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## MARKING SYSTEMS

EMBOSSING MACHINES

CANCELLING- AND  
 HOLE PUNCHING MACHINES

PERFORATING MACHINES

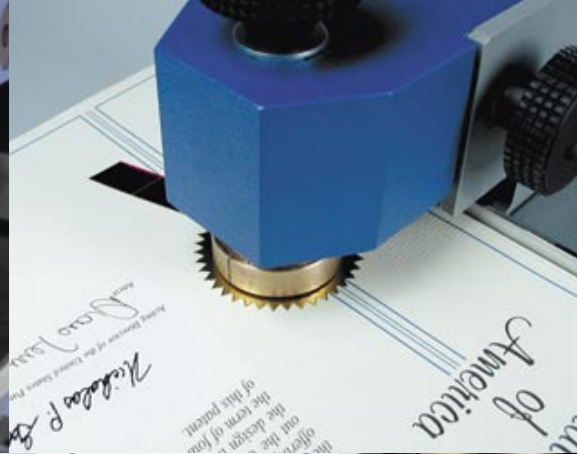
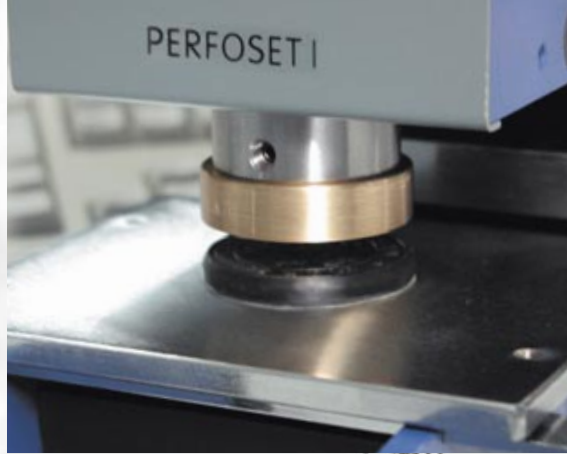
PHOTO CUTTER,  
 SECURITY EMBOSSING PRESS

NUMBER EMBOSSING MACHINES



## Table of Contents

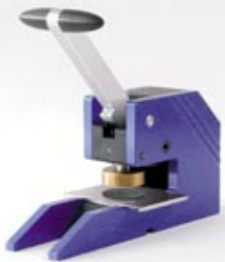
	PAGE		PAGE
■ <b>EMBOSSING MACHINES</b>	<b>3</b>	<b>NUMBER-PERFORATING MACHINES</b>	<b>36</b>
<b>MICROSET</b>	<b>4</b>	<b>PERFOSTAR I, II</b>	<b>37-40</b>
Small Embossing Machine		Perforating Machines with Adjustable Wheels for Manual Operation	
<b>PERFOSET I/P, II/P</b>	<b>5-6</b>	<b>OFFICE Z</b>	<b>41-42</b>
Embossing Machines for Manual Operation		Electric Number-Perforating Machine	
<b>EMBOSSET</b>	<b>7-8</b>	<b>PERFOSTAR E, ES</b>	<b>43-46</b>
Elektric Embossing Machine		Electric Perforating Machines with Adjustable Wheels	
<b>PERFOSET E/P, ES/P</b>	<b>9-10</b>	<b>COMPUSTAR</b>	<b>47</b>
Electric Embossing Machines		PC-Controlled Number- and Letter Perforating Machine	
■ <b>CANCELLING &amp; HOLE PUNCHING MACHINES</b>	<b>11</b>	■ <b>PASSPORT PERFORATING AND NUMBERING SYSTEMS</b>	<b>48</b>
<b>PERFOSET I/L, II/L</b>	<b>12-13</b>	<b>PERFOREX</b>	<b>49-50</b>
Symbol Punching Machines for Manual Operation		Passport Perforating and Numbering Systems	
<b>OFFICE L</b>	<b>14-15</b>	■ <b>PHOTO CUTTER SECURITY EMBOSSING PRESS</b>	<b>51</b>
Electric Symbol Punching- and Cancelling Machine		<b>PERFOSET I/F</b>	<b>52</b>
<b>PERFOSET E/L, ES/L, E/LA</b>	<b>16-17</b>	Photo Cutter for Manual Operation	
Electric Hole Punching- and Cancelling Machines		<b>PERFOSET I/R</b>	<b>53</b>
<b>PERFOSET EX/L</b>	<b>18-19</b>	Embossing Press for Securing Photos in Documents, Manual Operation	
Electric Hole Punching Machine for Document Piles of up to 20 mm		■ <b>NUMBER EMBOSSING MACHINES</b>	<b>54</b>
<b>BANKOSTAR</b>	<b>20</b>	<b>METALLPRINT SP I, SP II</b>	<b>55</b>
High-Performance Electric Banknote-Cancelling-Machine		Number Embossing Machine for Manual Operation	
■ <b>PERFORATING MACHINES</b>		<b>METALLPRINT MPI, MP II</b>	<b>56</b>
<b>TEXT-PERFORATING MACHINES</b>	<b>21</b>	Number Embossing Machine for Manual Operation	
<b>PERFOSET I/T, II/T</b>	<b>22-23</b>	<b>METALLPRINT II,II</b>	<b>57</b>
Text-Perforating Machines for Manual Operation		Number Embossing Machine for Manual Operation	
<b>OFFICE T</b>	<b>24-25</b>	<b>METALLPRINT E, ES</b>	<b>58</b>
Electric Text-Perforating Machine		Electric Number Embossing Machine	
<b>PERFOSET E/T, ES/T</b>	<b>26-27</b>		
Electric Text-Perforating Machines			
<b>DATE-PERFORATING MACHINES</b>	<b>28</b>		
<b>PERFOSET I/D, II/D</b>	<b>29-30</b>		
Date Perforating Machines for Manual Operation			
<b>OFFICE D</b>	<b>31-32</b>		
Electric Date Perforating Machine			
<b>PERFOSET E/D, ES/D</b>	<b>33-34</b>		
Electric Date Perforating Machines			
<b>2000 E/D</b>	<b>35</b>		
Heavy-Duty Electric Date Perforating Machine			



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## Embossing Machines

<b>MICROSET</b> Small Embossing Machine	4
<b>PERFOSET I/P, II/P</b> Embossing Machines for Manual Operation	5-6
<b>EMBOSSET</b> Electric Embossing Machine	7-8
<b>PERFOSET E/P, ES/P</b> Electric Embossing Machines	9-10



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**PERNUMA MICROSET**  
 Small Embossing Press  
 (mini version)

**This small unit is specially designed for personal use. It is capable of embossing clearly visible signets or coat of arms up to a diameter of 30 mm.**

When ordering the Microset with engraved stamp set a pattern must be supplied. It is also necessary to determine whether the stamp is to be embossed on the top or bottom of the document.

The stamp can also be installed at a 90° angle in order to emboss from the side.

**Technical Data**

**PERNUMA MICROSET**

Stampsize Ø (approx.)	30 mm
Insert Depth	45 mm
Netweight (approx.)	1 kg

**Dimensions**

Width	7 cm
Depth	17 cm
with handle	18 cm
Height	9,4 cm
with handle	18 cm



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## PERNUMA PERFOSET I/P, II/P Embossing Machines

for securing official documents, embossing of photos or identity cards or simply for decorating business cards or letters by a logo or a coat of arms

Our hand-operated embossing machines are available in two sizes:

### PERNUMA PERFOSET I/P

The diameter of the stamp set may be up to 40 mm.

Brilliant impressions can be achieved on paper or thin cardboard with a thickness of up to 120 g.

The insertion depth is 75 mm (from the paper margin up to the middle of the impression).

### PERNUMA PERFOSET II/P

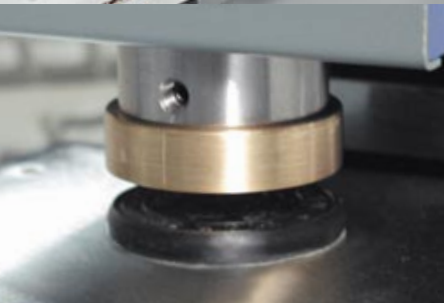
The diameter of the stamp set may be up to 75 mm.

Paper or cardboard can be embossed with a thickness up to 300 g.

The insertion depth is 110 mm (from the paper margin up to the middle of the impression).



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## PERNUMA PERFOSET I/P, II/P Embossing Machines

The machines are equipped with an adjustable side and rear gauge in their standard version in order to facilitate an exact positioning of the imprint.

By fitting in a security lock it can be prevented that unauthorized persons work with the machines.

The engraving of the upper stamp is mainly made in brass. The lower stamp is made of hard plastic.

### Important

We fit in the stamp set upon your request. Please always state the place for the embossing on the documents so that the imprint can appear legible.

### Technical Data

PERNUMA PERFOSET	I/P	II/P
Insertion depth	75 mm	110 mm
Max. stamp diameter	40 mm	75 mm
Thickness of upper stamp	10 mm	12 mm
Thickness of lower stamp	5 mm	5 mm
Diameter of spigot	8 mm	12 mm
Length of spigot	10 mm	12 mm
Net weight	5.8 kg	11.2 kg
Gross weight	6.7 kg	12.5 kg

### Packaging dimensions:

Perfoset I/P	43 x 34 x 20 cm
Perfoset II/P	52 x 33 x 23 cm

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## PERNUMA **EMBOSSET** Electric Embossing Machine

### PERNUMA **EMBOSSET**

This electric embossing machine was specially designed for the use in offices. The following materials can be embossed: paper, carton, cardboard, ID cards, photos etc. Model EMBOSSET can be equipped with an embossing stamp up to 40 mm in diameter.

The positioning of documents can be individually adjusted by a rear gauge. The maximum insertion depth from the edge of documents is 70 mm. The embossing is effected by means of a push button. As an option, a foot-switch can be supplied.

### Exchanging of Embossing Stamp Sets

By means of pulling up the embossing head, the stamp set can be easily and quickly exchanged. The embossing pressure can be precisely adjusted to the corresponding thickness of the material to be embossed.

### Upper and Lower Embossing Stamp

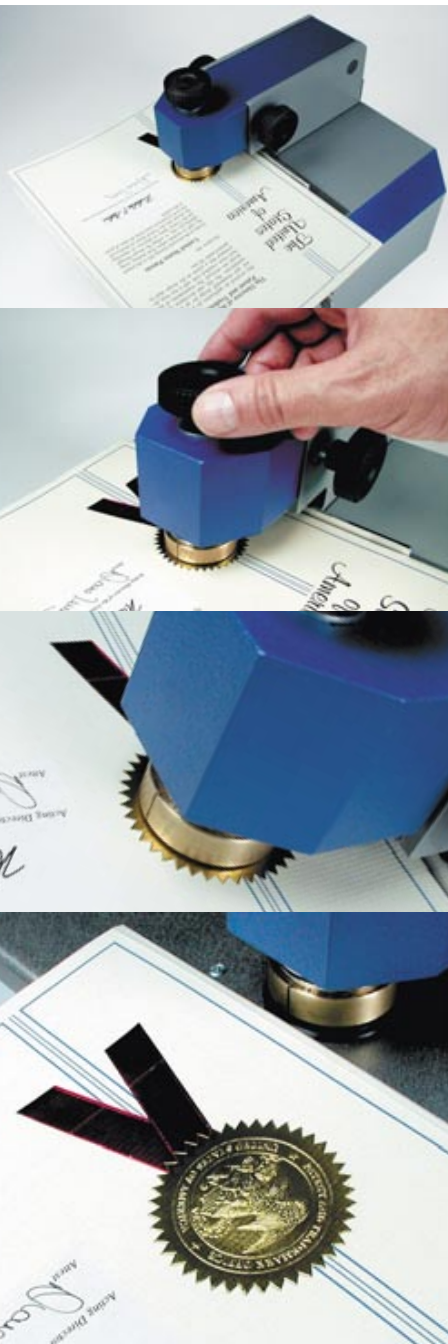
The quality of an embossing depends on the quality of an embossing stamp.

For this reason all PERNUMA embossing-stamps are made out of brass or steel and are manually engraved. The plastic lower stamp is precisely fitted to the upper stamp by a special process.

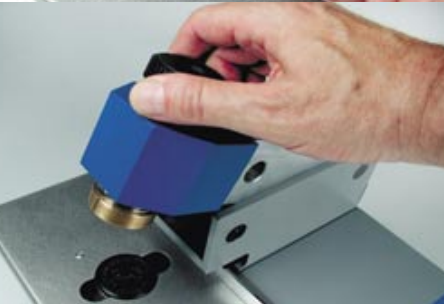
Upon request all embossing machines can be delivered with a stamp set (upper- and lower stamp).

### Safety Lock

In order to prevent the abuse of the embossing machine, model EMBOSSET is equipped with a safety-lock.



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## PERNUMA EMBOSET

### Electric Embossing Machine

#### Technical Data

##### PERNUMA EMBOSET

Thickness of upper stamp	10 mm
Thickness of lower stamp	5 mm
Maximum Ø of embossing stamp	40 mm
Insertion depth	70 mm
Embossing range of stroke	5 mm

#### Motor

Power source (single phase)	230V/50Hz
Motor output	0.12KW/120VA

#### Basic Equipment

- Release by push button
- Pilot lamp (green)
- Electronic lock
- Rear gauge

#### Dimensions

Length	260 mm
Width	275 mm
Height (incl. knob)	265 mm

#### Weight and Box Dimensions

Net weight	15.5 kg
Gross weight	20.0 kg
Box dimensions	310 x 320 x 300 mm

#### Options

- Foot switch



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## PERNUMA PERFOSET E/P, ES/P Electric Embossing Machines

for securing official documents or photographs in passports; also for embossing certificates, sheets of writing paper, business cards, etc. without applying any physical force.

Our electric embossing machines were designed for satisfying high demands. Even in more solid materials like cardboard or pasteboard and with bigger embossing stamps you will easily obtain needle-sharp impressions.

The insertion depth is 105 mm from the paper edge to the center of the impression.

In order to enable exact positioning of every imprint on its corresponding forms, the machines are by production-line supplied with adjustable stops for side and depth.

The upper stamp is engraved in brass or steel. The lower stamp is made of plastic.

### PERNUMA PERFOSET E/P

A very robust, electrical embossing machine for office use, supplied with a modern NC motor.

Stamp diameter can be up to 75 mm.

The embossing is released by pressing a push button on the side of the machine.

### PERNUMA PERFOSET ES/P

This electrical high performance machine is supplied production-line with an especially strong gear unit in order to enable mass embossing and continuous operation. It meets highest demands.

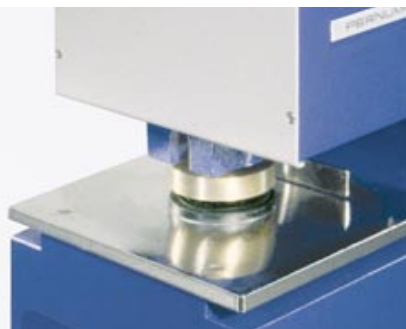
Stamp diameter can be up to 80 mm.

The embossing is released by pressing a pedal which is supplied by standard.

PERFOSET ES/P is one fixed unit on metal stand.

### Important

In order for the imprint to appear legible in the appropriate place on your forms, please include relevant information in your order.



