

IDEAL 4107
IDEAL 4107 CC

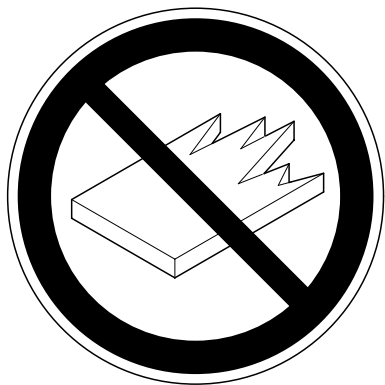




Children must not operate the machine!



Do not reach into the feed-opening of the cutting head!



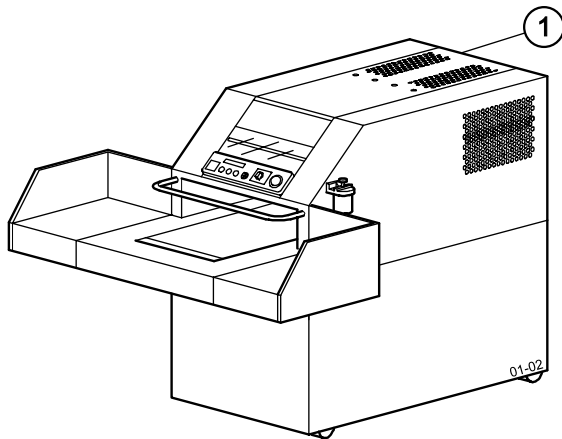
Do not cut hard materials or materials which may splinter!

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1. General

This instruction manual will help you to learn the safe and comfortable operation of this machine. Please carefully read and observe the operating instructions and safety instructions.



1.1 Safety Precautions

 **Danger!**
Non-compliance with the instructions may endanger persons.

 **Warning!**
Non-compliance with the instructions may cause damage to the machine.

The operating instructions must always be available for the operator.


All components which may endanger the operator are covered by a guard or have a door. All panels are screwed onto the machine. Automatic cut-off when opening the door.


Operation by one person at a time only.

1.2 Application

The machine is constructed for shredding crumpled paper, stacks of paper and cardboard boxes (including staples).

 **Danger!**
Children must not operate the machine.

 **Danger!**
Do not shred any strapping materials or fluids or materials which may explode, chemically react or splinter.

 **Warning!**
Feeding of big steel components, screws, nails or hard components will damage the cutting mechanism.

2. Installation

The machine is mobile on castors. The machine must be installed on a sturdy, dry, and level floor.



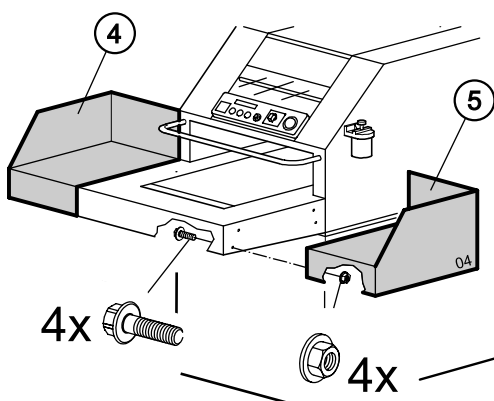
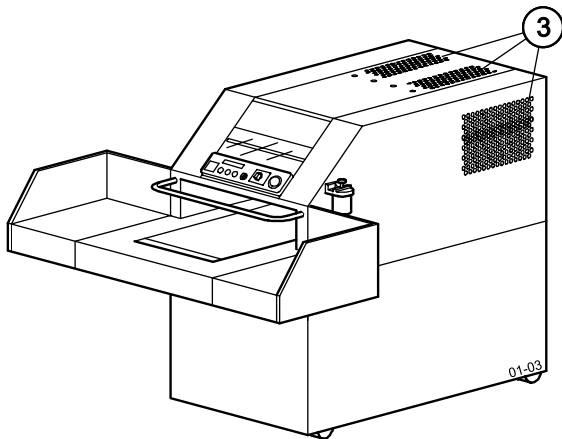
Danger!

- The machine may not be installed outside.
- Do not use in the vicinity of flammable liquids or gases.
- Do not use in humid environments.
- Protect the power cable from extreme heat, oil, and sharp edges.



Warning!

- Do not cover the ventilation slits (3).



