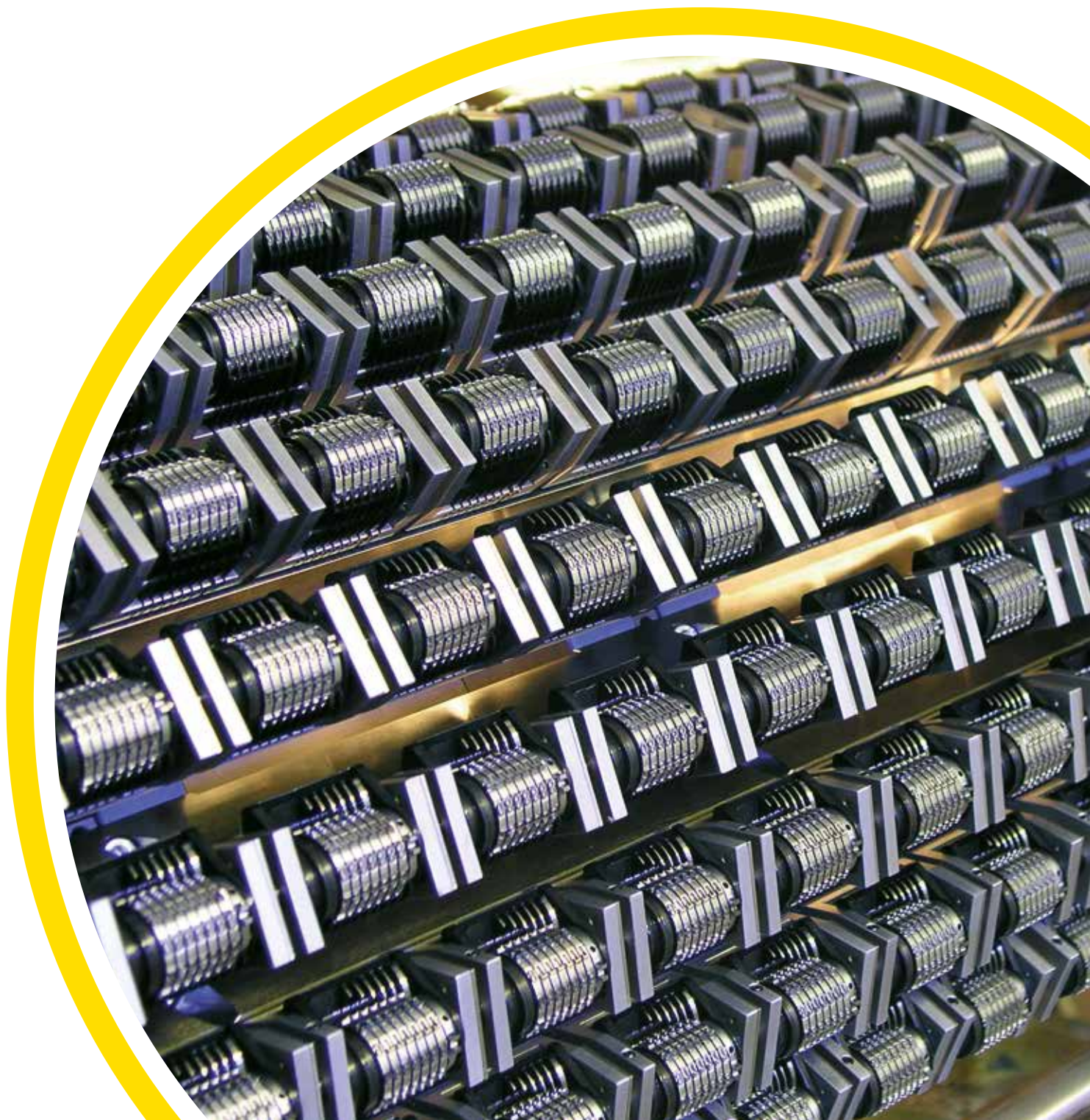


# Impact Numbering

Numbering Boxes for Security and Commercial Documents



## Atlantic Zeiser numbering boxes

Numbering demands a high degree of precision and the absolute maintenance of specified tolerances. Atlantic Zeiser offers with its wide range of numbering equipment a solution, from purely mechanical numbering boxes up to computer controlled, motor driven numbering machines.

Billions of security and non-security documents around the world are numbered with Atlantic Zeiser numbering box technology. If you are looking for sequential numbering with machine or visual readable fonts or 1D bar codes, Atlantic Zeiser has a solution. We also offer electronically monitored or controlled numbering boxes for non-sequential or random numbering.

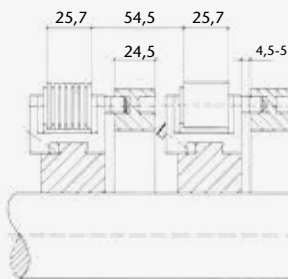
Numbering boxes are available either forward or backward counting and can be made with any kind of skip and unweighted modulus function.