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## PERNUMA PERFOSET E/P, ES/P Electric Embossing Machines

### Technical Data

Drive:

Power supply:

Insertion depth

Maximum stamp diameter

Thickness of female die

Diameter of spigot

Length of spigot:

Thickness of male die

Net weight

Gross weight

Packaging:

Packaging dimensions

### PERNUMA PERFOSET E/P

Electric

AC 230 V

Special voltage possible

105 mm

75 mm

12 mm

12 mm

20 mm

5 mm

26 kg

28 kg

Carton

59 x 39 x 27 cm

### PERNUMA PERFOSET ES/P

Electric

AC 230 V or three-phase  
 current 230/400 V

Special voltage possible

105 mm

80 mm

12 mm

12 mm

20 mm

5 mm

90 kg

140 kg

Wooden case

120 x 49 x 92 cm

### Stamp diameter

PERFOSET E/P max. 75 mm

PERFOSET ES/P max. 80 mm



### Extra Equipment:

- Foot switch (PERFOSET E/P)
- Automatic release
- Stroke counter for counting number of embossing completed
- Safety lock (preventing unauthorized persons from working with the machine)
- Table
- Fixed or special stops

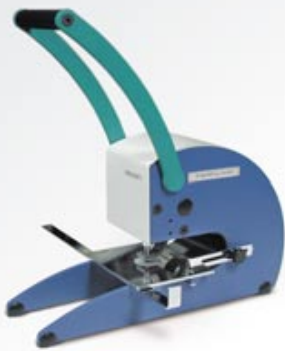




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## Hole Punching and Cancelling Machines

<b>PERFOSET I/L, II/L</b> Symbol Punching Machines for Manual Operation	12-13
<b>OFFICE L</b> Electric Symbol Punching- and Cancelling Machine	14-15
<b>PERFOSET E/L, ES/L, E/LA</b> Electric Hole Punching- and Cancelling Machines	16-17
<b>PERFOSET EX/L</b> Electric Hole Punching Machine for Document Piles of up to 20 mm	18-19
<b>BANKOSTAR</b> High-Performance Electric Banknote-Cancelling-Machine	20





## PERNUMA PERFOSET I/L, II/L and II/LA Symbol Punching Machines

**for marking, securing and/or cancelling forms like tender documents for example, identity documents, savings books or cheque cards**

Among the hand-operated machines you may choose between the following models :

### PERNUMA PERFOSET I/L

with an insertion depth of about 75 mm and a max. capacity of about 50 sheets of 70 g paper which corresponds to a paper stack of 5 mm height. The standard hole diameter is 8 mm. The desired symbol is fixed.

### PERNUMA PERFOSET II/L

with an insertion depth of about 110 mm and a capacity of about 60 – 80 sheets of 70 g paper which corresponds to a paper stack of 8 mm height. The standard hole diameter is 12 mm. – If the machine would be equipped with a standard symbol with a diameter of 8 mm 100 sheets of 70 g paper could be marked in one operation which corresponds to a paper stack of 10 mm. – The desired symbol is fixed.

The machines are equipped with an adjustable side and rear gauge in their standard version in order to facilitate an exact positioning of the punching.

For an extra charge they can be manufactured

- with a special symbol for which we need a sketch from you
- with an "Euro"-hole for punching blister packagings (Please see the samples on the reverse of this page. - The Euro-hole "E" is only available with our model PERFOSET II/L.)
- as notching presses with a fixed rear and an adjustable side gauge (Please see the notching samples on the reverse of this page.)
- with differing symbol diameters
- with a safety lock preventing unauthorized persons from working with the machine.

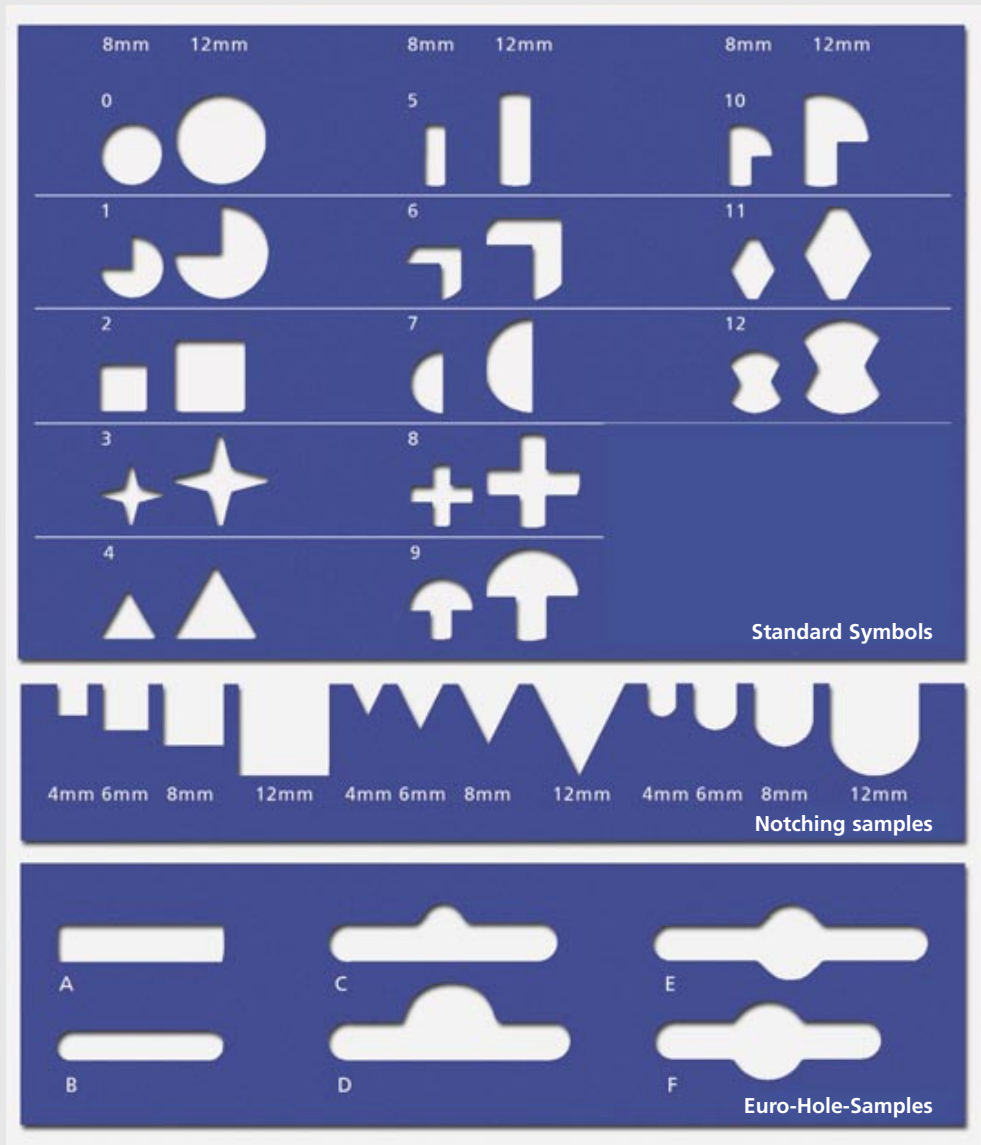
### PERNUMA PERFOSET II/LA

with an insertion depth of about 50 mm and a capacity of about 100 sheets of 70 g paper which corresponds to a paper stack of 10 mm height. The hole diameter is 8 mm in general.

The chosen symbols are on punching die units which can be exchanged easily and fast one against each other.

The machines cannot be equipped with an adjustable rear gauge because of the punching die unit which is one integral part. For an extra charge an adjustable side gauge is available.

**All hole punching machines are equipped with a symbol of your choice. Please pay attention to our standard symbols no. 0 – 12 on the reverse of this page.**



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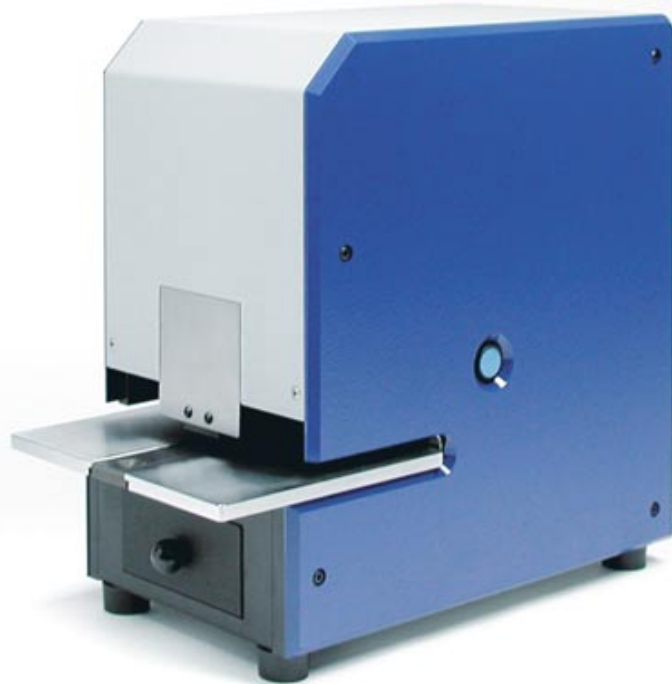


## PERNUMA PERFOSET I/L, II/L and II/LA Symbol Punching Machines

Technical Data:	PERNUMA PERFOSET I/L	PERNUMA PERFOSET II/L	PERNUMA PERFOSET II/LA
Standard-symbol-diameter	8 mm	12 mm	8 mm
Capacity	50 sheets of 70 g paper	60-80 sheets of 70 g paper	100 sheets of 70 g paper
Insertion depth	75 mm	110 mm	50 mm
Net weight	5.8 kg	11.2 kg	11.2 kg
Gross weight	6.7 kg	12.5 kg	12.5 kg
Packaging dimensions	43 x 34 x 20 cm	52 x 33 x 23 cm	52 x 33 x 23 cm



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## PERNUMA OFFICE L Electric Hole Punching and Cancelling Machine

This machine is supplied in series with easy-to-exchange punching dies.

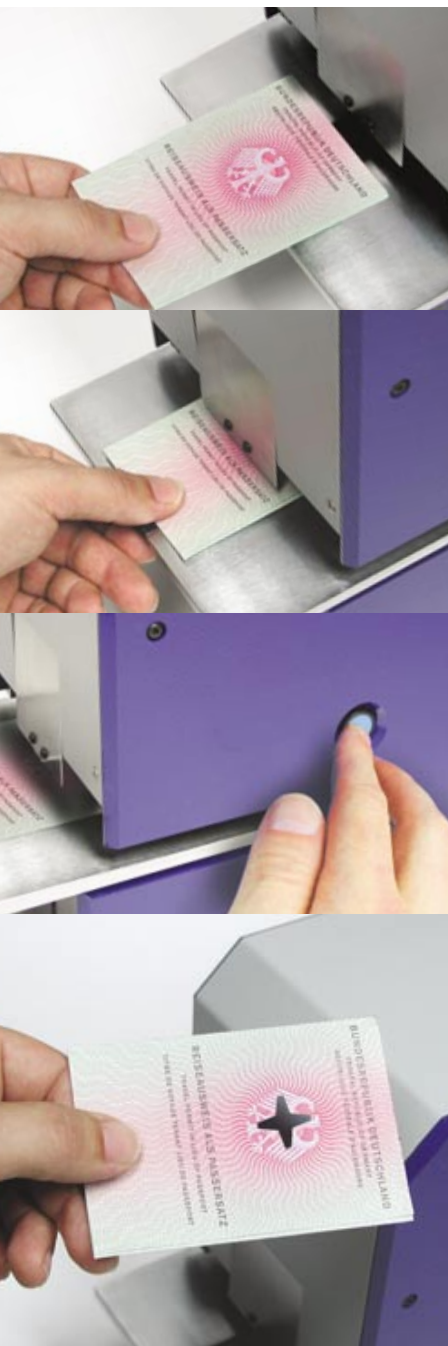
There is a choice of twelve symbols in 8 mm in diameter as well as a round hole.

The insertion height is approx. 5 mm and the capacity is 50 sheets of 70 g paper.

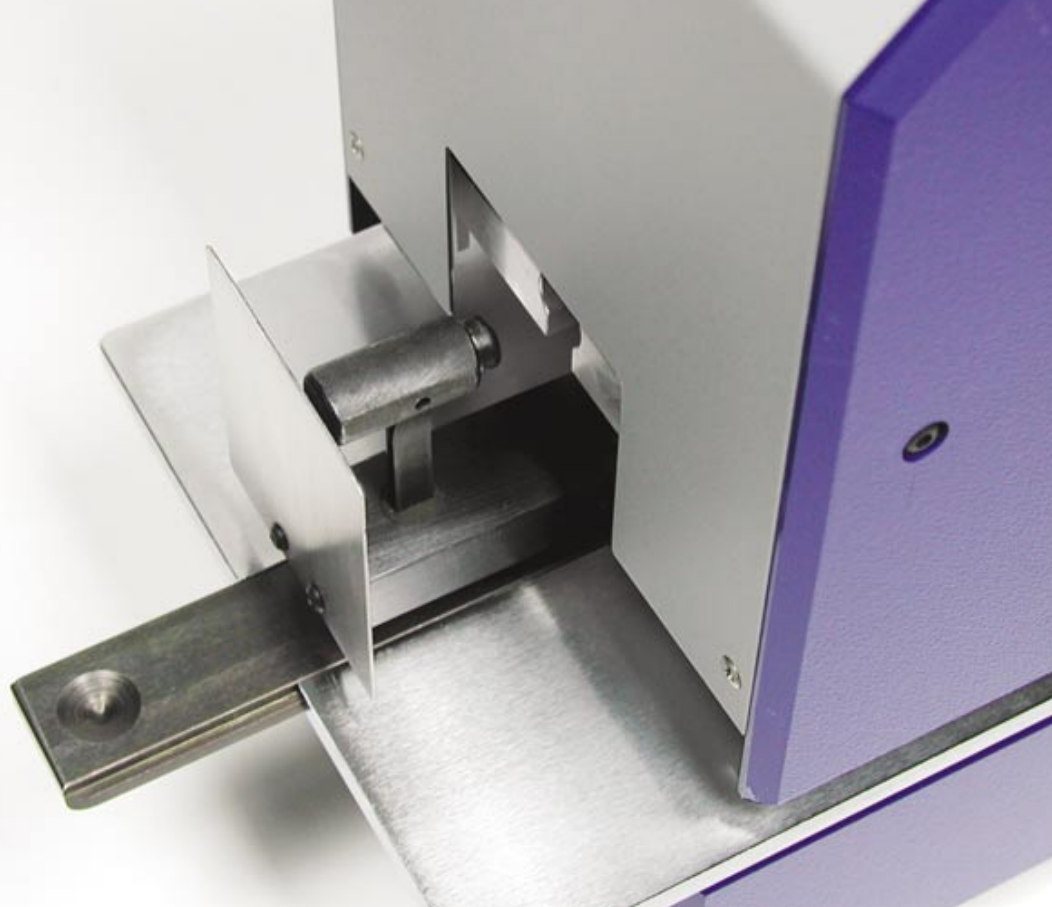
The max. insertion depth is limited to 50 mm.

Punching is released by the lateral push-button, the main switch is located at the rear of the machine.

Upon request the machine can be equipped with a safety lock and a foot switch.



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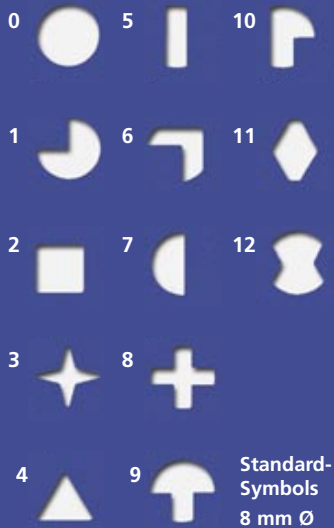
## PERNUMA OFFICE L

### Electric Hole Punching and Cancelling Machine

#### Technical Data

#### PERNUMA OFFICE L

Motor	230 V / 50 cps different voltage on request
Insertion depth	50 mm
Diameter of punch	8 mm
Capacity	approx. 50 sheets 70 g paper
Weight net / gross	18 kg / 20.5 kg
Dimensions of the machine (W x H x D):	31.5 x 15.4 x 29.0 cm
Packing	carton
Dimensions of the carton (W x H x D):	54.0 x 39.0 x 33.0 cm





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## PERNUMA PERFOSET E/L, ES/L and E/LA Electric Hole Punching and Cancelling Machines

for fast and easy marking by punch of up to 100 documents in one second in one operation without applying any physical force – for safe marking or cancelling of passports, bankbooks, cheque cards or tender documents

Our electric hole punching and cancelling machines were developed for highest demands, their field of application is, where big quantities of documents have to be handled.

### PERNUMA PERFOSET E/L

This is a very robust electric hole punching and cancelling machine for office use, supplied with a modern NC motor.

The punching is released by the push button on the side of the machine.