2.1 Pre-assembly

- Fix the side tables (4) and (5) to the machine.

2.2 Power supply

The name plate is located at the rear of the machine or next to the electric mains.

- Data stated on the name plate
 - Voltage "V",
 - Frequency "Hz",
 - Power consumption "A"must correspond to the values of the power supply unit.
- **Earth wire must be available.**
- Connect the machine to the mains.

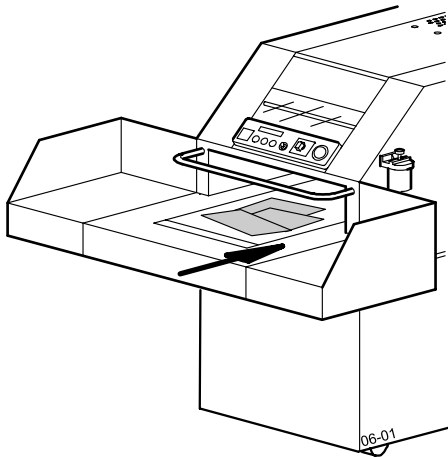
2.3 Checking rotating direction

Operate the machine for a short time as described under 3. "Operation".

- The material is transported to the shredding mechanism by a conveyor belt.

When the conveyor belt runs in the opposite direction:

The machine is wired according to the IEC standardized rotary field. When changing the rotary direction we recommend that this is performed by an experienced specialist. The rotary direction is changed by exchanging the "L1" and "L2" connections in the plug.



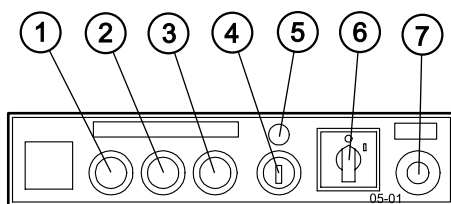
Danger!

Incorrect exchanging of connections may endanger the operator. If in doubt, this work should be performed by an electrical specialist.

3. Operation

⚠ Danger!

- The machine may only be operated by persons who have read and understood the operating instructions.
- **Do not reach into the running shredding mechanism! The shredding mechanism may cause serious injury!**
- The machine will only run when the door is closed.



3.1 Operating elements

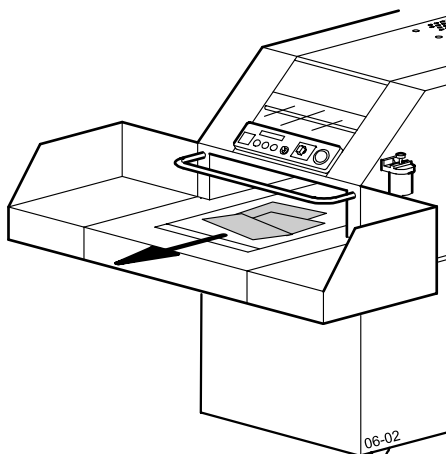
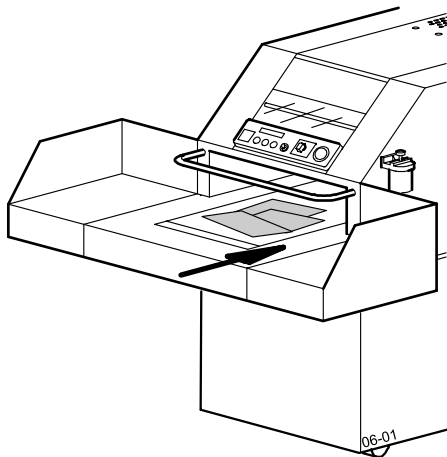
- (1) Start
- (2) Stop
- (3) Reverse switch and lamp showing "bag full"
- (4) Key switch
- (5) Standby
- (6) Mains switch
- (7) Emergency-stop

3.3 Starting the machine

⚠ Danger!

Do not shred any material which may loop or splinter. In case of danger, press emergency-stop button (7).

- Turn mains switch (6) to position "I"
- Emergency-stop (7) pulled out.
- Turn key switch (4) on.
 - Standby (5) illuminates.
- Press and release the black button (1).
 - Conveyor belt is running.
- Distribute the paper over the total width of the conveyor belt.

