the oil completely and refill with a good quality motor oil. For compressor types CS and CST, oil M45 or MD SAE40 should be used.

A further oil change twice a year is highly recommended.

Compressors with "oil glasses" must be topped up so the glass is three quarters full. If there is a dipstick you will find the usual level marks.

2. Drain condensation from the airtank and water filter once a day.
3. Check tension of the V belt.
4. Clean the airfilter regularly (in "thinners") and give it a light oil spray.
5. Overall cleanliness will help to prevent breakdowns.

SOME HINTS FOR THE USER

1. The lasts can be rotated through 90° in order to facilitate putting on boots or shoes.
2. Push the slide with the shoes under the pads, but ensure that the heels are not pressed as well.
3. If very thick soles (platform soles) are to be pressed, the lasts can be placed in the low setting by simply turning the standpipes 180°.
4. At a setting of 4 on the pressure gauge, each bed gives a pressure of approximately 1250 Kg. (1½ tons).

OPERATION

1. Push main switch in - you will see the control lamp glowing.
2. Place the 3 stage selector in the desired position - see below.

Position 1 - fully automatic operation

By pushing both buttons simultaneously, both beds descend. A built-in safety system ensures that the downwards movement can be reversed by releasing the buttons. Maximum pressure builds up only when the distance between the beds and the shoes is less than 6 m.m., and the buttons can be released. This feature, together with the fact that the 2 buttons must be pressed at the same time (i.e. one button cannot be wedged in) are safety features of considerable importance. The dwell time can be adjusted from 0 - 11/15 seconds maximum. At the end of the cycle the pads rise automatically and the lasts may be withdrawn.

Position 3

If a longer dwell time is required, i.e. for PVC bottoms, the selector should be placed in position 3. Now the dwell time is indefinite, and the press is opened by turning the selector to position 2.

Position 2

In this position the machine only works by pushing in the 2 buttons. After releasing them the pads return immediately to their up position.

PRESSURE RELIEF VALVE

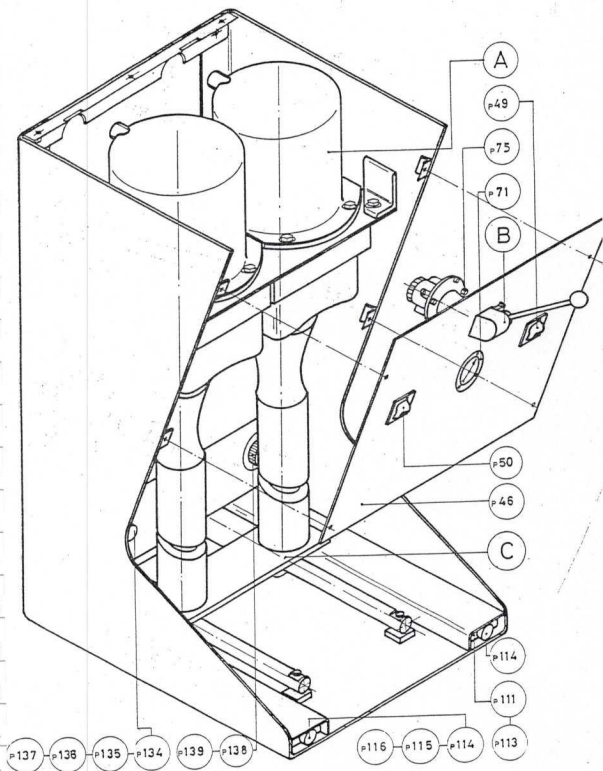
This is the first shoe press equipped with a super fast relief valve which even during the pressing cycle enables adjustment of the pressure from 0 - 4 by means of a simple adjustment lever. The pressure can be read off on the pressure gauge which is mounted in the front cover of the machine.