Up to 100 sheets of 70 g paper can be marked in a single operation with a punched symbol of 8 or 12 mm diameter – corresponding to a paper stack with a height of about 1 cm.

You may choose between 13 different standard symbols – see image on reverse side. The chosen symbol will be fixed in the machine.

The machine is by standard supplied with adjustable side and rear gauges in order for the punch being applied always in the same place on the forms. Insertion depth is 105 mm.

### PERNUMA PERFOSET ES/L

Our high performance electric punching and cancelling machine is by standard supplied with an especially powerful gear, and thus suitable for continuous operation.

It is fixed on a metal-stand.

The perforation is released by the foot switch (included by standard).

For a more detailed description, see PERFOSET E/L. Furthermore, model PERFOSET ES/L is also suitable for fitting several punches side by side. With this powerful machine, about 100 sheets of 70g paper can be marked simultaneously with up to 3 punched symbols of 8 or 12 mm of diameter.

### PERNUMA PERFOSET E/LA

This electric machine is supplied with a modern and powerful NC motor, being suitable for use in every office.

Model PERFOSET E/LA is used if documents are to be marked by different punch symbols. The machine can take up interchangeable punching die units – one each for the symbols of your choice. These types can easily be interchanged.

By standard each machine is delivered with 1 punching die unit with one of our standard symbols in 8mm diameter.

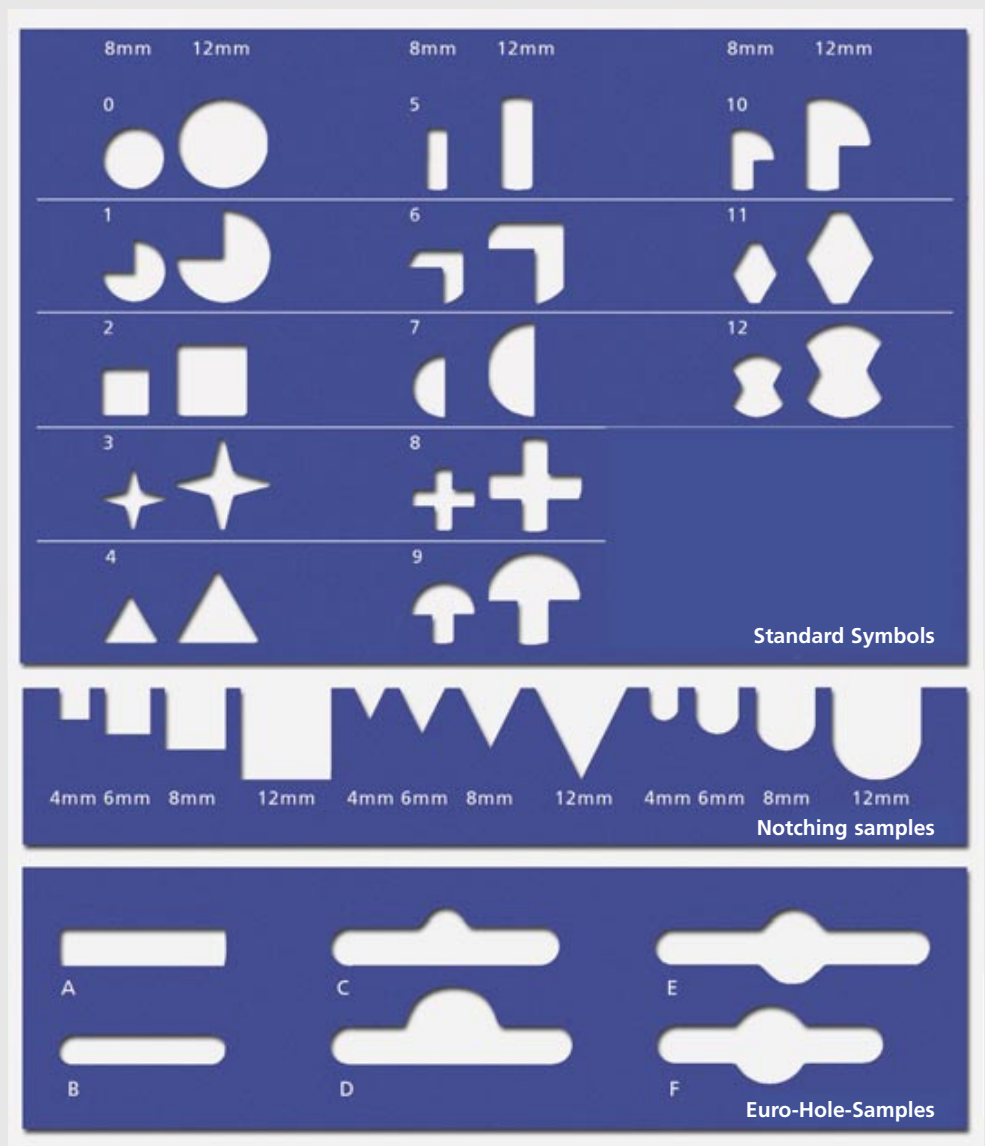
You can mark about 100 sheets of 70 g paper in one operation.

The punching process is released by pressing the push button on the side of the machine.

Due to the construction of the punching types, the insertion depth is about 50mm only.







Technical data and design subject to change.  
PERFOSET E/L, E/LA, ES/L, E/LA - E - 01/06

Technical Data	PERNUMA PERFOSET E/L	PERNUMA PERFOSET ES/L	PERNUMA PERFOSET E/LA
Drive:	Electric	Electric	Electric
Power supply:	AC 230V Special voltage possible	AC 230 V or three-phase current 230/400 V Special voltage possible	AC 230V Special voltage possible
Insertion depth:	105 mm	105 mm	150 mm
Adjustable stops:	by standard	by standard	none
Standard hole diameter:	8 or 12mm	8 or 12 mm	8 mm
Capacity:	approx. 100 sheets 70g paper	approx. 100 sheets 70 g paper	approx. 100 sheets 70 g paper
Net weight / Gross weight:	26 kg / 28 kg	90 kg / 140 kg	26 kg / 28 kg
Packaging:	Carton	Case	Carton
Packaging dimensions:	59 x 39 x 27 cm	120 x 49 x 92 cm	59 x 39 x 27 cm

**Possible additional equipment:**

- Special symbols (please supply sketch with your order)
- Euro hole - for punching blister packagings (not possible with PERFOSET E/LA)
- Notch symbols
- different hole diameters
- further punching types (PERFOSET E/LA only)
- Foot switch (PERFOSET E/L and E/LA)
- Counter (for counting number of punchings completed)
- Security lock (preventing unauthorized persons from working with the machine)
- Table (PERFOSET E/L and E/LA)
- fixed or special stops

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### PERNUMA PERFOSET EX/L

Electric Hole Punching Machine for Document Piles of up to 20 mm.  
 Marking up to 200 Sheets of Paper within 2 Seconds.

**For forgery-proof marking or cancelling of tender documents, submissions, etc.**

PERFOSET EX/L is a very robust electric hole punching machine for office use. Developed for highest demands it is employed where great amounts of documents are handled.

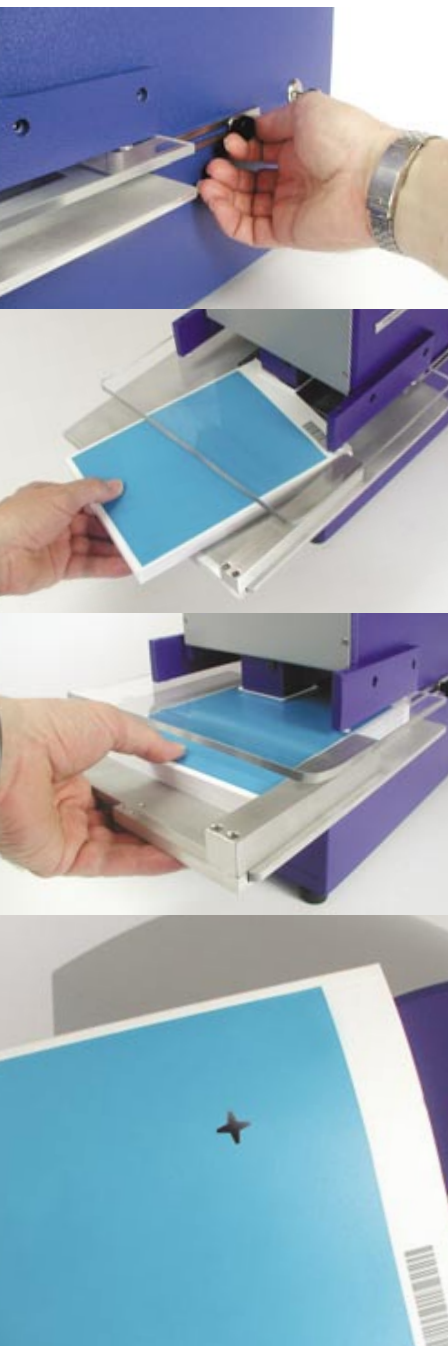
In one operation within 2 seconds up to 200 documents can be marked quickly and without any effort. The machine is equipped with one of the symbols in 8 mm ø shown on the verso of this leaflet.

You have the choice of 13 symbols. The chosen symbol is then firmly installed into the machine.

Punching is released by the foot switch. The machine is equipped with adjustable side and rear gauges, thus the documents are punched constantly at the same position.

The insertion depth is approximately 62 mm.

The standard equipment of the machine comprises a safety lock preventing unauthorized persons from using the machine.





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**PERNUMA PERFOSET EX/L**

Electric hole punching machine for document piles of up to 20 mm.  
 Marking up to 200 sheets of paper within 2 seconds.

**Technical Data**

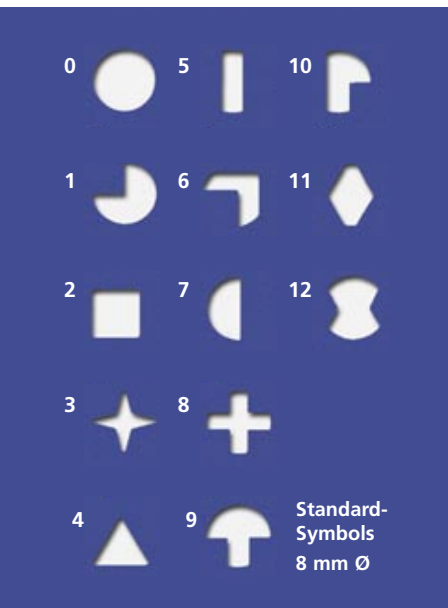
**PERNUMA PERFOSET EX/L**

Motor	230 V / 50 cps different voltage on request
Insertion depth	approx. 62 mm
Punching die	fixed
Available symbols	13
Hole diameter	8 mm
Capacity	approx. 200 sheets 70 g paper
Adjustable gauges	standard
Weight net / gross	26 kg / 37 kg
Machine dimensions	53 x 26 x 33 cm

**Additional equipment on request**

- counter (counting punches)
- firm or special gauges
- metal stand

Packing	case
Packing dimensions	60 x 40 x 50 cm





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## PERNUMA BANKOSTAR

Electric Banknote-Cancelling-Machine, high-performance-version, for continuous operation.

**This electric high-performance bank note cancelling machine is made for continuous operations, in every minute approx. 30 strokes. The machine equipped with a plate die set and precision guides is almost maintenance-free.**

In the machine's standard version, two banknote bundles are cancelled simultaneously in one stroke, each with 3 round holes of 8 mm diameter.

The already cancelled bundles remain in the machine for the time being, the paper bits fall into a separate box (lockable upon request).

Upon request too, the machine can be built to cancel each Banknote bundle with up to 5 round holes. Other hole diameters than 8 mm are also possible.

The working height is approx. 930 mm, it can be modified upon request.

The stand of the machine is a sturdy welded metal stand, a secure place for the switch gear cabinet.

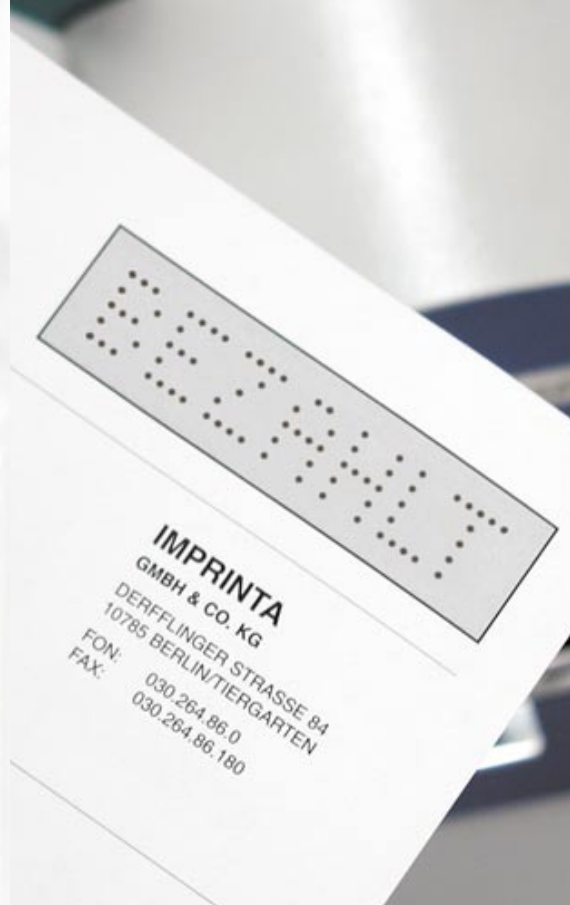
### Technical Data

PERNUMA BANKOSTAR	
Power source	400 V / 50 Hz threephase
Motor output	1.5 KW
Punching dies symbol	fixed round hole
Hole diameter	8 mm
Capacity per stroke	2 bundles of 100 banknoten (25 mm)
Weight net / gross	200 kg / 240 kg
Dimensions	
Depth x width x height	70 x 92 x 125 cm
Packing	case





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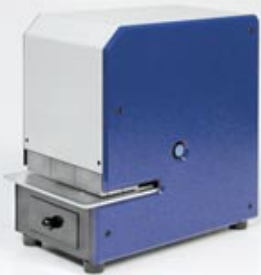


## Text-Perforating Machines

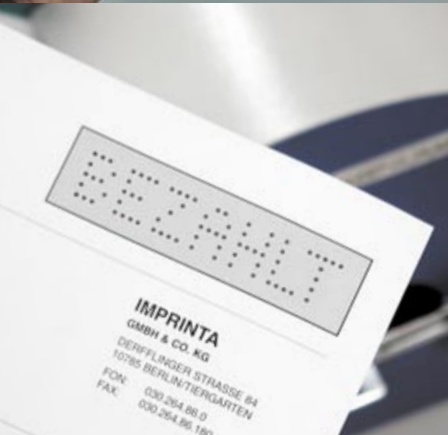
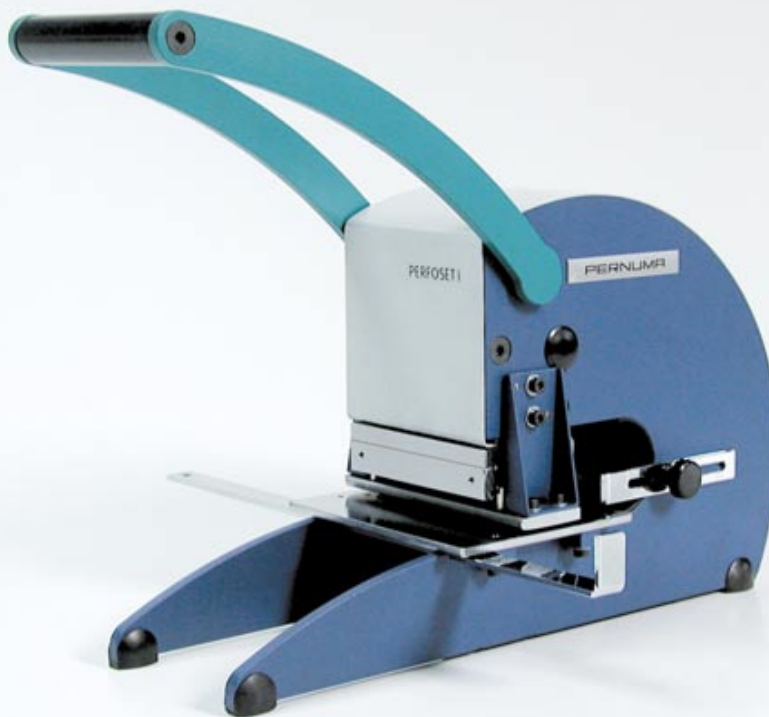
**PERFOSET I/T, II/T** 22-23  
 Text-Perforating Machines  
 for Manual Operation

**OFFICE T** 24-25  
 Electric Text-Perforating Machine

**PERFOSET E/T, ES/T** 26-27  
 Electric Text-Perforating Machines



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## PERNUMA PERFOSET I/T, II/T Text Perforating Machines

**for cancelling or marking forms, trade samples, labels, films or plastic cards, for securing original documents or for decorating letters by a company logo for example**

The following models for manual operation are available:

### PERNUMA PERFOSET I/T

with a max. capacity of about 15 sheets of 70 g paper up to 7 letters. The desired text is fixed. The max. text length may be up to 78 mm and the max. text height up to 24 mm. The insertion depth is about 75 mm.

