



## 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.

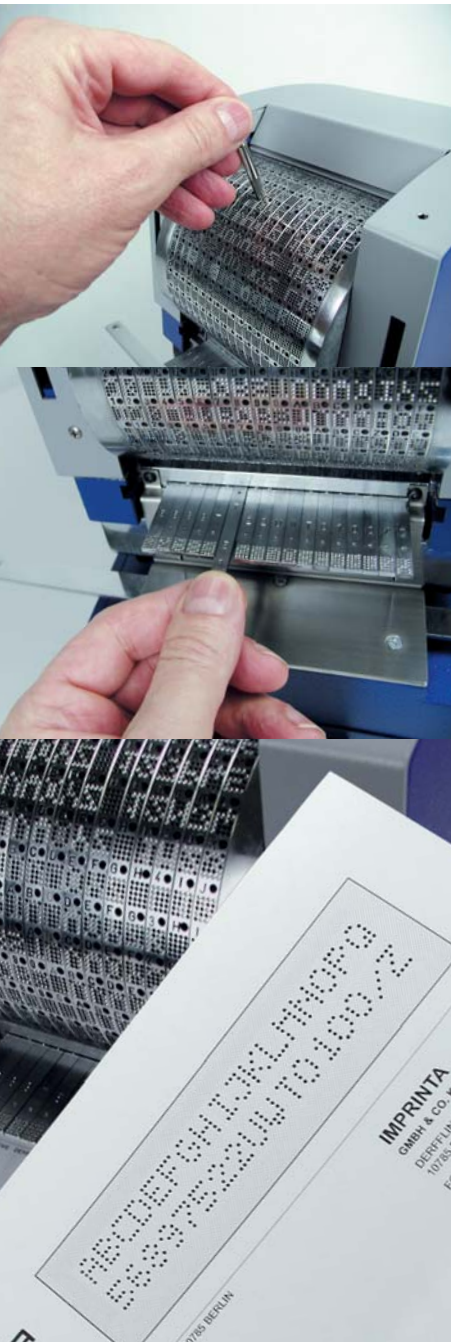
In their standard configuration, these machines are manufactured with up to 6 number wheels and a character height of 5.5, 6.5, 7, 8.5 or 10 mm. By standard, they are delivered with one each adjustable side and rear gauge.

The desired imprint can be placed up to 85 mm (PERFOSTAR E) alternatively 105 mm (PERFOSTAR ES) 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.





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

The model PERFOSTAR E is a very robust electric perforating machine for office use.

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/m<sup>2</sup> 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/m<sup>2</sup> paper.

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

### The following models are available:

#### PERNUMA **PERFOSTAR E/Z**

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

#### PERNUMA **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.

#### PERNUMA **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/m<sup>2</sup> 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/m<sup>2</sup> paper.

#### The following models are available:

##### PERNUMA 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.

##### PERNUMA 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.

##### PERNUMA 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:	230 V / 50 Hz special voltages on request	230 V / 50 Hz special voltage on request
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/m <sup>2</sup> paper	25 - 30 sheets 70 g/m <sup>2</sup> paper
Insertion depth, from paper edge to center of perforation:	ca. 85 mm	ca. 105 mm
Max. width of perforation:	112 mm	112 mm
Weight net / gross:	ca. 32 kg / 34 kg	ca. 90 kg / 140 kg
Packaging:	carton	wooden case
Packaging dimensions:	ca. 59 x 39 x 27 cm	ca. 120 x 49 x 92 cm



Foot switch



Automatic release



Stroke counter



## 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)

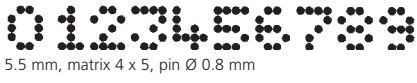
##### Possible supplements:

- Foot switch (models PERFOSTAR E/Z, E/D, E/A)
- Automatic release
- Table (models PERFOSTAR E/Z, E/D, E/A)
- Counter (for counting number of completed perforations)
- Security lock (to prevent from unauthorized use)
- Metal detector (to prevent paper clips or paper fasteners from being perforated)

**PERNUMA PERFOSTAR**  
**Perforating samples: digits**



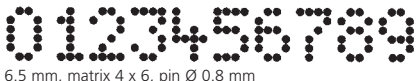
5.5 mm condensed, matrix 3 x 5, pin Ø 0.8 mm



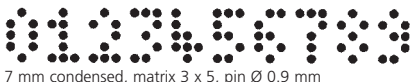
5.5 mm, matrix 4 x 5, pin Ø 0.8 mm



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



6.5 mm, matrix 4 x 6, pin Ø 0.8 mm



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



7 mm, matrix 4 x 5, pin Ø 0.9 mm



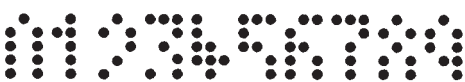
8.5 mm condensed, matrix 3 x 6, pin Ø 0.9 mm



8.5 mm, matrix 4 x 6, pin Ø 0.9 mm



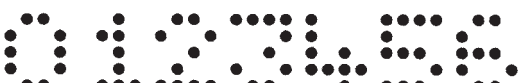
8.5 mm, matrix 4 x 5, pin Ø 1.1 mm



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



10 mm, matrix 4 x 6, pin Ø 1.1 mm



10 mm, matrix 4 x 5, pin Ø 1.25 mm



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



12 mm, matrix 4 x 6, pin Ø 1.25 mm



12 mm, matrix 4 x 5, pin Ø 1.8 mm



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



15 mm, matrix 4 x 6, pin Ø 1.8 mm



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



20 mm, matrix 4 x 6, pin Ø 2.3 mm

**PERNUMA PERFOSTAR**  
**Perforating samples: letters**



6,5 mm, matrix 4 x 6, pin Ø 0.8 mm



6,5 mm, matrix 5 x 6, pin Ø 0.8 mm



8,5 mm, matrix 4 x 6, pin Ø 0.9 mm



8,5 mm, matrix 5 x 6, pin Ø 0.9 mm



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



10 mm, matrix 4 x 6, pin Ø 1.1 mm



10 mm, matrix 5 x 6, pin Ø 1.1 mm



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