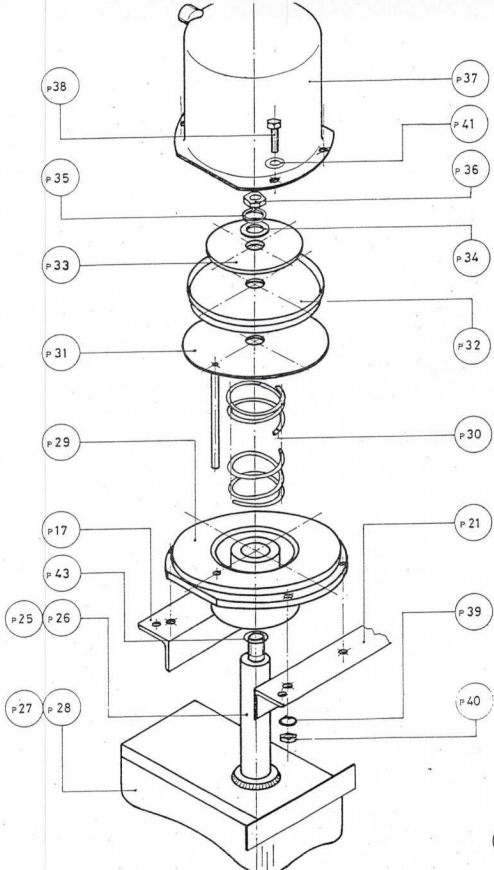
N.B.

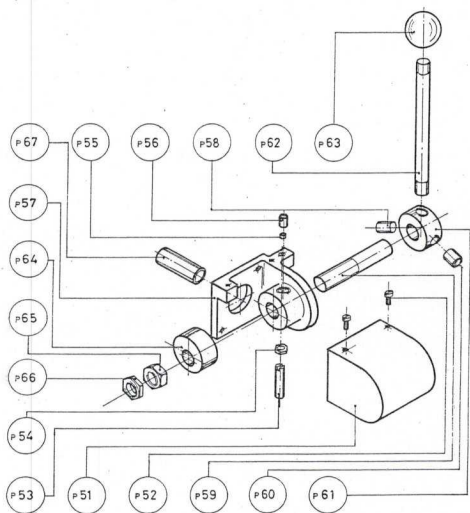
The maximum pressure at which the machine can be set is 4ATM. Changes which would enable setting a higher pressure are prohibited.

