

EBS | Innovation since 1977

**TIMBERMARK** 

PUNKT  
genau.



## **HANDJET EBS-250 D** TOP MARKS

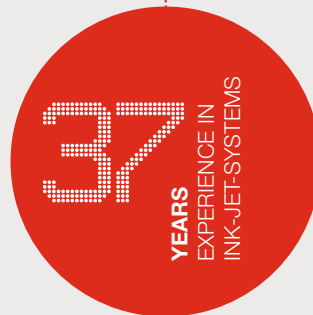
PORTABLE INK-JET PRINTING

# Portable Printing. In your Hands.

## Crystal Clear Marking & Coding

The Handjet EBS-250D - A revolutionary, technically innovative hand-held device for portable marking and coding applications.





# Reliable printing. For most every surface.

## Challenge: The Substrate.

Whatever surface needs to be marked or coded, the Handjet EBS-250D will print precisely and clearly. Concrete, metal, glass, textiles, plastic, cardboard or wood. You name it...the Handjet EBS-250 can mark it.

## Simple and versatile.

The Handjet EBS-250 is simple to operate: Messages are imported wirelessly and printed at the push of a button. Wheel guides adapt to the operators hand speed resulting in lightening fast, clear, easy-on-the-eye print.



# Clarity.

Many Surfaces – Many Solutions.



→ Rubber printed with white pigmented ink (ethanol); 4-wheel stabilizer.



→ Cut wood printed with black universal ink (ethanol); large spacing wheels.



→ Leather (imitation) printed with blue pigmented ink (MEK).



→ Food Stuffs printed with brown food grade ink (water/ethanol); large spacing wheels.



→ Carpeting printed with black universal ink (ethanol); 4-wheel stabilizer.



→ Aluminium printed with quick-drying ink (acetone); large spacing wheels.

# Best results.

The print remains clear and distinct.



- Concrete printed with special ink for stronger UV resistance; large spacing wheels.



- Ceramic printed with black universal ink (ethanol); metal spacing wheels for better grip.



- Cardboard printed with black universal ink (ethanol).



- Stretch Film printed with black universal ink (ethanol); large spacing wheels.



- Super Sacks (PE) printed with black quick-drying ink (acetone); large spacing wheels.



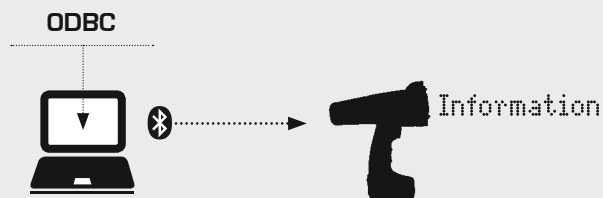
- Tool Steel printed with black universal ink (ethanol); metal spacing wheels for better grip.

# High Performance.

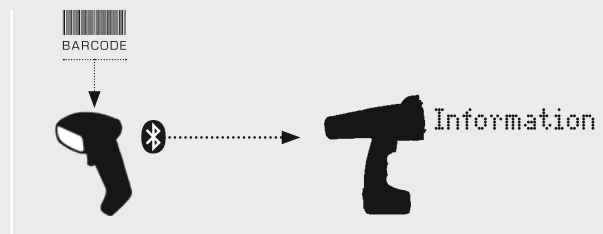
## Software: Simple.

The Windows™ based user-friendly software includes text, simple graphics, special symbols along with time, date, and counters. Messages are quickly transferred to the printer via wireless Bluetooth®. Up to 1300 characters per message - including a new feature of two lines of print - can be programmed, edited, and printed. The standard EBS-250D stores up the 10 messages, with an optional extended memory that stores up to 60 messages.

### Optional: Database



### Optional: Scan to Print



With the EBS-250D  
painless portable printing.

EBS' innovative engineering and pioneering imagination make the Handjet a real work horse. Printing heights from 7mm/0.28" (5x5 Matrix) to 27mm/1.06" (16x10 Matrix) give you the most flexibility of any portable printer ever produced.