### PERNUMA PERFOSET II/T

with a max. capacity of about 25 sheets of 70 g paper up to 7 letters. The desired text is fixed. The max. text length may be up to 118 mm and the max. text height up to 32 mm. The insertion depth is about 110 mm.

Up to 3 text lines fit in both models, depending on the character height.

If you should work with permanent changing texts/terms the model

### PERNUMA PERFOSET II/TA

is to be considered with a max. capacity of 25 sheets of 70 g paper as well up to 7 letters. Complete words are located on metal slides which can be exchanged easily and fast one against each other.

The insertion depth is 110 mm.

The machines are equipped with an adjustable side and rear gauge in general in order to facilitate an exact positioning of the perforation.

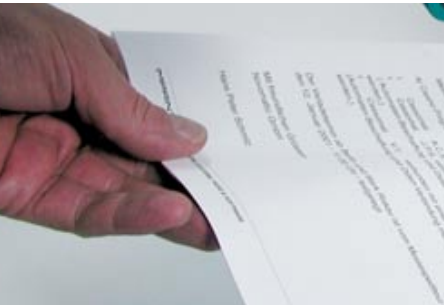
The standard character heights are 6, 8 or 10 mm.

All machines can be equipped with a safety lock preventing unauthorized persons from working with them.

### Important

When ordering a perforating machine please let us always know where on the forms the text should appear so that it appears legible.

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## PERNUMA PERFOSET I/T, II/T

### Text Perforating Machines

#### Technical Data

PERNUMA PERFOSET	I/T	II/T, II/TA
Capacity max.	15 sheets 70 g paper	25 sheets 70 g paper
Insertion depth	75 mm	110 mm
Net weight	6,7 kg	11,7 kg
Gross weight	7,5 kg	13,0 kg
Packaging dimensions:		
Perfoset I/T	43 x 34 x 20 cm	
Perfoset II/T,II/TA	52 x 33 x 23 cm	

ORDERED

Figure height 6 mm, pin Ø 0.8 mm

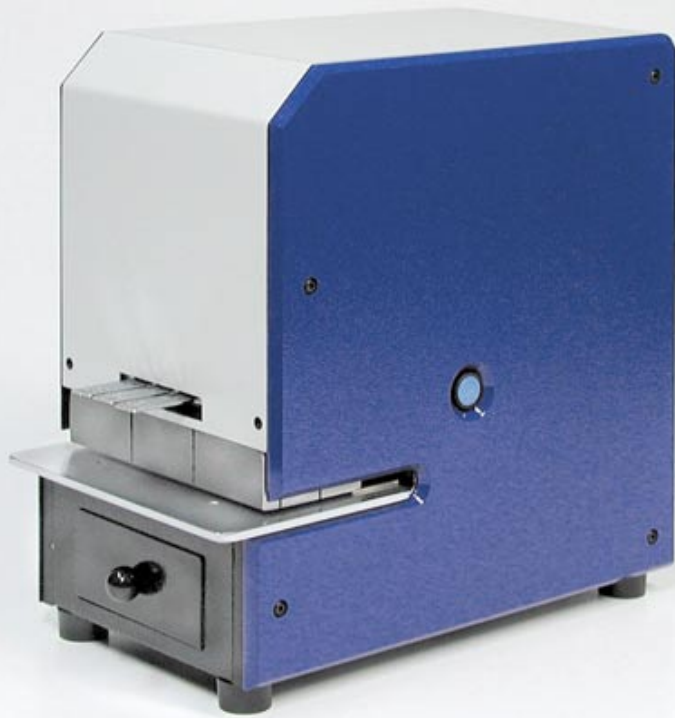
ORDERED

Figure height 8 mm, pin Ø 0.9 mm

ORDERED

Figure height 10 mm, pin Ø 1.1 mm

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**PERNUMA OFFICE D**  
 Electric Date Perforating Machine

This machine is supplied with a complete set of figure slides consisting of 18 pieces in its standard version in order to be able to perforate a 6-digit date. These so-called slides are small metal sticks which can very fast and easily be inserted into/respectively pulled out of the machine from the front of it.

Both models can contain 2 lines with a max. width of 80 mm each, for example a date and a fixed text above or below it or 2 lines of text.

The standard character heights are 6, 8 or 10 mm.

All perforating machines from our OFFICE series are equipped with an easy-to-exchange block-type-die-unit. The insertion depth is 42 mm.

Up to 20 sheets of 70 g paper can be perforated in one operation depending on the number of digits. The insertion height is 2 mm.

The perforation is effected by lateral fastened push-buttons. The main switch is at the rear of the machine.

All OFFICE machines can be supplied with a foot switch or a safety lock.

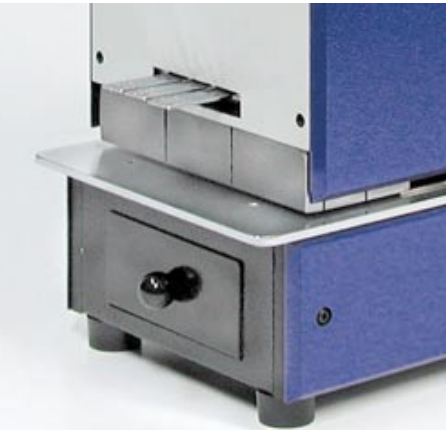
In case of order please always state where on the forms the impression is required so that it appears legible.

**PERNUMA OFFICE T**  
 Electric Text Perforating Machine

This machine is manufactured with a fixed text of your choice.

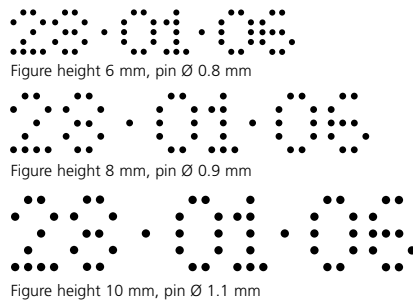


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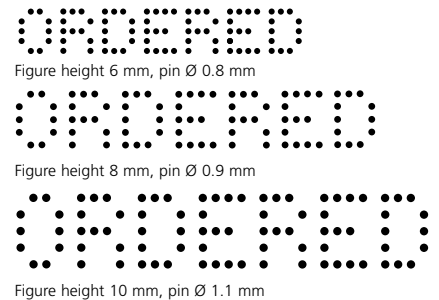
**PERNUMA OFFICE D**  
 Electric Date Perforating Machine

Technical Data	PERNUMA OFFICE D
Type of current	230 V/50 cps (direct current) special voltage upon request
Insertion depth	42 mm
Machine dimensions	(D) 31.5 cm (W) 15.4 cm (H) 29.0 cm
Packaging dimensions	(D) 54.0 cm (W) 39.0 cm (H) 33.0 cm
Net weight	18 kg
Gross weight	20.5 kg



**PERNUMA OFFICE T**  
 Electric Text Perforating Machine

Technical Data	PERNUMA OFFICE T
Type of current	230 V/50 cps (direct current) special voltage upon request
Insertion depth	42 mm
Machine dimensions	(D) 31.5 cm (W) 15.4 cm (H) 29.0 cm
Packaging dimensions	(D) 54.0 cm (W) 39.0 cm (H) 33.0 cm
Net weight	18 kg
Gross weight	20.5 kg



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## PERNUMA PERFOSET E/T, ES/T Electric Text Perforating Machines

**for quick and easy cancelling or marking of documents, samples, labels, films, or plastic cards, without any effort.**

Our powerful electric text perforating machines were designed for high demands.

They are equipped with a permanent text of your choice. The standard version includes up to 7 letters.

Up to 3 lines with respective lengths of up to 110 mm can be fitted one below the other.

Our standard character heights are 6, 8, or 10 mm.

To enable exact positioning of the imprint on the forms, the machines are by standard equipped with adjustable side and rear gauges.

Insertion depth is 105 mm, from edge of paper to center of perforation.

### PERNUMA PERFOSET E/T

This machine is equipped with a powerful and modern NC motor.

The perforation is released by pressing the push button on the side of the machine.

Using 10 letters with a character height of 8 or 10 mm you can perforate 25 – 30 sheets of 70g paper in one operation. Even with 20 letters, the capacity is still at 15 – 20 sheets of 70 g paper.

### PERNUMA PERFOSET ES/T

This electric high-performance text perforating machine is by standard equipped with an especially powerful gear, thus being suitable for continuous operation.

The perforation is released by the standard foot switch. Model PERFOSET ES/T is one fixed unit on metal stand.

The capacity is 25 – 30 sheets of 70g paper at up to 10 letters with a character height of 8 or 10 mm. Even at 30 letters with these character heights, you can still perforate approx. 25 sheets of 70g paper in one operation.

### Important

When placing your order, please include information as to where the perforation is to be done on the forms, in order for the imprint to appear legible in the desired place.

### Available Special Versions:

- Models PERFOSET E/TA and high-performance model PERFOSET ES/TA with interchangeable text slides (complete words or terms can be interchanged) even multi-line texts possible
- Additional punch in front of or behind the fixed text
- Permanently installed perforated logo
- Condensed type
- Additional character heights (e.g. 12 or 15 mm; 40 mm max.)
- Available as corner perforating machine
- Available as line perforation machine (max. length of 110 mm)
- Extra-large machine (for total perforation width of more than 110 mm)

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## PERNUMA PERFOSET E/T, ES/T Electric Text Perforating Machines

### Technical Data

Drive:

Power supply:

Standard version:

Insertion depth, from paper edge  
 to center of perforation:

Standard character height:

Max. width of perforation:

Max. character height:

Max. capacity:

Net weight / Gross weight

Packaging:

Packaging dimensions:

### PERNUMA PERFOSET E/T, E/TA

Electric

AC 230 V

Special voltages possible

7 letter

105 mm

6 mm, 8 mm or 10 mm

110 mm

40 mm

ca. 25 – 30 sheets

70 g paper

28 kg / 30 kg

Carton

59 x 39 x 27 cm

### PERNUMA PERFOSET ES/T, ES/TA

Electric

AC 230 V or three-phase  
 current 230/400 V

Special voltages possible

7 letters

105 mm

6 mm, 8 mm or 10 mm

110 mm

40 mm

ca. 25 – 30 sheets

70 g paper

90 kg / 140 kg

Wooden case

120 x 49 x 92 cm



Figure height 6 mm, pin Ø 0.8 mm



Figure height 8 mm, pin Ø 0.9 mm



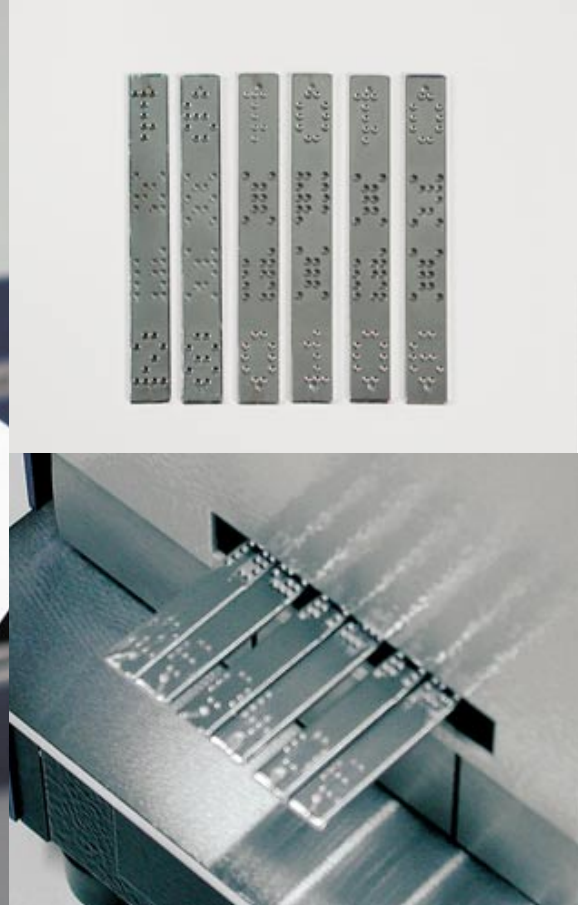
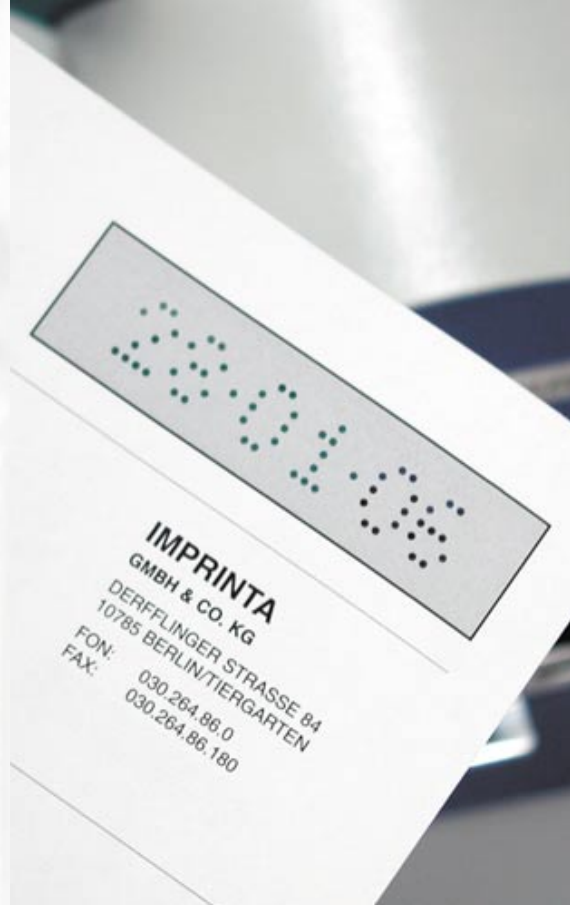
Figure height 10 mm, pin Ø 1.1 mm

### Possible Supplements

- Foot switch (PERFOSET E/T and PERFOSET E/TA)
- Automatic release
- Counter (for counting number of completed perforations)
- Security lock (preventing from use by unauthorized persons)
- Table (PERFOSET E/T and PERFOSET E/TA)
- Fixed or special gauges
- Automatic roll transport



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## Date-Perforating Machines

**PERFOSET I/D, II/D** 29-30  
 Date Perforating Machines  
 for Manual Operation

**OFFICE D** 31-32  
 Elektric Date Perforating Machine

**PERFOSET E/D, ES/D** 33-34  
 Elektric Date Perforating Machines

**2000 E/D** 35  
 Heavy-Duty Electric Date Perforating  
 Machine





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## PERNUMA PERFOSET I/D, II/D Date Perforating Machines

**for marking forms, labels, films or packagings by a date or by changeable letter and/or number combinations**

The machines are supplied with 18 figure slides for a 6 digits date in their standard version.

These so-called slides are small metal sticks which can very fast and easily be inserted into/respectively pulled out of the machine from the front of it.

There are two hand-operated machines in our manufacturing programme as described below:

### PERNUMA PERFOSET I/D

Up to 15 sheets of 70 g paper can be perforated in one operation.