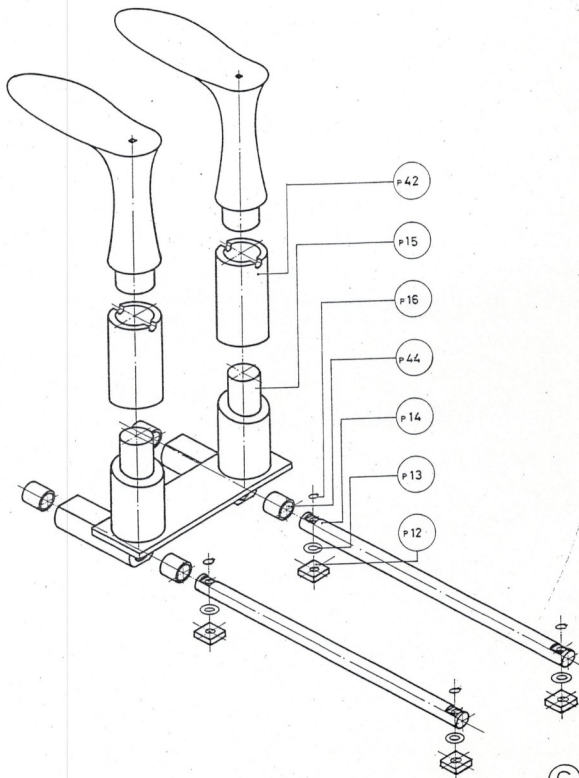
SWITCH

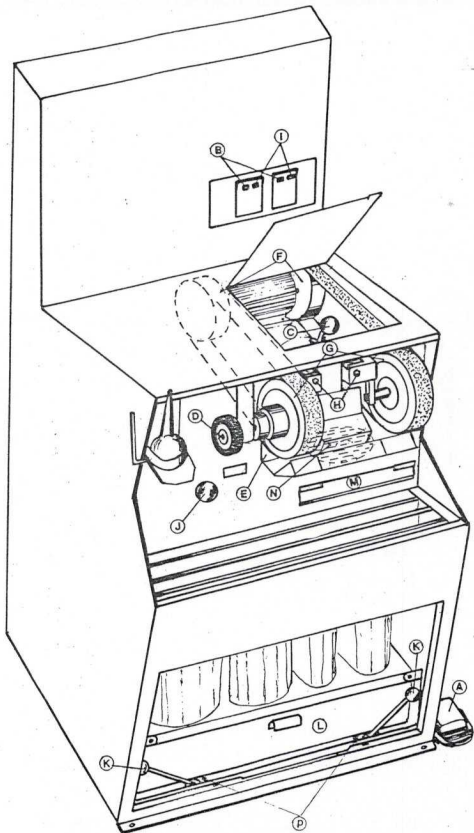
With this switch one of the two air cylinders can be cut off.

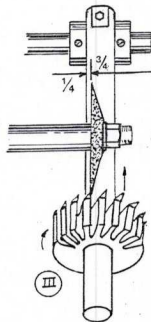
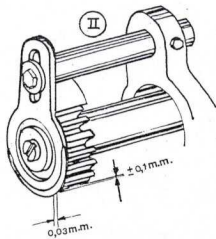
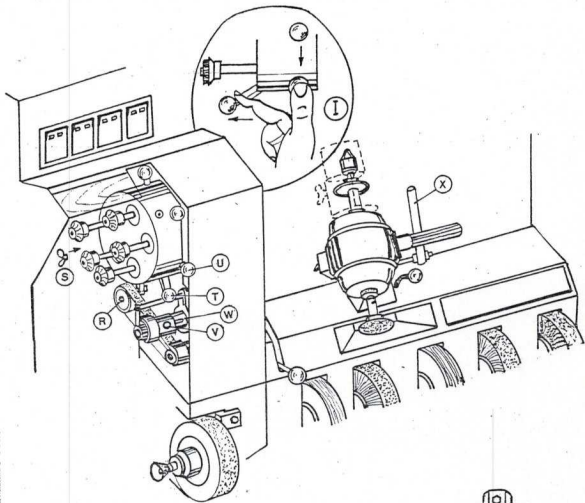