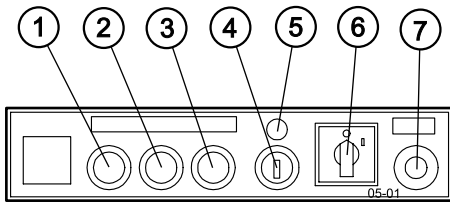


Machine stops due to overloading

- Remove any paper left on the conveyor belt. Do not reach into behind the flap.
- Press and release the yellow key (3)
 - Conveyor belt reverses.
- Feed less paper onto the conveyor belt.
- Start afresh.

⚠ Warning!

Avoid continuous overloading of the machine.



Stopping the machine

- Press white button (2) or emergency-stop (7)
- Do not reach into the running shredding mechanism!**

3.3 Switching off the machine

For short breaks:

- Press white button (2) → Conveyor belt stops.

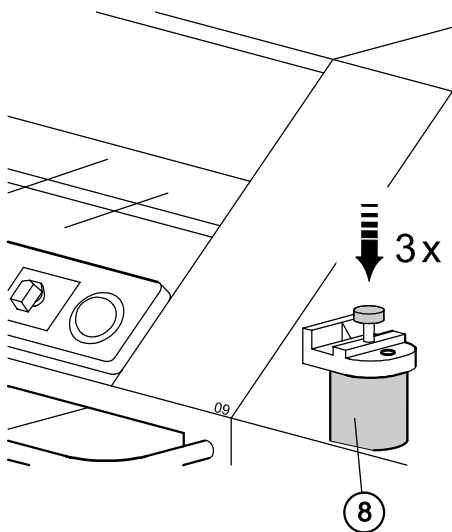
For longer breaks:

- Turn main switch (6) to position "0". → The entire machine shuts down.
- Turn key switch (4) and remove the key → Now the machine is secured from unauthorized use.

3.4 Oiling the shredding mechanism

If the sheet capacity reduces or after the bag is emptied we recommend that you oil the shredding mechanism!

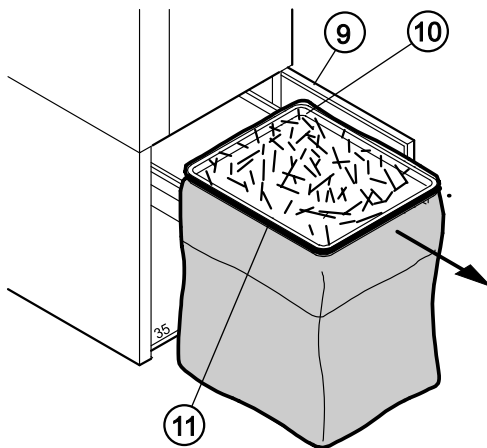
- Press the oilpump button 3 x.
- After lubrication let the machine run several times backwards and forwards alternately.
- If tank (8) is empty refill with oil.
Type of oil: cutting head oil



3.5 Replacing the plastic bag

Replace bag when "bag full" indicator lights.

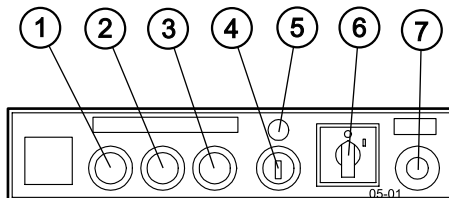
- Open the door (9).
- Pull out the plastic bag holding the bottom of the bag.
- Push down the waste paper.
- Pull out the waste bag with frame (10) until it stops.
- Remove the round belt (11) from the waste bag frame.
- Fasten the bag (wire twisting tool and wire ties see accessories).
- Place a new bag into the bag frame (10) and turn the edge over the outside of the frame.
- Fasten the bag with the round belt. The round belt must fit into the channel of the bag frame.
- Push the bag frame into the machine and adjust the plastic bag with your foot.
- Close the door (9).



4. Trouble-shooting

⚠ Danger!

Disconnect from the mains before starting any service work or before removing the cover.



Malfunction:

Standby (5) is not lighting up / machine does not start.

Cause:

- Door open
- Main switch "0"
- Emergency-stop button is pressed
- Key switch is vertical
- Machine is plugged in
- On-site fuse
- Machine is overloaded - The motor protection switch releases the machine after approx. 2 min.

Malfunction:

Motor hums and has no power.

Cause:

One phase is missing.