The insertion depth is 75 mm (from the paper margin up to the middle of the impression).

Instead of a date the machine is available with an arbitrary number of digits in one line (letters or figures) within a max. width of 74 mm.

### PERNUMA PERFOSET II/D

Up to 25 sheets of 70 g paper can be perforated in one operation.

The insertion depth is 110 mm (from the paper margin up to the middle of the impression).

Instead of a date the machine is available with an arbitrary number of digits in one line (letters or figures) within a max. width of 108 mm.

The standard figure heights are 6, 8 or 10 mm.

Both models are equipped with an adjustable side and rear gauge in order to facilitate an exact positioning of the perforation.



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## PERNUMA PERFOSET I/D, II/D Date Perforating Machines

These machines are available also

- with an additional fixed text line above or below the slide device (with PERFOSET I/D in 6 or 8 mm height only). Our model PERFOSET II/D can be equipped with an additional text line above as well as below the date.
- with a safety lock preventing unauthorized persons from working with the machine.

### Technical Data

PERNUMA PERFOSET	I/D	II/D
Insertion depth	75 mm	110 mm
Net weight	6,7 kg	12,2 kg
Gross weight	7,5 kg	13,5 kg

Packaging dimensions:

Perfoset I/D	43 x 34 x 20 cm
Perfoset II/D	52 x 33 x 23 cm



Figure height 6 mm, pin Ø 0.8 mm



Figure height 8 mm, pin Ø 0.9 mm

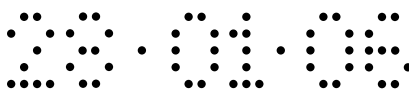
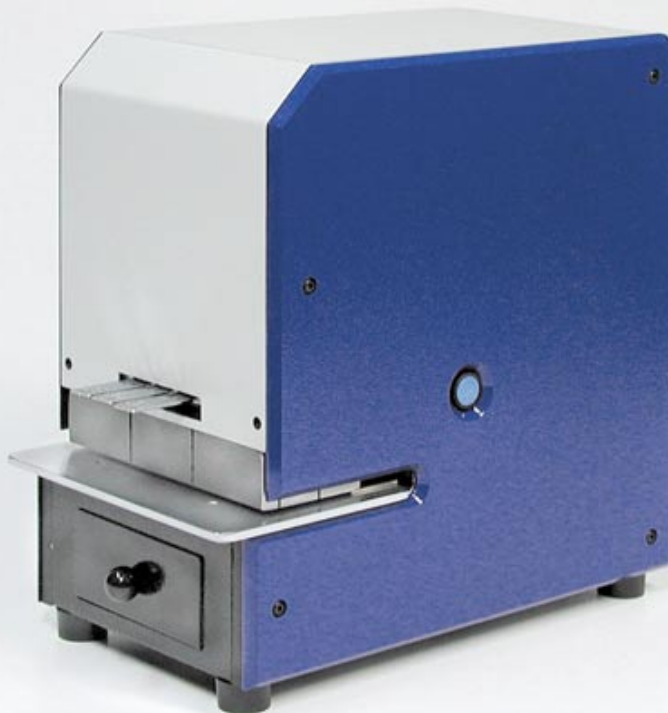


Figure height 10 mm, pin Ø 1.1 mm

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**PERNUMA OFFICE D**  
 Electric Date Perforating Machine

This machine is supplied with a complete set of figure slides consisting of 18 pieces in its standard version in order to be able to perforate a 6-digit date. These so-called slides are small metal sticks which can very fast and easily be inserted into/respectively pulled out of the machine from the front of it.

Both models can contain 2 lines with a max. width of 80 mm each, for example a date and a fixed text above or below it or 2 lines of text.

The standard character heights are 6, 8 or 10 mm.

All perforating machines from our OFFICE series are equipped with an easy-to-exchange block-type-die-unit. The insertion depth is 42 mm.

Up to 20 sheets of 70 g paper can be perforated in one operation depending on the number of digits. The insertion height is 2 mm.

The perforation is effected by lateral fastened push-buttons. The main switch is at the rear of the machine.

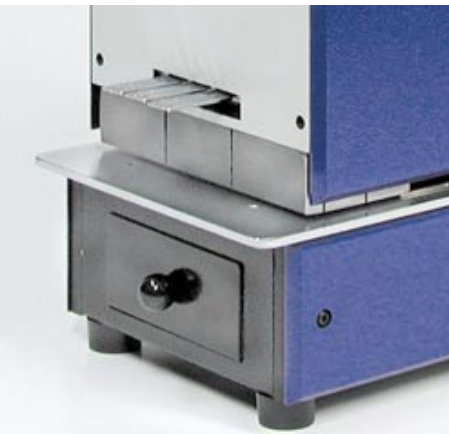
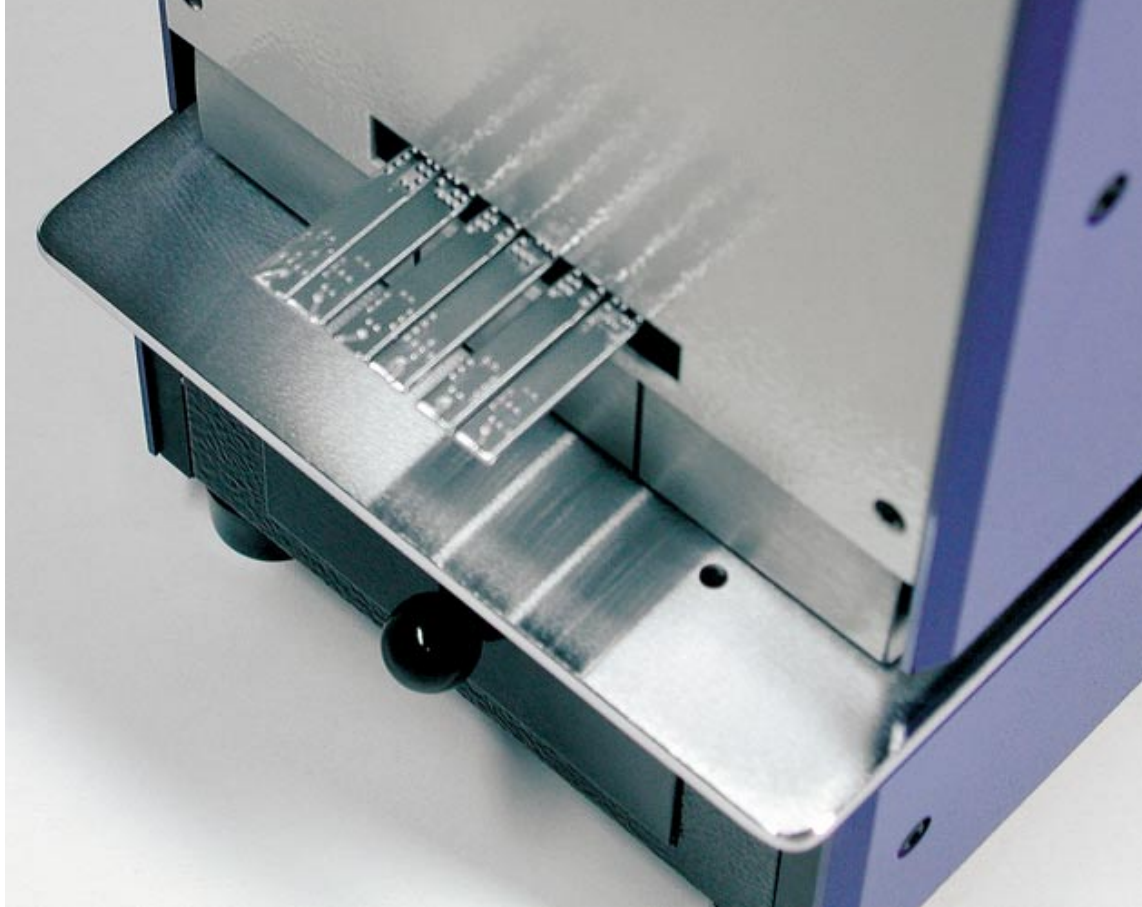
All OFFICE machines can be supplied with a foot switch or a safety lock.

In case of order please always state where on the forms the impression is required so that it appears legible.

**PERNUMA OFFICE T**  
 Electric Text Perforating Machine

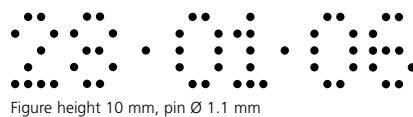
This machine is manufactured with a fixed text of your choice.

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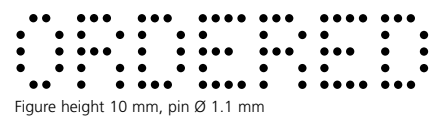
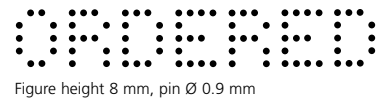
**PERNUMA OFFICE D**  
 Electric Date Perforating Machine

Technical Data	PERNUMA OFFICE D
Type of current	230 V/50 cps (direct current) special voltage upon request
Insertion depth	42 mm
Machine dimensions	(D) 31.5 cm (W) 15.4 cm (H) 29.0 cm
Packaging dimensions	(D) 54.0 cm (W) 39.0 cm (H) 33.0 cm
Net weight	18 kg
Gross weight	20.5 kg



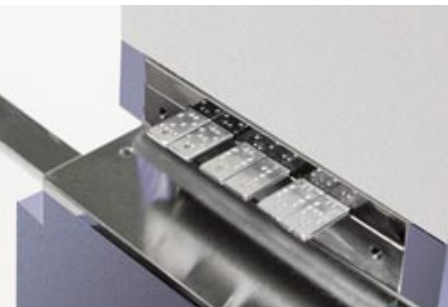
**PERNUMA OFFICE T**  
 Electric Text Perforating Machine

Technical Data	PERNUMA OFFICE T
Type of current	230 V/50 cps (direct current) special voltage upon request
Insertion depth	42 mm
Machine dimensions	(D) 31.5 cm (W) 15.4 cm (H) 29.0 cm
Packaging dimensions	(D) 54.0 cm (W) 39.0 cm (H) 33.0 cm
Net weight	18 kg
Gross weight	20.5 kg





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## PERNUMA PERFOSET E/D, ES/D Electric Date Perforating Machines

**for everlasting and secure marking of documents, labels, films or packagings by a date or changing combinations of letters and/or numbers – without applying any physical force.**

Our powerful electric date perforating machines were designed for high demands in the office or industrial sector.

Normally, they are delivered with 18 figure double slides for perforating a 6-digit date in one of our standard character heights of 6, 8 or 10 mm.

Instead of a date an arbitrary number of interchangeable letters or figures can be perforated in one line within a maximum width of 100 mm.

Additionally, a fixed text above the date as well as below may be fitted.

The machines are equipped with an adjustable side and rear gauge in order to enable an exact positioning of the impression on the forms.

The insertion depth is 105 mm (from the paper edge to the middle of the perforation).

### PERNUMA PERFOSET E/D

This model is fitted with a powerful and modern NC motor.

The perforation is released by pressing the push button at the side of the machine.

25 – 30 sheets of 70 g paper can be marked in one operation by a 10-digit perforation in 8 or 10 mm character height. Even with 20 characters the capacity is still 15 – 20 sheets of 70 g paper.

### PERNUMA PERFOSET ES/D

This electric high-performance perforating machine is fitted with an especially strong geared motor, thus being suitable for continuous operation.

The perforation is released by the foot-switch which belongs to the standard equipment.

The machine is mounted on a table.

The capacity is 25 – 30 sheets of 70 g paper with up to 10 digits in 8 or 10 mm character height. Even with 30 digits in those character heights you can still perforate about 25 sheets of 70 g paper in one operation.

### Important

When you place an order please always state the desired place for the perforation on your forms so that the impression appears legible.

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**Technical Data:**

Drive:

Motor

Standard version:

Insertion depth (from paper edge to the middle of impression):

Standard character height:

Max. width of perforation:

Max. capacity:

Net weight / Gross weight:

Packaging:

Packaging dimensions:

**PERNUMA  
PERFOSET E/D**

Electric

AC 230 V  
special voltage possible

6-digit date

105 mm

6, 8 oder 10 mm

100 mm

approx. 25 – 30 sheets  
of 70 g paper

28 kg / 30 kg

carton

59 x 39 x 27 cm

**PERNUMA  
PERFOSET ES/D**

Electric

AC 230 V or three-phase  
current 230/400 V  
special voltage possible

6-digit date

105 mm

6, 8 oder 10 mm

100 mm

approx. 25 – 30 sheets  
of 70 g paper

90 kg / 140 kg

wooden case

120 x 49 x 92 cm

**Extra Equipment:**

- Foot switch (PERFOSET E/D)
- Automatic release
- Stroke counter (for counting number of perforations completed)
- Safety lock (preventing unauthorized persons from working with the machine)
- Table
- Fixes or special gauges

- An additional punch before or behind the date
- A perforated logo before or behind the date (depending on the size)
- Automatic roll transport
- A fixed text above, below, before or behind the date
- Bigger or special character sizes
- Condensed type
- Extra-large machine (for a total perforation width of more than 100 mm).

Technical data and design subject to change.  
PERFOSET E/D, ES/D - E - 01/07 - Printed in Germany



Figure height 6 mm, pin Ø 0.8 mm



Figure height 8 mm, pin Ø 0.9 mm

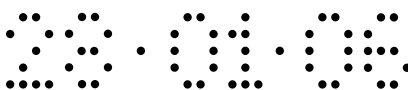


Figure height 10 mm, pin Ø 1.1 mm

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## PERNUMA 2000 E/D

### Electric Heavy-Duty-Perforating Machine with Interchangeable Slides

The electric desk-top perforating machine PERNUMA 2000 E/D is suitable for a wide variety of perforating applications. For example, it is possible to perforate a date in combination with numbers, or numbers in combination with letters. A fixed text above and below the date may be fitted. Apart from that, a large number of special models are available.

A new motor-gearbox unit reduces the number of the individual machine components and increases its efficiency compared to previous models.

The most outstanding features of this machine is its exceptional ease of operation and its smooth-running, quiet motor. This makes it possible to use a PERNUMA 2000 E/D in banks, at teller's desks, and in offices.

#### Easy of Operation

The perforation is released by a foot switch. This allows an easy one-hand operation. In a figure height of 8 or 10 mm up to 30 sheets of paper of 70 g may be perforated in one operation, depending on the length of the text and on the thickness of the paper.

In order to carry out the perforation in exactly the same place on a document each time, the machine is fitted with adjustable side and rear gauges by standard.

#### Setting the Perforation Pattern

The actual perforation can be set or modified to any number/letter combination simply by inserting the appropriate slides. The selected numbers and letters are visible to the user.

#### Character Size and Total Width of Perforation

The standard character heights of the PERNUMA 2000 E/D are 6 mm, 8mm, or 10 mm. The maximum total width of perforation is 100 mm, this corresponds to between 12 and 14 slide positions in 8 mm height, all after the style of the numbers, letters, or symbols used.