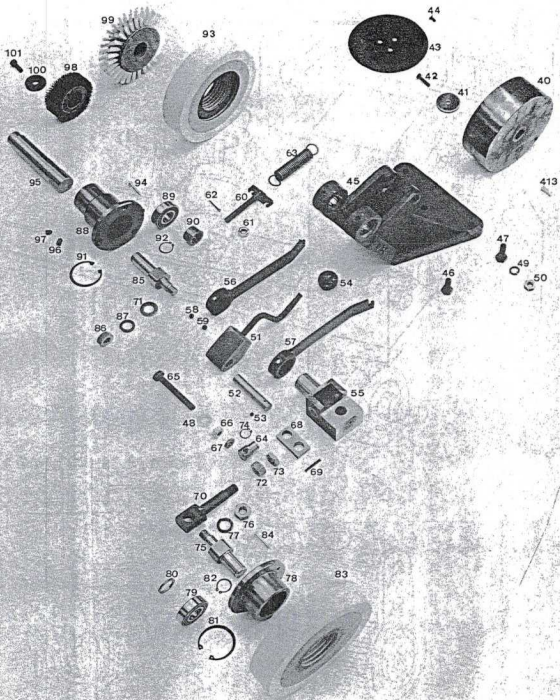






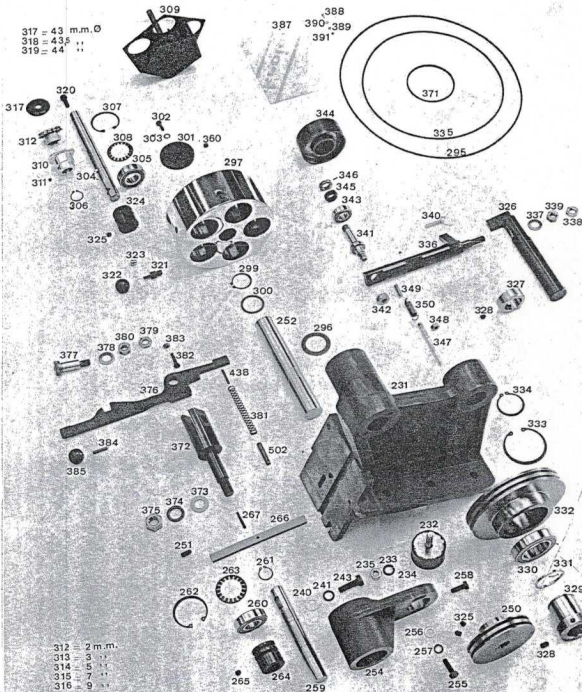




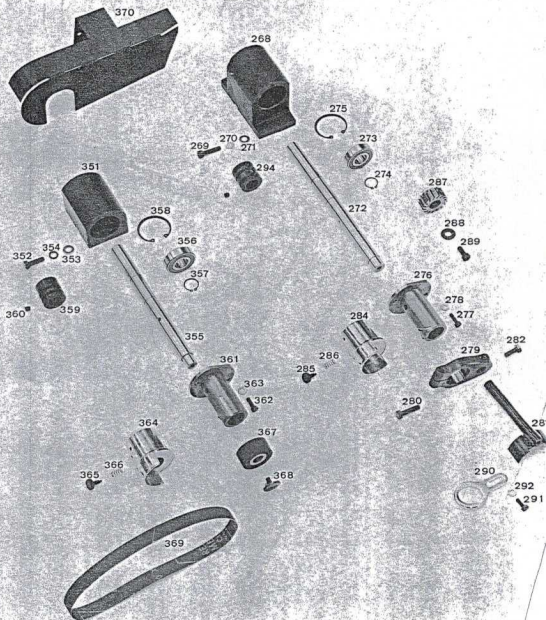


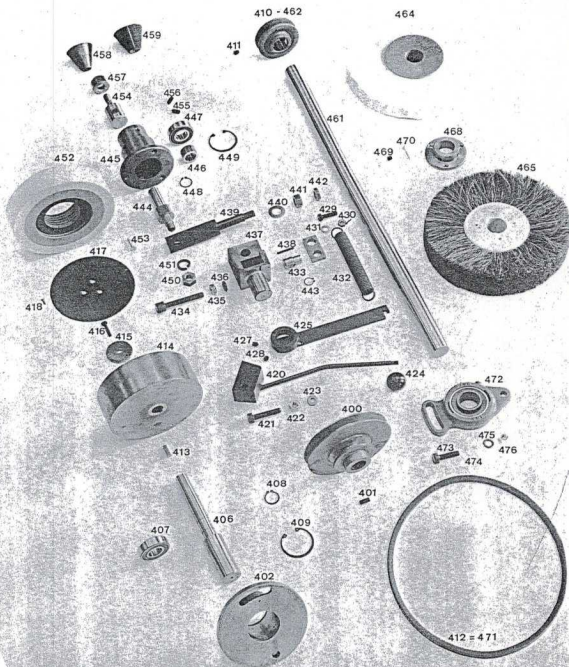
317 = 43 m.m. Ø
 318 = 43.5 ..
 319 = 44 ..

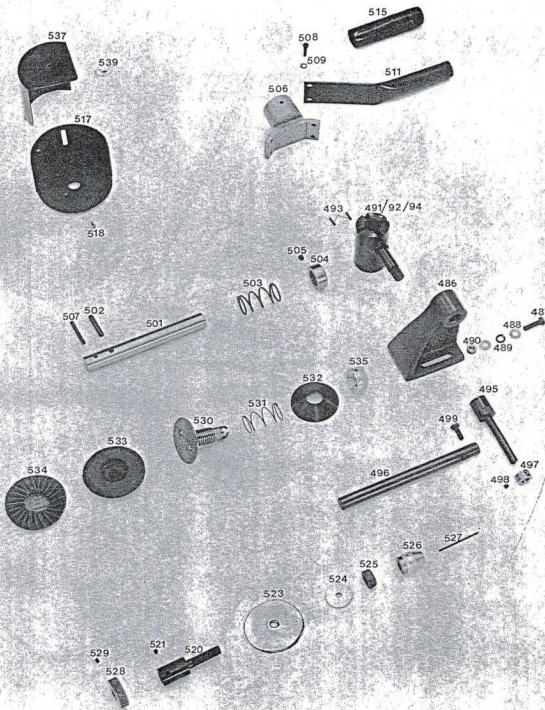
387 388
 390-389
 391'