5x5 7x5 12x7 16x10

**High Intensity**

Low Intensity

LINE1 LINE1 LINE1  
LINE2 LINE2 LINE2

THIR9 32R3UVER

NARROW PRINT



>>Database<<

STRETCH PRINT

中国欢迎您!

True Type

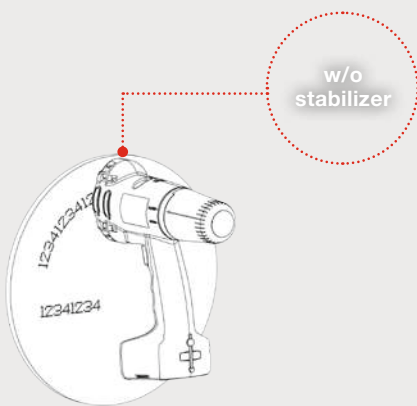


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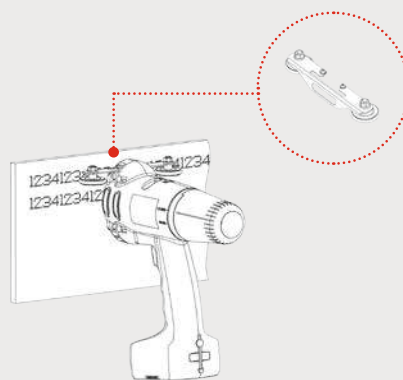
# Practical.

## Rough surface? Smooth sailing!

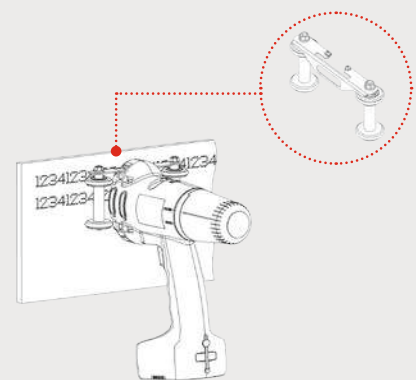
Substrates are a big challenge for any printer, but we make it easy. Round, curved or rough surfaces are easily navigated with the smart, optional stabilizers and guide wheels.



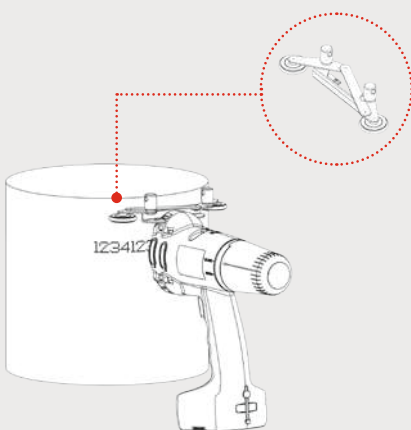
- **Universal:**  
Standard wheels included as standard. Optional: large spacing wheels; metal wheels.



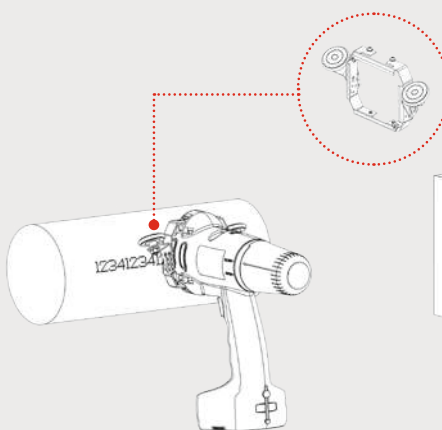
- **2-wheel stabilizer:**  
Optimizes the print result on straight surfaces, for printing in rows.



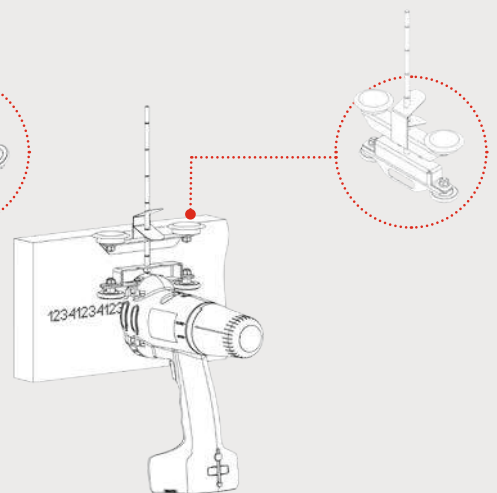
- **4-wheel stabilizer:**  
Good for straight or slightly soft surfaces or when especially smooth/slippery.