#### PERNUMA 2000 E/D

Due to its versatile application possibilities as a numbering, date and text perforating machine together with the high efficiency of the smooth, quiet motor-gearbox unit the PERNUMA 2000 E/D is a modern office machine with outstanding features:

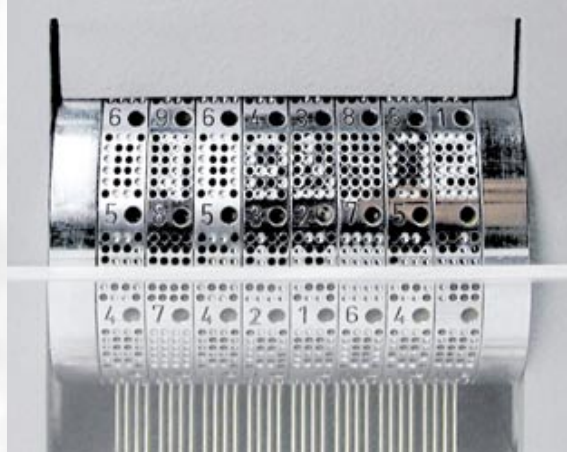
- robust all-metal design
- powerful (550 Watt) 220/230 Volt AC motor
- high perforation speed with fast and easy setting of numbers and characters,
- up to 12 or 14 slide positions possible in a row (up to 100 mm total width)
- perforating die unit - easy to change or to replace

#### Optional

Security lock, Automatic release, Counter

#### Technical Data

	<b>PERNUMA 2000 E/D</b>
Motor:	230 V / 50 cy (AC)
Motor-Capacity:	550 Watt
Perforation	
Character Height:	6, 8 oder 10 mm
Width of perforation:	max. 100 mm
Insertion depth:	app. 42 mm
Performance	
Number of sheets per stroke:	up to 30 sheets 70 g paper
Weight:	
Net / Gross:	app. 38.5 kg / app. 50 kg
Dimensions:	
Width x Depth x Height:	18.7 x 54.0 x 29.5 cm
Packing Dimensions:	
Width x Depth x Height:	36 x 66 x 40 cm



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## Number-Perforating Machines

**PERFOSTAR I, II** 37-40  
 Perforating Machines with Adjustable  
 Wheels for Manual Operation

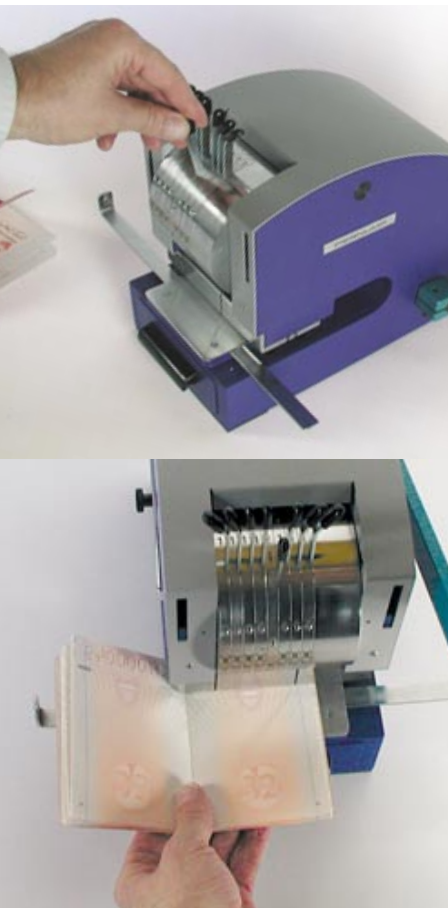
**OFFICE Z** 41-42  
 Electric Number-Perforating Machine

**PERFOSTAR E, ES** 43-46  
 Electric Perforating Machines  
 with Adjustable Wheels

**COMPUSTAR** 47  
 PC-Controlled Number- and  
 Letter Perforating Machine



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## PERNUMA PERFOSTAR I, II

Manually operated perforating machines with adjustable wheel block

**For permanent and indelible marking in one operation. Forms, labels, receipt blocks, documents, passports, etc. can be marked for example with a date, a number or a designation.**

The machines from this series are recommended for perforations consisting of a frequently changing combination of numbers or letters or if markings of variable length or design are required. The machines are manufactured according to your specifications.

The wheels may contain numbers, letters or symbols and in most cases an additional blank space with which unused digits are excluded from perforation inserting a blank space instead.

In the standard version the machines are manufactured with 6 wheels in a figure height of 5.5, 6.5, 7, 8.5 or 10 mm.

The standard equipment comprises adjustable rear and side gauges.

Up to 3 lines one below the other can be perforated in one operation; a firm text can be installed above or below, in front of or behind the wheel block.

With 6 digits in 7, 8.5 or 10 mm character height, the capacity is about 25 sheets of 70 g paper.

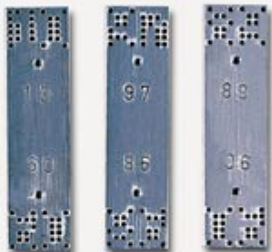
### Important

In case of order please state whether the perforation is to appear in the top or in the bottom of forms. For example, if the lower edge of the document is being perforated, the die unit and wheels are manufactured upside down and in mirror face thus allowing the perforation to appear legibly.





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## PERNUMA **PERFOSTAR I, II**

Manually operated perforating machines with adjustable wheel block

### PERFOSTAR I

With a character height of 7 or 8.5 mm, up to 12 digits can be adjusted quickly and comfortably via the wheel block; with a character height of 5.5 or 6.5 mm, even up to 15 digits. A character height of 10 mm allows still 10 digits side by side.

The desired imprint can be placed up to 100 mm from the upper or lower edge – measured from the edge of the forms to the centre of the perforation.

### PERFOSTAR II

With a character height of 7 or 8.5 mm, up to 16 digits can be adjusted quickly and comfortably via the wheel block; with a character height of 5.5 or 6.5 mm, even up to 20 digits. A character height of 10 mm allows still 14 digits side by side.

Moreover it is possible to fix above or below the wheel block an adjustable date or an interchangeable text. Both lines can then be easily modified by changing the corresponding slides.

The desired imprint can be placed up to 110 mm from the upper or lower edge – measured from the edge of the forms to the centre of the perforation.

Following models are available:

### PERFOSTAR I/Z, II/Z

Manually adjustable number perforators with up to 6 wheels, each with numbers 0 – 9 and blank space in the standard version, equipped with fixed levers.

### PERFOSTAR I/D, II/D

Date perforators with 6 number wheels in the standard version, equipped with fixed levers. After the 2nd and 4th position there are firm dots or blank spaces, as per your requirements.

### PERFOSTAR I/A, II/A

Number perforating machines with automatic consecutive numbering. The standard version comprises up to 6 number wheels (all wheels without blank space).

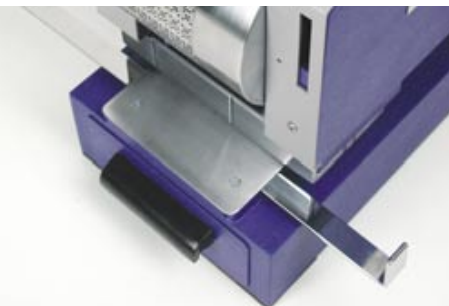
After each completed perforation, the subsequent number is adjusted automatically. In special version, the same number can be skipped also after 2, 3 or 4 perforations. Upon request, the automatic consecutive numbering can be switched off.

The automatic wheels are manually set by a removable adjusting pin.





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**Following special configurations are available:**

- character heights of 12, 15 or 20 mm
- condensed writing allowing more digits
- alphabetic wheels (at a character height of up to 8.5 mm, the complete alphabet fits onto one wheel)
- alphanumeric wheels
- fixed text above, below, in front of or behind the wheel unit
- exchangeable text above and/or below the wheel unit: complete words or terms as well as single letters or numbers, on easily exchangeable slides, can be interchanged (only possible for PERFOSTAR II)
- date above or below the wheel unit, adjustable via slides (only possible for PERFOSTAR II)
- additional logo
- blank spaces
- fixed or special gauges

**Possible supplements:**

- stroke counter (counting completed perforations)
- security lock (preventing unauthorized use)

**Technical Data**

	<b>PERNUMA PERFOSTAR I</b>	<b>PERNUMA PERFOSTAR II</b>
Standard version	6 number wheels	6 number wheels
Standard character heights	5.5, 6.5, 7, 8.5 or 10 mm	5.5, 6.5, 7, 8.5 or 10 mm
Maximum capacity	25 sheets 70 g paper	25 sheets 70 g paper
Insertion depth from paper edge to perforation centre	approx. 100 mm	approx. 110 mm
Max. perforation width	84 mm	110 mm
Weight net / gross	21 kg / 23 kg	28 kg / 30 kg
Machine dimensions	32 x 15 x 23 cm	37 x 19 x 32 cm
Packing	carton	carton
Carton dimensions	54 x 26 x 33 cm	59 x 27 x 39 cm





0123456789

5.5 mm condensed, matrix 3 x 5, pin Ø 0.8 mm

0123456789

5.5 mm, matrix 4 x 5, pin Ø 0.8 mm

0123456789

6.5 mm condensed, matrix 3 x 6, pin Ø 0.8 mm

0123456789

6.5 mm, matrix 4 x 6, pin Ø 0.8 mm

0123456789

7 mm condensed, matrix 3 x 5, pin Ø 0.9 mm

0123456789

7 mm, matrix 4 x 5, pin Ø 0.9 mm

0123456789

8.5 mm condensed, matrix 3 x 6, pin Ø 0.9 mm

0123456789

8.5 mm, matrix 4 x 6, pin Ø 0.9 mm

0123456789

8.5 mm, matrix 4 x 5, pin Ø 1.1 mm

0123456789

10 mm condensed, matrix 3 x 6 dots, pin Ø 1.1 mm

0123456789

0123456789

10 mm, matrix 4 x 6, pin Ø 1.1 mm

0123456789

10 mm, matrix 4 x 5, pin Ø 1.25 mm

0123456789

12 mm condensed, matrix 3 x 6, pin Ø 1.25 mm

0123456789

0123456789

12 mm, matrix 4 x 6, pin Ø 1.25 mm

0123456789

0123456789

12 mm, matrix 4 x 5, pin Ø 1.8 mm

0123456789

0123456789

15 mm condensed, matrix 3 x 6, pin Ø 1.8 mm

**PERNUMA PERFOSTAR I, II**  
 Perforating samples: digits

0123456789

15 mm, matrix 4 x 6, pin Ø 1.8 mm

0123456789

20 mm condensed, matrix 3 x 6, pin Ø 2.3 mm

0123456789

20 mm, matrix 4 x 6, pin Ø 2.3 mm

**PERNUMA PERFOSTAR I, II**  
 Perforating samples: letters

ABCDEFGHIJKLMN OPQRSU Z

6,5 mm, matrix 4 x 6, pin Ø 0.8 mm

NTUWXYZ

6,5 mm, matrix 5 x 6, pin Ø 0.8 mm

ABCDEFGHIJKLMN OPQRSU Z

8,5 mm, matrix 4 x 6, pin Ø 0.9 mm

NTUWXYZ

8,5 mm, matrix 5 x 6, pin Ø 0.9 mm

ABCDEFGHIJKLMN OPQRSU Z

8,5 mm condensed, matrix 3 x 6, pin Ø 0.9 mm

ABCDEFGHIJKLMN

10 mm, matrix 4 x 6, pin Ø 1.1 mm

NTUWXYZ

10 mm, matrix 5 x 6, pin Ø 1.1 mm

ABCDEFGHIJKLMN OPQRSU Z

10 mm condensed, matrix 3 x 6, pin Ø 1.1 mm



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## PERNUMA OFFICE Z Electric Number Perforating Machine

This machine is equipped with 6 number wheels in its standard version.

According to the character height the machine can be supplied with more than 6 wheels. The max. width of the impression may be up to 80 mm.

The 12-piece wheels are available with the figures from 0 – 9 as well as a blank position and a character of your choice or even with letters.

The desired figure or letter combination is set by a pin. Due to the small wheels the adjustment of each wheel may require several pin settings.

The model OFFICE Z can be used to perforate a date as well, for example "28.01.06".

The perforation is effected by lateral fastened push-buttons. The main switch is at the rear of the machine.

Our standard character heights are 5.5, 6.5, 7, 8.5 or 10 mm.

The machine is equipped with an easy-to-exchange block-type-die-unit. The insertion depth is 42 mm.

Up to 20 sheets of 70 g paper can be marked in one operation depending on the number of digits.

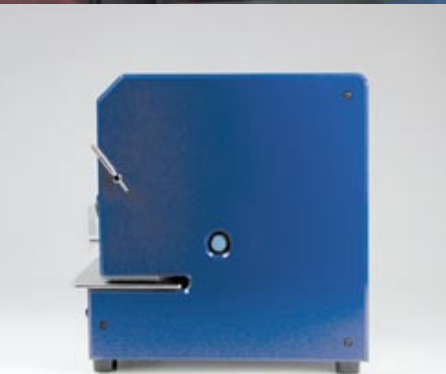
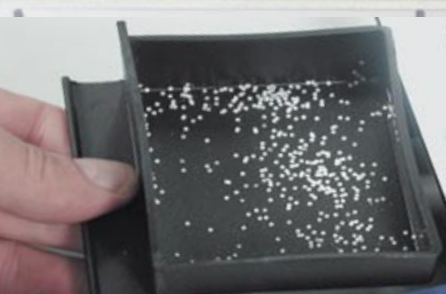
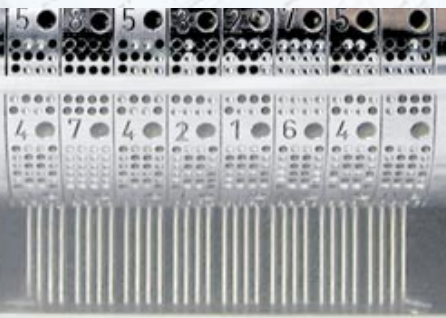
The insertion height is 2 mm.

The machine can be supplied with a foot switch or a safety lock.

### Important

In case of order please let us always know where on the forms the impression is required so that it appears legible.

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**PERNUMA OFFICE Z**  
 Electric Number Perforating Machine

**Technical Data** PERNUMA OFFICE Z

Type of current	230 V/50 cps (direct current) special voltage upon request
Insertion depth	42 mm
Machine dimensions	(D) 31.5 cm (W) 15.4 cm (H) 29.0 cm
Packaging dimensions	(D) 54.0 cm (W) 39.0 cm (H) 33.0 cm
Net weight	18 kg
Gross weight	20.5 kg

0 1 2 3 4 5 6 7 8 9

Character height 6.5 mm, Pin Ø 0.8 mm

0 1 2 3 4 5 6 7 8 9

Character height 8.5 mm, Pin Ø 0.9 mm

0 1 2 3 4 5 6 7 8 9

Character height 10 mm, Pin Ø 1.1 mm



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## PERNUMA PERFOSTAR E and PERNUMA PERFOSTAR ES Electric Perforating Machines with Adjustable Wheels

**for permanent and indelible marking, dating or labelling of multiple documents or labels in one single operation or for numbering sets of forms, receipt blocks, passports etc.**

The machines from this series are highly recommended, if you want the perforation to consist of a frequently changing combination of numbers and/or letters or if there is a need for markings of variable length or design. They are individually manufactured according to your request.

At a character height of 7 or 8.5 mm, up to 16 characters in line can be adjusted quickly and comfortably via the wheels' unit. At a character height of 5.5 or 6.5 mm even up to 20 characters, whereas at 10 mm height still 14 characters are possible.

The wheels can include numbers, letters, or symbols, and in most cases also an additional blank space which excludes unused digits from perforation, inserting a space instead.

You can perforate up to 3 lines in a column in one single operation: A fixed text can be installed above or below, as well as in front of or behind the wheels. Additionally, a date or a changeable text can be fixed above as well as below the wheels' unit. Both lines can be altered quickly via easily exchangeable slides.

In their standard configuration, these machines are manufactured with up to 6 number wheels and a character height of 5.5, 6.5, 7, 8.5 or 10 mm. By standard, they are delivered with one each adjustable side and rear gauge.

The desired imprint can be placed up to 105 mm from the upper or lower edge of the sheet – measured from the edge of the form to the center of the perforation.

### Please note

When placing your order, please provide information to whether the desired imprint is to appear in the upper or lower part of the forms. For example, if the lower edge of the sheet is being perforated, both die unit and wheels are manufactured upside down and in mirror face, in order for the perforation to appear legible.





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## PERNUMA **PERFOSTAR E** Electric Perforating Machines with Adjustable Wheels

Our robust and efficient electric machines are equipped with a modern NC motor. In case a bigger stack of paper is inserted which does not correspond to the capacity of the specified machine, the machine will automatically return to its original position. Thus, the paper to be perforated is prevented from getting stuck in the machine.

In one perforation process, you can mark 25 – 30 sheets of 70 g paper with a combination of up to 10 letters or numbers with a character height of 7, 8.5 or 10 mm.

Even with 20 digits of the same character heights, the capacity of these machines is still at 15 – 20 sheets of 70 g paper.

Perforation is released by pressing the push button on the side of the machine.