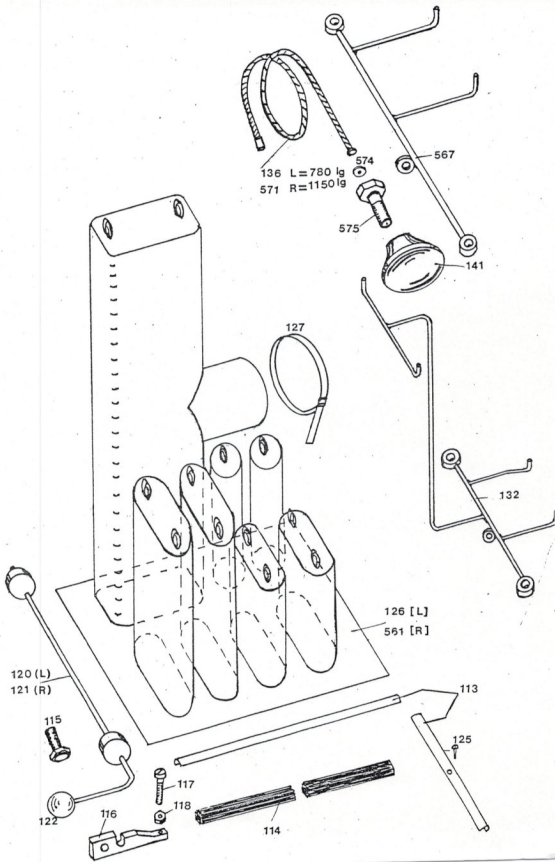


312 = 2 m.m.
 313 = 3 ..
 314 = 5 ..
 315 = 7 ..
 316 = 9 ..

