SCHLEICHER

S 14.90

To help you understand these operating instructions, we recommend that you first open out the folding page containing the illustrations (page 3).
Now you can easily refer to these illustrations in conjunction with each new page of text.

RANGE OF APPLICATION:

The **S 14.90** document shredder is a high-performance machine which is able to shred largest quantities of written material of a general nature.
Crumpled paper is shredded just as easily as smooth sheets.
CAUTION: The shredder should only be fed with paper or cardboard!
Shredding other data carrier can cause injuries (e.g. by splinters of hard materials) or may damage the shredder (e.g. destruction of the cutting system).

INSTALLATION:

ATTENTION: Only operate the machine in enclosed rooms at temperatures between 10°C and 40°C!
A three-phase main connection is required. You should ensure that the following fuse protection is in place:

at 380 V / 50 Hz with 25 A
at 400 V / 50 Hz with 25 A
at 230 V / 50 Hz with 35 A
at 200 V / 50 Hz with 35 A
(**gI** fuse, type **1** assignment)

Note: Additional anchoring to the floor is not necessary.

INSTALLING THE SHREDDER (Fig. 1):

1. Remove the housing top cover (4).
2. Using the hex nuts, mount the ring bolts (5, supplied) as shown, into the bearing plates (6); use a crane or other suitable hoist to lift the machine by the ring bolts and remove the base frame (8).
3. Turn the base frame upside down, place the machine onto the taps (7), table above the connecting frame), then bolt it to the base frame again securely
4. Remove the ring bolts used to lift the shredder, then reinstall the housing top cover (4).
5. The switch flap is secured to the bottom of the housing for transportation; remove the Allen screw to free it.
6. Close the holes which are still open in the base frame with the plastic plugs supplied.

MOUNTING THE RECEPTACLE (12) (Figs. 2 and 3):

1. Set down the base plate (9).
2. After inserting the junction bolts into the base plate, the two side panels without trough shaped handle (10) can be placed onto the junction bolts and fastened by twisting the locking device in the direction of the arrow.

3. The side panels with trough shaped handle (11) may be set into the respective grooves in the base plate. Now latch the side panels using the bolts and locking devices, as shown.

POWER SUPPLY CONNECTION:

a) The maximum value for loop impedance at the mains connection point is 0.5 Ohms.

b) The conductor cross-section of the power supply line should be of a magnitude so as to cause a 15% voltage drop in the case of a machine blockage (inhibit current = 6 x nominal current).

CHECKING THE RUNNING DIRECTION:

1. Release the emergency-stop rail (3) (fig.5) on the shredder feed table (pull out the rail). Switch on the main switch (1) (fig.4) i.e. to position „1".
2. Turn the rotary switch (2) (fig.4) to position „1".
   The cutter and conveyor belt now begin to operate.
3. Check that the shredder is running in the correct direction (the conveyor belt towards the cutting mechanism) and correct the phase relation of the power plug, if necessary.
   ATTENTION: Phase correction must be carried out by a qualified electrician only!

Now that everything has been correctly assembled and connected, you can proceed with machine start-up.

IMPORTANT: These operating instructions contain information essential for safe and trouble-free machine operations. For this reason, read it thoroughly before beginning machine operations.

OPERATION:

Important safety note:

1. **The machine must be operated only by <u>one</u> person at a time.**
2. **Keep children <u>away</u> from the machine.**
   This machine's design and safety concept are based on adult dimensions (feeder route, safety cut-off switches, etc.) to ensure that it can be operated safely by **adults** only.

Attention: The shredder will only run provided that:

a) the receptacle (12) (fig. 3) is pushed in properly.
   Note: It is imperative that the switch flap on the base of the shredder housing be free. (Refer to „Installing the Shredder", item **5.**).

b) the emergency stop bar (3) (fig. 5) is unlocked (pull out the red bar on the table).

c) the cover flap at the back is closed.

d) the main switch (1) (fig. 4) is switched on.

EXPLANATION OF OPERATION ELEMENTS (figs. 4 and 5):

1 = Main switch (emergency stop) (fig. 4)
The entire unit is switched on and off with this switch (position „1" or „0").

IMPORTANT OPERATING NOTE:

The 3,8-mm „tear-cut" mechanism should be lubricated occasionally (approximately every two hours during continuous operation) because of increased friction caused by dry paper dust. To lubricate the cutters, lift the cover flap at the back and squirt a trace of the special oil supplied across the cutting cylinder.

MOTOR PROTECTION:

Should the machine ever become overloaded, an incorporated fuse will interrupt the circuit and stop the machine.

Turn the rotary switch (2) (fig. 4) to position „0", wait for approx. 5-10 minutes and then restart shredding.

CHECKLIST IN CASE OF MALFUNCTIONS:

If the machine does not function, check the following:

- is the the machine **plugged into the mains power supply**?
- is the **main switch (1)** turned on?
- is the **rotary switch (2)** turned on?
- is the **receptacle (12)** pushed in properly?
- is the **emergency stop bar (3)** unlocked?
  Pull out the red bar on the table.
- is the **cover flap** at the back closed?
- is there a **paper jam**?
  Follow the instructions under „PAPER JAM".
- has the **motor** been overloaded?
  Wait until the motor has cooled, and then restart.
- is any one **phase** malfunctioning?
  Check individual fuses at the power supply, replace fuses if required.

If you still cannot isolate the fault after carrying out all these checks, please notify our customer service department.

IMPORTANT SAFETY NOTE:

Always unplug the machine from the mains power supply, turn off the main switch and lock it with a padlock before opening the machine to carry out any repairs.

TECHNICAL DATA:

Cutting width:	3,8 mm (strips)
	7,8 mm (strips)
	3,8x40 mm (tear-cut)
Cutting capacity:	
3,8 mm:	90-110 sheets (70g/m²)
7,8 mm:	120-140 sheets (70g/m²)
3,8x40 mm:	60-70 sheets (70g/m²)
Working width:	440 mm
Power input:	6 kW
Power output:	2,2 kW
Tension de ligne:	380V/50Hz
	400V/50Hz
	230V/50Hz
	415V/50Hz
	220V/60Hz
	200V/50Hz
	200V/60Hz

DIMENSIONS AND WEIGHT:

Width:	1002 mm
Depth:	1300 mm
Height:	1320 mm
Noise generation:	>70 dBA
Weight (net):	357 kg