The following models are available:

### **PERFOSTAR E/Z**

with up to 6 wheels (each with numbers 0 – 9 and blank) in the standard version, with fixed levers.

### **PERFOSTAR E/D**

with 6 wheels (each with numbers 0 – 9 and blank) in the standard version and a fixed point or a space after digit 2 or 4. There are adjusting levers attached to these wheels.

### **PERFOSTAR E/A**

This model's standard version contains up to 6 automatically and consecutively progressing number wheels (without a blank space!). After each completed perforation, the subsequent number is set automatically.

Special versions are available in which the machine shifts after every second, third or fourth operation. The automatic consecutive numbering can be switched off if desired.

Manual setting of the automatic wheels is done via a removable pin.





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## PERNUMA **PERFOSTAR ES** Electric Perforating Machines with Adjustable Wheels

Furthermore our electric machines can be delivered in a high-performance version. They are equipped with an especially powerful gear motor and thus suitable for continuous operation.

Perforation is released via the foot switch which is part of the standard equipment.

The machines are fixed on a metal stand.

With these machines, 25 – 30 sheets of 70 g paper can be marked in one operation with a combination of up to 20 numbers or letters with a character height of 7, 8.5 or 10 mm.

Even with 30 digits of these character heights, you can still perforate about 25 sheets of 70 g paper.

The following models are available:

### **PERFOSTAR ES/Z**

With up to 6 wheels (each with numbers 0 – 9 and blank) in the standard version, with fixed levers attached to these wheels.

### **PERFOSTAR ES/D**

With 6 wheels (each with numbers 0 – 9 and blank) in the standard version and a fixed point or a space each after digit 2 or 4. There are levers attached to these wheels.

### **PERFOSTAR ES/A**

With up to 6 automatically and consecutively progressing number wheels (without a blank space!). After each completed perforation, the following number is adjusted automatically.

Special versions are available in which the machine shifts after every second, third or fourth operation. The automatic consecutive numbering can be switched off, if desired, and the numbers can be set manually.

Setting the automatic wheels is done via a removable pin.

For perforating passports, this model is equipped with a special adjusting table (see next image) and easily removable block-type die unit.



**Technical Data**

	PERNUMA PERFOSTAR E	PERNUMA PERFOSTAR ES
Drive	Electric	Electric
Motor	AC 230 V special voltages possible	AC 230 V or three-phases current 230/400 V special voltages possible
Standard version:	6 wheels with numbers	6 wheels with numbers
Standard character heights:	5,5, 6,5, 7, 8,5 or 10 mm	5,5, 6,5, 7, 8,5 or 10 mm
Maximum capacity:	25 -30 sheets 70 g paper	25 -30 sheets 70 g paper
Insertion depth, from paper edge to center of perforation:	approx. 105 mm	approx. 105 mm
Max. width of perforation:	112 mm	112 mm
Weight net / gross:	32 kg / 34 kg	90 kg / 140 kg
Packaging:	carton	wooden case
Packaging dimensions:	59 x 39 x 27 cm	120 x 49 x 92 cm



**PERNUMA PERFOSTAR ES**

Electric Perforating Machines with Adjustable Wheels

Special Configurations and Possible Supplements

**The following special configurations are available:**

- Character heights of 12, 15 or 20 mm
- Condensed type, for getting more digits into the machine
- Alphabetic wheels (at a character height of up to 8.5 mm the complete alphabet fits onto one wheel)
- Alphanumeric wheels
- Fixed text above, below, in front of or behind the wheels' unit
- Replaceable text above and/or below the wheels' unit (complete words or terms as well as single letters or numbers, contained on easily replaceable slides, can be interchanged)
- Date above or below the wheels' unit, adjustable via slides
- One additional logo
- Spaces between wheels
- Fixed or special gauges
- Extra-large machine (for imprints of more than 110 mm of length)
- Reel suspension (and automatic belt transport)



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## PERNUMA COMPUSTAR PC-Controlled Number- and Letter Perforating Machine

With the model PERNUMA COMPUSTAR number- and letter combinations can be perforated which can be fed in via a connectable PC or directly via a supplied keyboard. The adjustment of the wheels can also be effected through a barcode-reader or similar devices.

Each of the max. 16 perforating wheels is driven by its own servo-motor integrated in the wheels-unit and contains 39 different characters: The letters from A – Z, the figures from 1 – 9 (whereof the zero and the letter "O" are the same), a blank position as well as 3 further characters of your choice.

Before each perforation the adjusted number- and letter combination can be read on an alphanumeric display (optional available) and taken down by a daybook-printer with the date and the time.

A starting and a final value as well as the position and length of the desired character order can be programmed.

The alignment of the perforation can be effected either to the left- or to the right-hand side. With an automatic numbering function all or only even or only uneven figures can be adjusted which can be perforated in a rising or falling order and repeated as often as needed.

With the model PERNUMA COMPUSTAR automatic date and time perforations can be made.

The machine can be manufactured with max. 3 lines. Only the characters of the line in the middle are individually adjustable.

The character heights are 5.5, 6.5, 7, 8.5 or 10 mm.

After the machine has been adjusted automatically the perforation is effected by a paper-sensor, a micro-switch or a foot switch.

The machine is equipped with an easy-to-exchange block-type-die-unit. The insertion depth is 42 mm.

The max. speed is 20 perforations per minute.

The capacity that can be achieved depends as well on the number of digits as well as on the character height. The more digits the machine comprises the more the capacity is appropriately reduced. With 10 wheels up to 18 sheets of 70 g paper can be marked in one operation. The insertion height is 1.8 mm.

When the machine is stopped the last configuration of the wheels-unit remains the same.

### Technical Data PERNUMA COMPUSTAR

#### Type of current

alternating current	230 V/50 cps
three-phase current	400 V/50 cps
special voltage upon request	

#### Machine dimensions

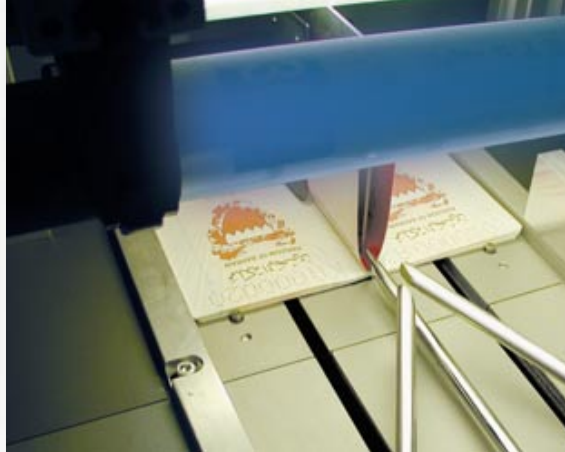
Height	36.0 cm
Width	22.6 cm
Depth	46.0 cm

#### Weight

Net / Gross Weight	55 kg / 70 kg
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#### Interfaces

1 x (RS232) V 24 for PC or barcode connection
1 x for alphanumeric keyboard
1 x for foot-switch



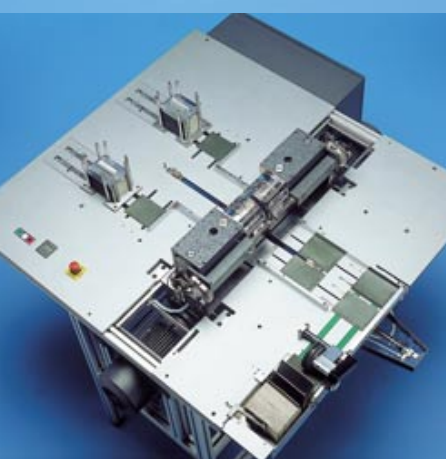
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## Passport Perforating and Numbering Systems

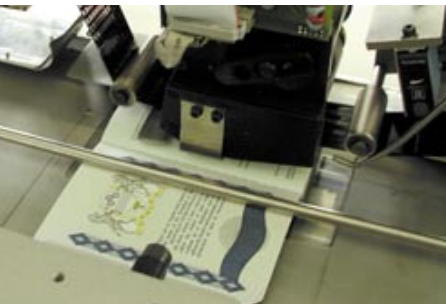
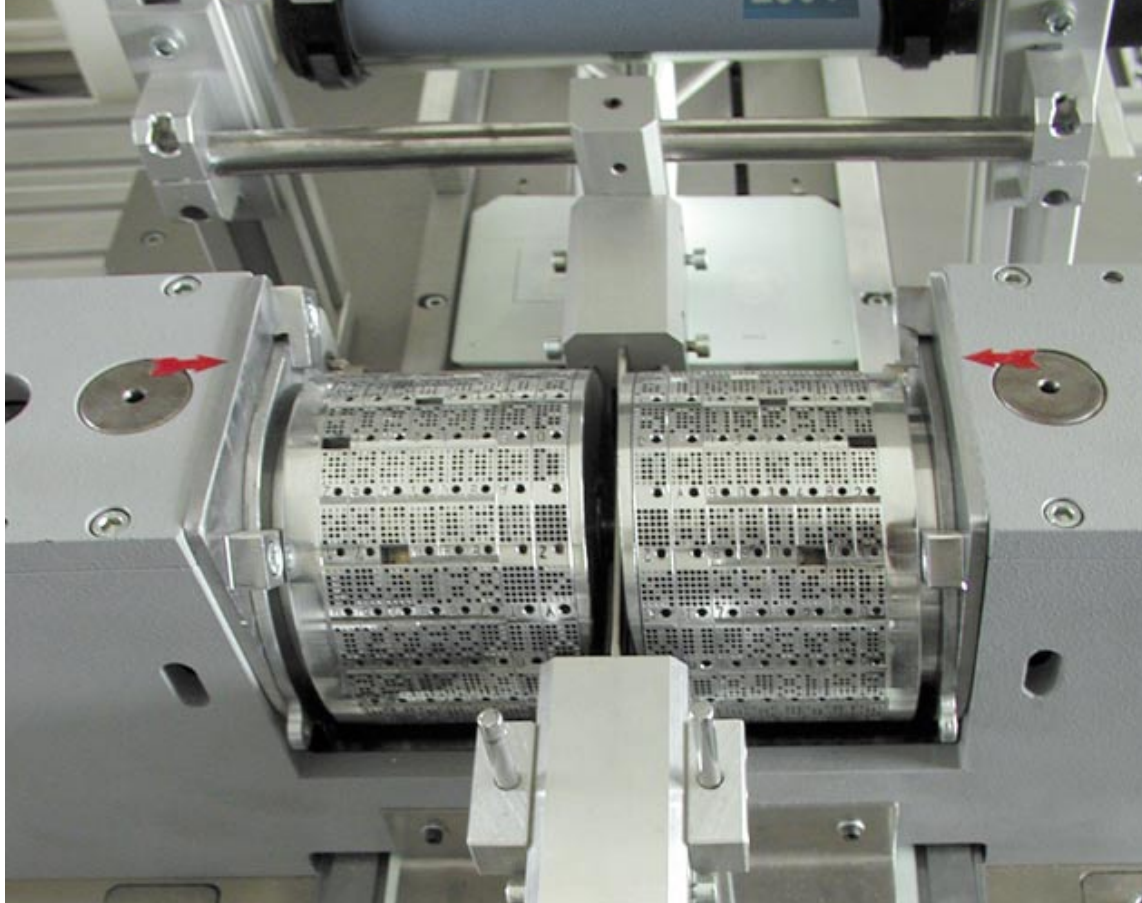
**PERFOREX** 49  
 Passport-Perforating System  
 with semi-automatic feed mechanism  
 and passport deposition

**PERFOREX** 50  
 Passport Perforating and Numbering  
 System with 16 Work Stations  
 (Produced on customer's request)





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## PERNUMA PERFOREX Passport Perforating and Numbering Systems

**The PERFOREX model is specially designed for perforating passports and other official documents.**

Four different versions of this universal perforating machine are available:

- as a single-head unit for installation in production transfer lines,
- as a single-head unit with manual feed mechanism
- as a dual-head machine with semi-automatic feed mechanism (refer to diagram),
- on special order, single-head or dual-head machine with customer-specified feeding systems, work stations and control units. For example, an additional numbering unit or an assorting station for defective documents.

### More Flexibility

The concept of a modular machine-structure with all its opportunities to combine the various stations with their defined mechanical or opto-electronical tasks like: feeding, opening, page turning, 180° opening, perforating, controlling, 360° turning, numbering, assorting, closing and deposition makes that the PERFOREX became one of the most universal machine for processing passports.

Depending on the complexity of the document, the necessary working steps are assembled in the form of modular stations until all marking requirements of the document are fulfilled.

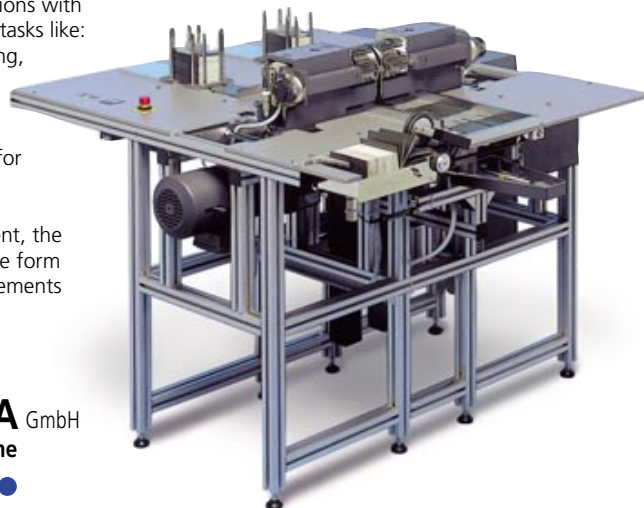
### User Friendly Operation

Due to the machine's open-type construction, replacement of the cutting tool and conversion to another type size or a different set of digits (wheels) are quick and simple operations. This makes the machine extremely easy to service

The sturdy drive and the self-lubricating column guide mechanisms of the punching unit make this machine almost maintenance-free.

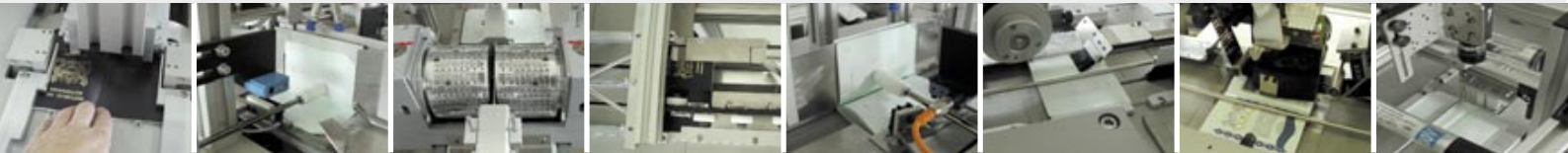
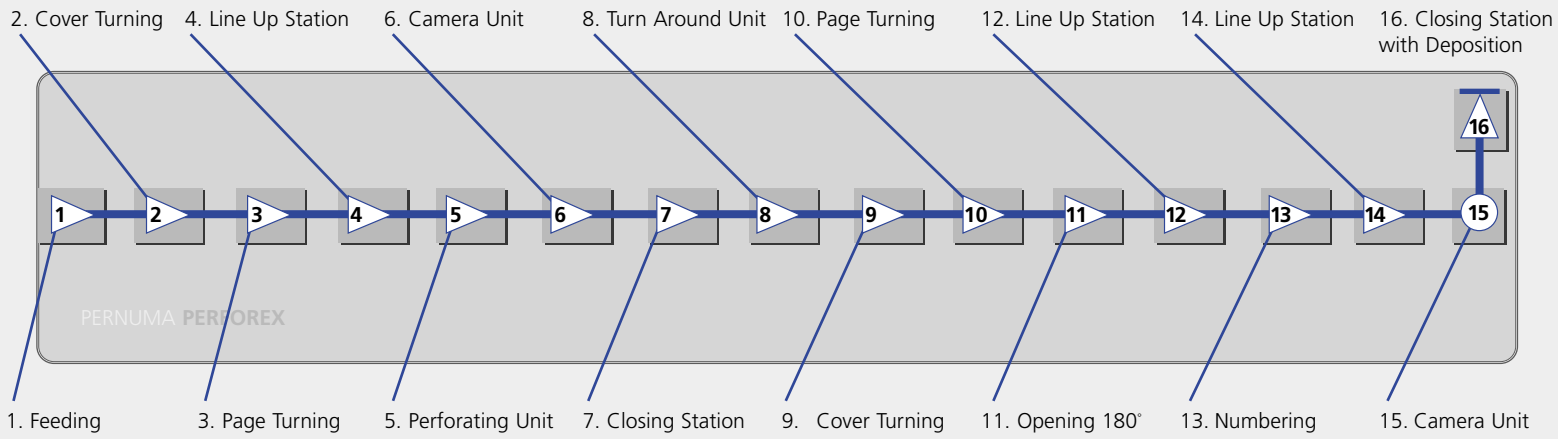
Perforating Speed approx. 20 strokes per minute.