### Model 100

Standard straight design,  
horizontal imprint,  
7 digits

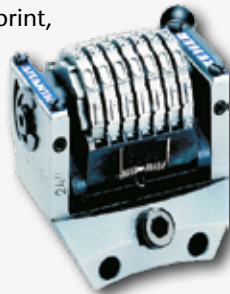


Mounting diagram

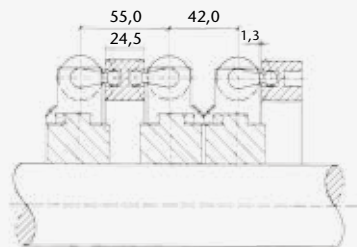


### Model 200

Standard convex design,  
vertical imprint,  
7 digits



Mounting diagram



### Model 300

Standard flat base design,  
horizontal imprint, 7 digits



### Adapter Model 502

Specially designed for use with  
model 300.  
Designed and available for any  
printing circumference.



### Standard Type Faces

No. 290 – 3/16" – 4.76 mm

**0123456789**

No. 290 – 4.0 mm

**0 1 2 3 4 5 6 7 8 9**

No. 235 – 4.0 mm

**0 1 2 3 4 5 6 7 8 9**

No. 290 – 3.5 mm

**0123456789**

No. 290 – 3.0 mm

**0 1 2 3 4 5 6 7 8 9**

No. 316 – E 13 B

**0 1 2 3 4 5 6 7 8 9 . : , ' " #**

No. 302 – OCR-B1

**0 1 2 3 4 5 6 7 8 9 < > \* + - / #**

No. 293 – CMC 7

**0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9**

No. 296 – OCR-A1

**0123456789JYH**

Special type face on request.

### K08

Compact numbering boxes for very small sized documents. The adapter design with the central drive mechanism allows very small distances between numbers laterally, as required on tax and excise stamps, labels and similar products.

Key Features:

- Smallest distances
- Optional pre-inking function
- Figure heights up to 3/16"



### Bar Code Numbering Machine

Most economical way of numbering documents with sequential bar codes is the use of mechanical bar code numbering machines. The consumable cost per bar code for UV or conventional letter press ink is a fraction compared to non-impact digital technology (laser or inkjet).

Key Features:

- Sequential numbering in high quality design
- Horizontal and vertical design
- High speed interact technology



### CRN/Direct Drive

Computer controlled fully flexible numbering

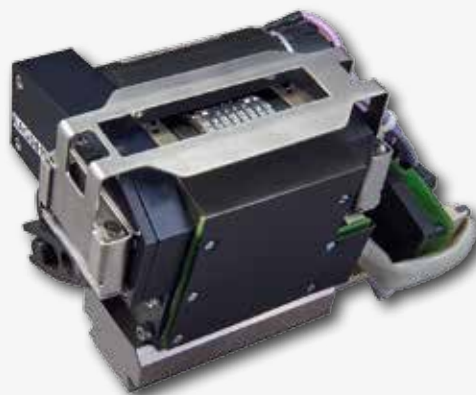
If non sequential numbering is the task, or if the numbering scheme contains jumps to optimize the finishing process, the patented CRN/Direct Drive technology is the solution.

With up to 53 digits, it offers a wide range of possibilities, and is used in applications like passports, banknotes, lottery tickets, cheques and other security documents.

Direct Drive boxes offer non-motor driven actuation with all digits computer controlled and operated.

Key Features:

- Fully flexible numbering
- Up to 53 digits
- Horizontal and vertical design
- All 53 digits are computer controlled

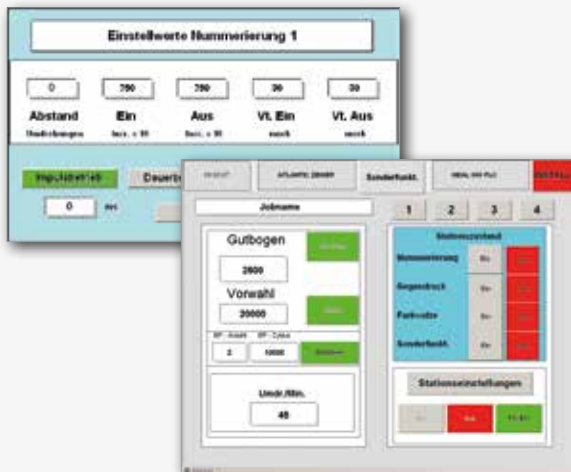


## NEAL 800 PLC

Controller for ON/OFF switching of numbering sequence, impression and inking rollers up to 4 stations at variable and during changing speed. From machine idle speed up to 600 rpm. Reduces setup time and waste.

### Key Features:

- ON/OFF function at variable speeds
- Optional control features (cancellation, batch separator, splice and end of real detection)
- Touch screen



## VERICAM

Automatic inspection technology

With Atlantic Zeiser's VERICAM, 100% data verification and print quality control becomes as easy as 1–2–3. VERICAM combines the proven, unmatched performance of our industry leading camera algorithms, with the most advanced graphical user interface available in the marketplace.

### Key Features:

- Easy to use
- Innovative functions
- Full touch screen support
- Automated setup