- **2-wheel scissor-stabilizer:**  
Especially for cylindrical objects in the vertical position. Diameter adjustable.



- **2-wheel frame-stabilizer:**  
Makes printing easy on pipes in the horizontal position. There are three distances to choose from.



- **4-wheel spacer:**  
Enables especially precise printing of rows via 5 adjustable gaps to the edge.



# So easy.

## Hardware: HighTech



Light as a feather, the printer weighs less than a kilogram (2.16 lbs.) including a full cartridge and battery. EBS constantly integrates sophisticated top technology, reducing size but increasing capability.

16 nozzles  
ruby stone  
nozzleplate,  
for efficient  
ink use\*<sup>1</sup>

Integrated  
deflector,  
reduces  
smears  
(patented)

Non-Contact Encoder

Mini-compressor

Ergonomic design & weight  
(only 980 grams)

Industrial Bluetooth®  
interface

Fiberglass  
strengthened  
housing

Patented industrial printer, compact and light

Processor, memory, real time clock

2-digit LED display (text number)

Ultracompact DISC filter for up  
to 200 cartridges

Removable ink cartridge  
(110 ml ≈ 110,000 characters  
with a 7x5 matrix)

Buzzer

Turbo-battery charge  
controller

High performance Li-Ion  
battery for up to 50 hours  
operating time

<sup>1</sup> For up to 4x more efficient ink use via optimized nozzle geometry.



# So good.



## Designed and built by EBS.

Operating the printer couldn't be more comfortable. Data is transferred to the printer via wireless Bluetooth®. The 2-digit display shows the text is use. The function key allows quick change between available texts. The innovative battery management enables constant printing for up to 50 hours per charge.

It prints fast, clean and legible – even over head, all with the pull of the trigger. The intelligent wheel guide adapts automatically to your speed. Error proof printing – easily done.

## Here you have the advantages:

- Nearly all surfaces
- Exactly what you want to print - no mess, drips or „extras“
- Quick, efficient and clean
- Light and cable-free
- Intuitive and user-friendly
- No base station required
- Cost effective
- Network up to 20 printers

## Rollcoder? Stamps? Stencils? Forget about it!

With the EBS-250D time-consuming printing is a thing of the past. Gone are unreadable, dripping or smudged prints. Regain your independence!

Out with the old...in with the NEW Handjet EBS-250!



**Rollcoder**



**Marker**



**Stencil**

# Shipped.

## Standard package.

- Transport case
- Printer HANDJET EBS-250D
- Spray bottle (empty)
- Power supply 24V/1A
- CD-ROM with user software and manual
- Industrial Bluetooth® USB-stick



## Accessories

- Memory extension  
30 or 60 textblocks
- Special Software for database transfer to printer
- Scan-to-Print software, on request also in a set with 2D barcode scanner at an attractive price
- Beltbag
- Various stabilisers

## For every purpose the right ink<sup>1</sup>.

Different surfaces, different areas of operation, different inks:  
printing on concrete requires e.g. different ink as foodgrade ink. Dark backgrounds require lighter pigmented inks, particularly smooth surfaces require especially quick-drying, adhesive colour.

# Inked.

## Water · Ethanol · Acetone · MEK



### ETHANOL BLUE

Universal ink for almost all surfaces, good contrast on light backgrounds/substrates



### ACETONE BLACK

Universal ink for almost all surfaces, quick-drying, good contrast on light backgrounds/substrates



### ETHANOL BROWN

Foodgrade ink for printing directly onto foodstuffs or printing of food packaging



### ETHANOL BLACK

Universal ink for almost all surfaces, heat-proof up to 250° for up to 40 sec.