### Dual-head machine with semi-automatic feed mechanism and passport deposition





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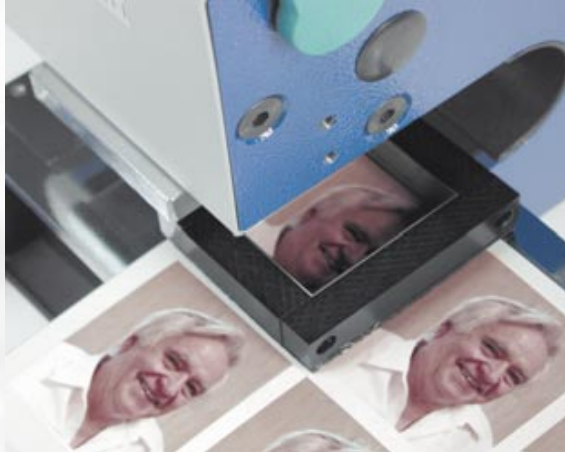


**PERNUMA PERFOREX**

Passport Perforating and Numbering System  
 with 16 Different Stations (Produced on Customer's Request)

- |                       |                            |
|-----------------------|----------------------------|
| 1. Feeding Unit       | 9. Cover Turning Unit      |
| 2. Cover Turning Unit | 10. Page Turning Unit      |
| 3. Page Turning Unit  | 11. Book Opening Unit 180° |
| 4. Line Up Station    | 12. Line Up Station        |
| 5. Perforating Unit   | 13. Numbering Unit         |
| 6. Camera Unit        | 14. Line Up Station        |
| 7. Closing Unit       | 15. Camera Unit            |
| 8. Turn Around Unit   | 16. Closing Station        |
|                       | with Deposition            |





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## Photo Cutter, Security Embossing Press

**PERFOSET I/F** 52  
 Photo Cutter

**PERFOSET I/R** 53  
 Security Embossing Press



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## PERNUMA PERFOSET I/F Photo Cutter

### accurate way

The hand-operated machine with an enlarged feeding-table is equipped with a die unit for cutting out photos with a size of 35 x 45 mm (with round or acute corners) in its standard version. Special sizes are available for an extra charge. Three plastic slides are enclosed with each machine.

For cutting-out the plastic slide with the photo on top of it and the cutting-knife positioned on the photo is inserted from the side into the machine.

The slide and the separate cutting-knife are making it possible to focus out exactly the right spot on the photo to be cut out.

The die unit can be exchanged without any problems at any time.

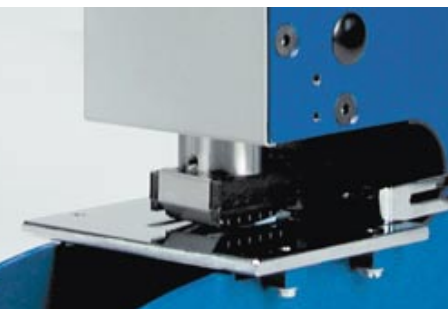
### Technical Data:

#### PERNUMA PERFOSET I/F

Net weight	6.2 kg
Gross weight	7.2 kg
Dimensions of packaging:	43 x 34 x 20 cm



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## PERNUMA PERFOSET I/R Security Embossing Press

**for securing photos in documents  
 and passports**

With the hand-operated machine photos are provided by 2 lateral embossed lines (with or without perforation holes) in one operation after being stuck in.

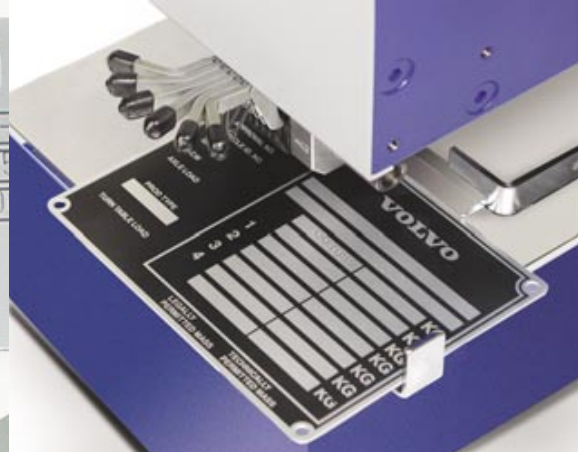
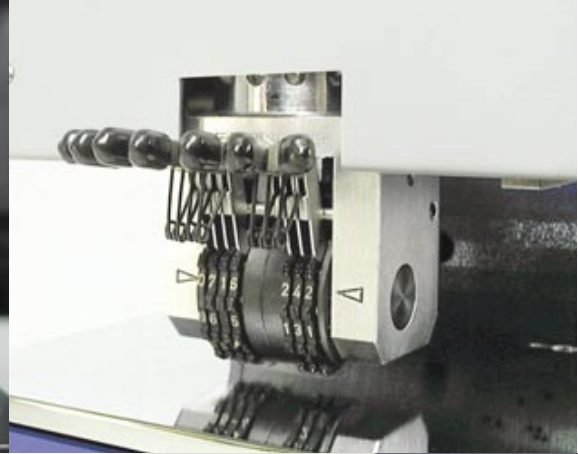
Photos marked in this way and additionally secured with glue or adhesive foil are forgery-proof. A later replacement would be immediately noticed.

### Technical Data:

#### PERNUMA PERFOSET I/R

Net weight	6.2 kg
Gross weight	7.2 kg
Dimensions of packaging:	43 x 34 x 20 cm

Technical data and design subject to change.  
 PERFOSET I/R - E - 01/04



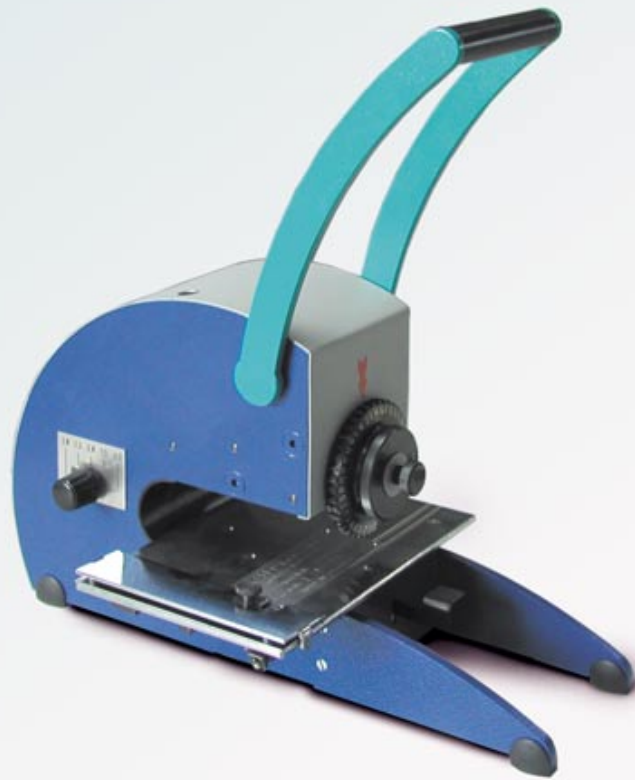
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## Number Embossing Machines

- MELALPRINT SP I, SP II** 55  
 Number Embossing Machines  
 for Manual Operation
- MELALPRINT MPI, MP II** 56  
 Number Embossing Machines  
 for Manual Operation
- MELALPRINT II,II** 57  
 Number Embossing Machines  
 for Manual Operation
- MELALPRINT E, ES** 58  
 Electric Number Embossing Machines



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## PERNUMA METALLPRINT SP I, SP II Name Plate Detail Marker

**Manual name plate detail marker in two sizes for multiple application in workshop and industrial areas.**

Perfect machines for marking of small and quickly changing number and letter combinations.

The feed table is equipped with a lateral clamping stop for the type plate and with line marks for feeding.

**Wheel on demand (interchangeable)**  
Engraving: A – Z; 0 – 9 / , - +

**Size of type**  
2,0; 2,5; 3,0; 3,5; 4,0; 4,5 or 5,0 mm

**Special design**  
1,0; 1,5; 5,5 + 6,0 mm

### Technical Data

Installation surface  
Height  
Depth of Throat  
Size of Plates  
Thickness of Plates  
Net Weight / Gross Weight  
Dimensions of Packaging

### Special Options

- Working table for key marking, for lock-cylinder marking, or for credit-card marking
- Colour marking into non-metallic plates by means of an automatic foil transport and special foils
- Feeding table with semi-automatic adjustment in x-/y-direction
- Feeding tables for extra large plates

Further models of number-embossing machines for various applications and the fitting numbering heads.

### PERNUMA METALLPRINT SP I

320 x 90 mm  
303 mm  
100 mm (approx.)  
140 x 90 mm (max.)  
3 mm (max.)

6,6 kg / 7,3 kg  
43 x 34 x 20 cm

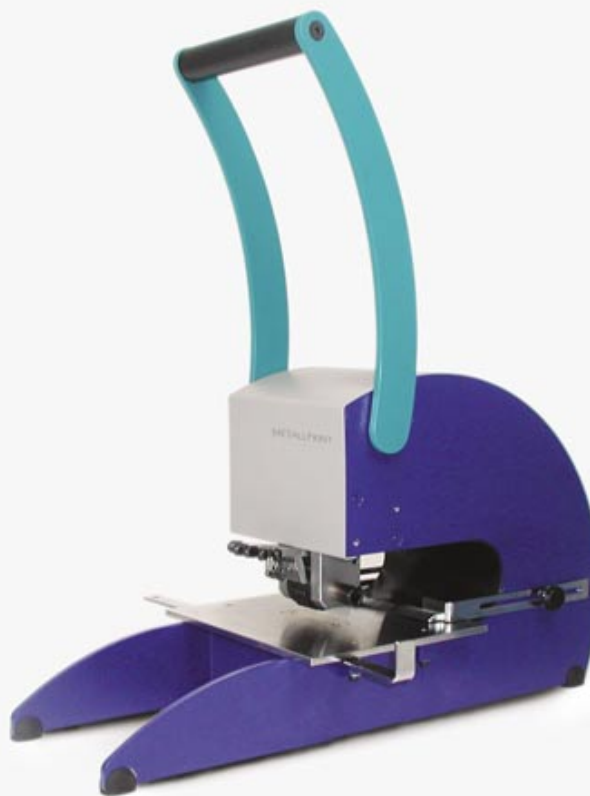
### PERNUMA METALLPRINT SP II

420 x 135 mm  
445 mm  
140 mm (approx.)  
180 x 130 mm (max.)  
4 mm (max.)

11,5 kg / 12,0 kg  
52 x 33 x 23 cm



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## PERNUMA METALLPRINT MP I, MP II Number Embossing Machines

**Embossing machine for manual operation for the marking of small number or letter combinations into cardboard, plastic, leather, aluminium, brass, or iron metals having a low density.**

The machines are available in two sizes, both sizes are suitable for fitting of small numbering heads with a figure height of max. 3 mm (MP I), resp. 5 mm (MP II), type holders or steel embossing stamps.

The machines are equipped with an adjustable side and rear gauge in order to facilitate an exact positioning of the embossing.

The embossing pressure can be adjusted to the thickness and kind of the various materials will be processed with these machines.

### Special Options

- Heating system
- automatic foil or ribbon transport for colour marking
- special feeding tables, feeding gauges or feeding parts for marking keys, locks, or lock cylinders (MP II only).

Further models of number-embossing machines for various applications and the fitting numbering heads.

### Technical Data

Fitting height  
 Size of table  
 Insertion depth  
 Stroke  
 Net weight.

### PERNUMA METALLPRINT MP I

48 mm  
 120 x 100 mm (approx.)  
 60 mm (approx.)  
 8 mm  
 7 kg (approx.)

### PERNUMA METALLPRINT MP II

58 mm  
 175 x 150 mm (approx.)  
 80 mm (approx.)  
 10 mm  
 13 kg (approx.)

Technical data and design subject to change  
 Metallprint MP I, MP II - E - 05/05



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## PERNUMA METALLPRINT I, II Number Embossing Machine

**Efficient embossing machines for manual operation for marking cardboard, plastic, film, leather, wood, aluminium, etc.**

The machines are available in two sizes, both sizes are suitable for fitting of a numbering head or a type holder.

The machines are equipped with an adjustable side and rear gauge in order to facilitate an exact positioning of the embossing.

In an optional version METALLPRINT I, II are available with quick-change-over device for using several numbering heads or type holders in the same machine (attention: modified fitting heights).

The embossing pressure can be adjusted to the thickness and kind of the various materials will be processed with these machines.

### Special Options

- Heating system
- automatic foil or ribbon transport for colour markings
- special feeding/insertion systems

Further models of number-embossing machines for various applications and the fitting numbering heads.

### Technical Data

Fitting height

Size of table

Insertion depth

Stroke

Net weight

### PERNUMA METALLPRINT I

58 mm (standard)

100 x 145 mm

55 mm (approx.)

9,5 mm

18 kg (approx.)

### PERNUMA METALLPRINT II

82 mm (standard)  
 resp. 102 mm (special)

130 x 172 mm

75 mm (approx.)

9,5 mm

28 kg (approx.)

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## PERNUMA METALLPRINT E/ES Embossing Machines

**Electric embossing machine for marking cardboard, plastic, leather, film, wood, aluminium, etc..**

Suitable for fitting of a numbering head (even a double numbering head) or a type holder.

In the standard version the machines are equipped with an adjustable side gauge and an adjustable rear gauge in order to facilitate an exact positioning of the embossing.

In special version the machine is available with a quick-change-over device - when several numbering heads or type holders are used in one machine (attention, modified fitting heights).

The embossing pressure can be adjusted to the thickness and kind of the various materials.

The embossing is released by the foot-switch which is a part of the standard equipment.

### Technical Data

Motor  
 Fitting height  
 Size of table  
 Insertion depth  
 Stroke  
 Net weight  
 Packing dimensions

### Pernuma METALLPRINT ES

Heavy-duty version of the METALLPRINT E with strong gear, metal stand and pedal release - for mass marking and continuous operation.

### Special Options Special Options

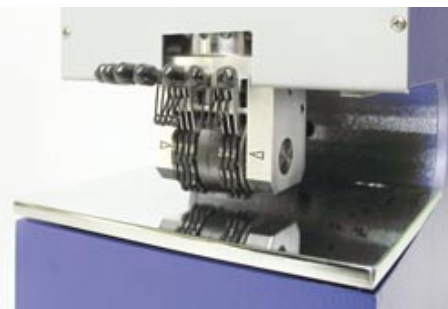
- Heating system for the numbering head
- automatic foil- or ribbon transport for coloured markings
- special feeding/insertion systems
- winding-on attachment
- automatic ribbon advance
- simultaneous punching and cutting of labels
- automatic feeding system

### PERNUMA METALLPRINT E

230 volts /50 cps  
 82 mm (standard)  
 102 mm (special)  
 130 x 172 mm (approx.)  
 75 mm (approx.)  
 7 mm  
 35 kg (approx.)  
 43 x 34 x 20 cm

### PERNUMA METALLPRINT ES

230 volts /50 cps  
 82 mm (standard)  
 102 mm (special)  
 130 x 172 mm (approx.)  
 75 mm (approx.)  
 7 mm  
 90 kg (approx.)  
 52 x 33 x 23 cm



Technical data and design subject to change  
 Metallprint E, ES - E - 01/07 -Printed in Germany