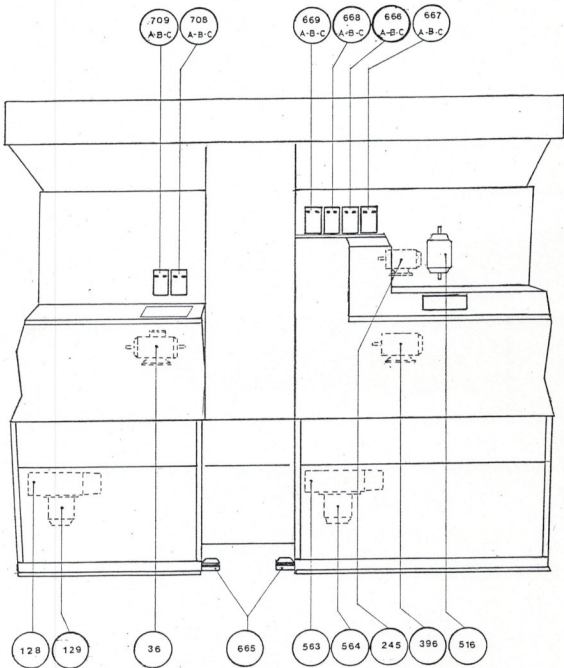


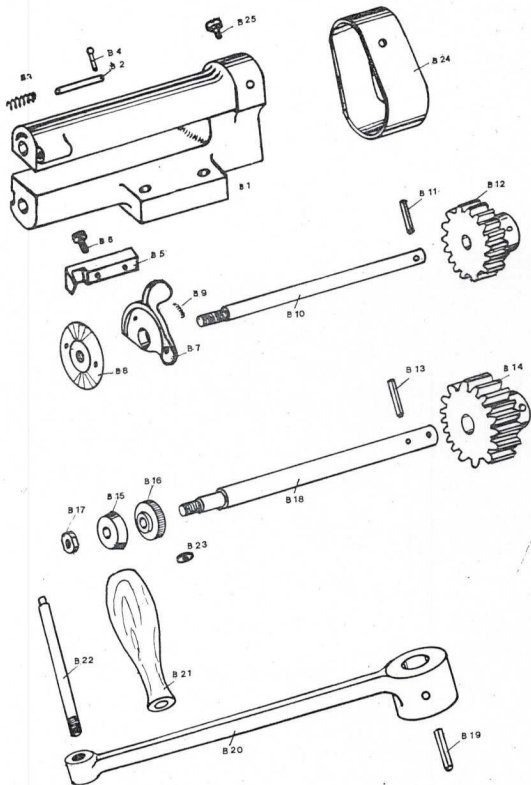




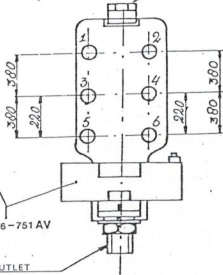
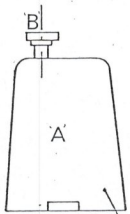
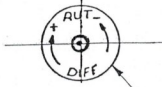


220 Volt = A
380 Volt = B
440 Volt = C

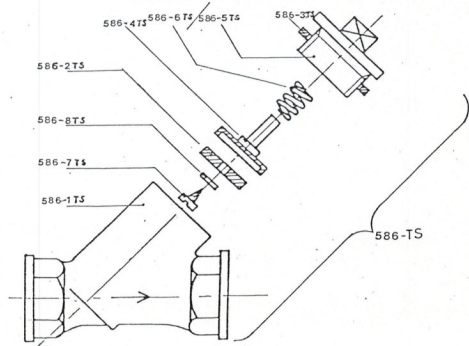




COMPRESSOR SWITCH



NON RETURN VALVE BEFORE THE SWITCH



INSTRUCTIONS FOR SETTING THE SWITCHING PRESSURES ON THE COMPRESSOR

(This should not be necessary when the machine is first installed).

1. Switch off the compressor unit at the compressor switch on the electrical panel.
2. Remove the compressor unit from the Power Unit. This is done by disconnecting the air in-take pipe and removing the two nuts at the front of the base on the compressor. Lift the compressor off the two studs and pull it forwards out of the Power Unit, until the complete compressor unit is exposed. Do not pull it any further out because the electrical wiring is still attached.
DANGER: Do not stand near or touch the main pulley when the compressor unit is exposed.
3. Remove the cover 'A' from the switch unit, which is situated between the piston block of the compressor and the motor. Now that the cover is removed a disc 'C' is visible which has 'AUT +' and a direction arrow and 'DIFF -' and a direction arrow on it. To increase the pressures which the compressor switches on and off at, turn the disc by putting a spanner on the larger of the two nuts and turn it in a clockwise direction. To decrease the pressure which the compressor switches on and off at, repeat the procedure in an anti-clockwise direction.
4. To vary the range in which the compressor switches on and off at, unlock the small lock nut at the top of the switch spindle. Turn the disc without moving the spindle. To narrow the range turn the disc clockwise. To widen the range turn the disc anti-clockwise. When the required switching pressures are obtained, lock the small lock nut to the larger nut. When checking what pressures the compressor is operating at it will be necessary to relocate the cover and switch on the electrical supply to the compressor. Drain the air tank by opening the drain tap until the compressor switches on (Note the pressure). Close drain tap and note the pressure at which the compressor switches off.

Recommended pressures 'ON' at 6 bars and 'OFF' at 9.50 bars. The Power Unit is set to these settings prior to delivery therefore it should not be necessary to adjust the switch.
Note: The safety blow-off valve on the tank is rated at 10 bars. If the recommended pressures are not obtained repeat instructions until they are.
5. After relocating the cover, check that the button on the top of the switch unit is in the 'UP' position for automatic switching. The lower position is for manual switching only and should not be used.
6. Relocate the compressor unit inside the Power Unit and lock in position with the two nuts. Be careful that you do not trap the electrical wire when repositioning the compressor unit.

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