### WATER RED

for porous surfaces, slight migration (e.g. for wood marking)



### ETHANOL RED

Foodgrade ink for printing on food packaging, good contrast



### MEK YELLOW, PIGMENTED

Universal ink for almost all surfaces, quick-drying, good contrast on dark backgrounds/substrates



### ACETONE WHITE, PIGMENTED

Universal ink for smooth surfaces, quick-drying, good contrast on dark backgrounds/substrates



### MEK BLUE, PIGMENTED

Universal ink for almost all surfaces, quick-drying, good contrast on dark backgrounds/substrates

... more inks upon request

<sup>1</sup> The relationship between ink-jet inks and substrates are subject to the laws of chemistry and physics – and naturally has limits. Please contact us for information regarding your specific application.

# Specified.

## Facts

<b>Number of nozzles</b>	16
<b>Nozzle diameter</b>	150 µm
<b>Print image height</b>	7 mm (0.28") - 27 mm (1.06")
<b>Height of object to be printed</b>	> 35 mm (1.38")
<b>Text separation</b>	selectable in successive lines
<b>Max. number of characters in printer memory</b>	13,000 (including control characters for implemented fonts)
<b>Memory blocks for projects</b>	10, optional 30 or 60 (the texts are loaded into the printer via PC)
<b>Special characters</b>	national, diacritical characters, graphical info-, warning and transport characters
<b>Power supply</b>	high performance 3 cell Li-Ion battery
<b>Operating time with full battery</b>	up to 50 hours with non stop printing at + 20°C (68°F), automatic low battery signal
<b>Recharging</b>	intelligent charge control with external charger DC 24V/1A charging time approx. 150 minutes or less
<b>Cartridge volume</b>	110 ml, capacity for > 110,000 characters (matrix 7x5) or 18,000 characters (matrix 16x10)
<b>Operating pressure</b>	0.3 bar up to 0.4 bar with internal mini-compressor
<b>Operating temp. range</b>	from +0,5°C (33°F) to +40°C (104°F)
<b>Storage temp. range</b>	-from +1°C (34°F) to +45°C (113°F) for printer with water ink -from -10°C (14°F) to +45°C (113°F) for printer with acetone or ethanol ink
<b>Humidity</b>	max. 95% without condensation (printing is possible even in the rain, on a dry surface)

## Features

<b>Working position of the printer</b>	any
<b>Graphics (Logo, graphical special character)</b>	standardwise texts and graphic symbols can be archived with Windows™-Fonts (True Type emulation). Own pictograms and logos can be created with the graphics editor of the included software (16x80 pixel) or via .bmp file (16x200 Pixel, black and white).
<b>Special register</b>	date, time, expiry date, incremental and decremental counter, universal counter
<b>Printer programming</b>	- wireless connection (range up to 50m/165 feet) - text- and parameter processing software, compatible with Windows™ XP/Vista/7/8 - wireless networking of up to 20 printers, controlled from one single PC
<b>Speed encoder</b>	printoutput regulated by encoder in the lower guide wheel
<b>Ink</b>	available in easily replaceable cartridges, ink based on ethanol, acetone, MEK or water in different colors. One ink, one Handjet. It is not recommended to change ink type.

**EBS** | Innovation since 1977



Plant Nümbrecht - Germany

## EBS | Competence and innovation since more than 37 years.

Since 1977, EBS GmbH Germany has been a leader in industrial coding equipment. Our early development and pioneering innovations in ink-jet technology are still being used world wide.

Today EBS has become an international producer and operates a family owned multi-national business. We run branch offices and plants in Europe, USA and China and co-operate with numerous partner companies world wide.

More than 200 people develop and produce the range of EBS products in Germany and Poland. We continue to set global standards for quality, innovation, technological leadership and service.

Our high performance products can be found in more than 60 countries, with more than 160 distributors, dealers and OEM's.

We would like to welcome you as our new customer.

**[www.ebs-inkjet.de](http://www.ebs-inkjet.de)**

Your Dealer

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Subject to technical changes.