Remedy:

Ensure that voltage is on all 3 phases

Malfunction:

Machine switches off during normal operation.

a) Cause:

Indicator for "Bag full" lights
→ Shred bag is full.

Remedy:

Renew plastic bag.

b) Cause:

Machine is overloaded to frequently.

Remedy:

Check on-site fuse

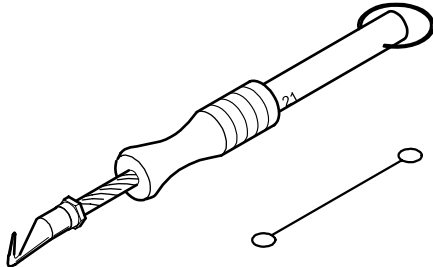
Motor protection switch releases the machine after approx. 2 min.

5. Accessories

Plastic bags 350 l (50 pieces)	9000 412
Cutting head oil 10 x 0,2 l	9000 610

For fastening plastic bags:

Wire twisting tool for one-way plastic bags	9000 591
Wire ties for one-way plastic bags (1000 pieces)	9000 592

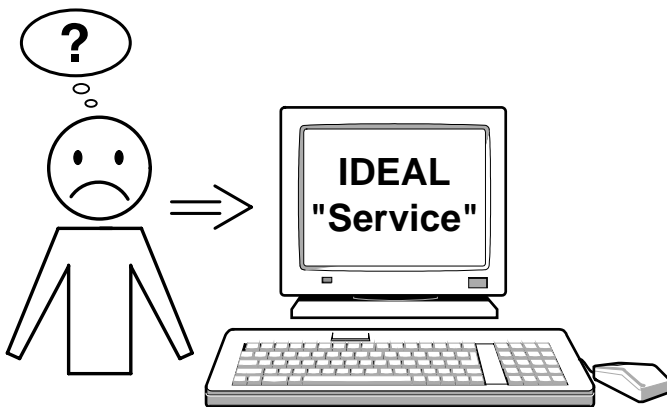


Attention!
 Only use manufacturer recommended accessories.

6. Technical data

The exact technical specifications can be found on the technical specifications sticker on the machine.

Noise level < 70 dB(A).
 Fuse protection 400 V with 16 A.
 Fuse protection 220 V with 20 A.



If you have further questions please contact your dealer or directly on the internet www.ideal.de
 → "Service" service@krug-priester.com.

Subject to alterations without notice.

EG-KONFORMITÄTSERKLÄRUNG

EC-declaration of conformity

Déclaration de conformité CE

Declaración CE de conformidad

Dichiarazione CE di conformità

EG-verklaring van overeenstemming

Declaração CE de conformidade

EF-overensstemmelseserklæring

- Hiermit erklären wir, daß die Bauart von

- Herewith we declare that

- Par la présente, nous déclarons que

- Por la presente, declaramos que la

- Si dichiara che il modello della

- Hiermede verklaren wij, dat de in de handel gebrachte machine

- Com a presente, declaramos que o modelo da

- Hermed erklæres, at produkttypen

4107; 4107 CC

- folgenden einschlägigen Bestimmungen entspricht:

- complies with the following provisions applying to it:

- sont conformes aux dispositions pertinentes suivantes:

- satisface las disposiciones pertinentes siguientes:

- è conforme alle seguenti disposizioni pertinenti:

- voldoet aan de eisen van de in het vervolg genoemde bepalingen:

- está em conformidade com as disposições pertinentes, a saber:

- er i overensstemmelse med følgende bestemmelser:

EG 98/37; EG 73/23; EG 89/336

- Angewendete harmonisierte Normen insbesondere

- Applied harmonized standards in particular

- Normes harmonisées utilisées, notamment

- Normas armonizadas utilizadas particularmente

- Norme armonizzate applicate in particolare

- Gebuikte geharmoniseerde normen, in het bijzondere

- Normas harmonizadas utilizadas, em particular

- Harmoniserede standarder, der blev anvendt, i særdaleshed

EN 60204-1; EN 55014-1; EN 55014-2

EN ISO 12100-1; EN ISO 12100-2; EN 294; ISO 7779

Krug & Priester GmbH u. Co KG
72336 Balingen, Germany

26. 10. 2004
Datum

W. Priester
Wolfgang Priester
- General Manager -



QUALITÄTSMANAGEMENTSYSTEM



DIN EN ISO 9001 Reg.-Nr. 1489

