SPOT ON...

HANDJET EBS-250 D
TOP MARKS

PORTABLE INK-JET PRINTING
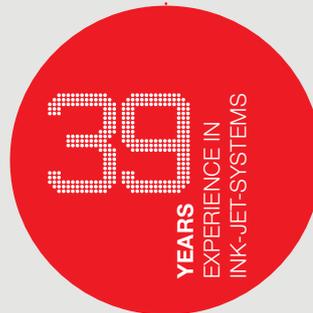
EBS®
Ink-Jet Systeme

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.

39 YEARS EXPERIENCE IN INK-JET-SYSTEMS

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

ODBC

Information
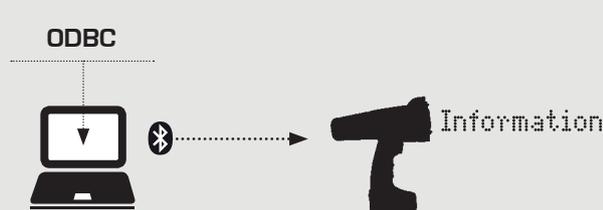
Optional: Scan to Print

BARCODE

Information
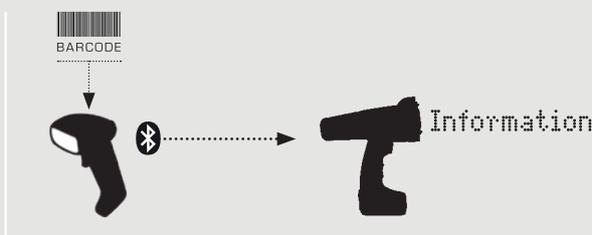
With the EBS-250D painless portable printing.

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

THIRD REVERSE PRINT
NARROW PRINT

>>Database<<
STRETCH PRINT
中国欢迎您!
True Type
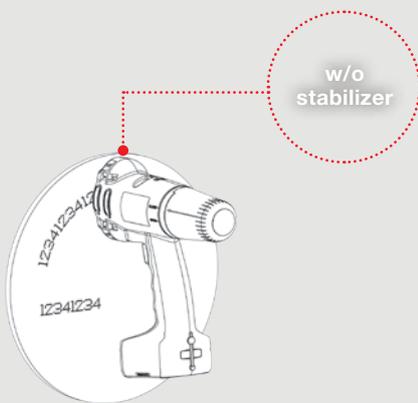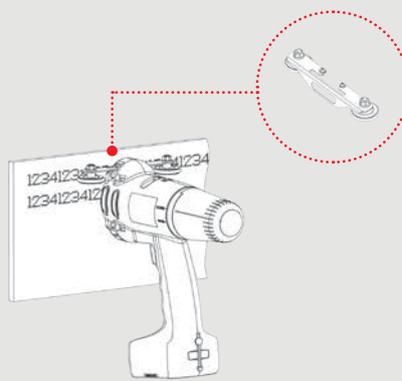<LOGO>

TOWERPRINT

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 stablizers and guide wheels.
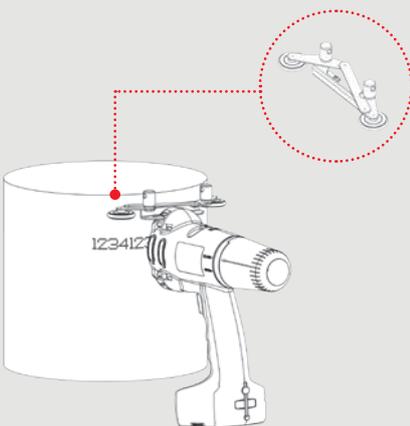
w/o stabilizer

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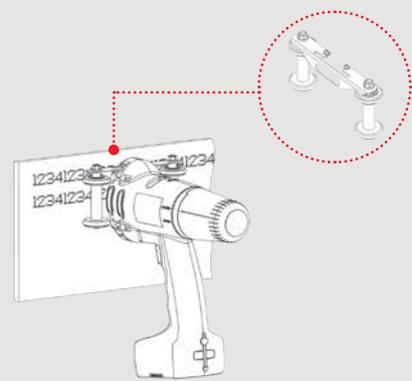
4-wheel stabilizer:
Good for straight or slightly soft surfaces or when especially smooth/slippery.

2-wheel scissor-stabilizer:
Especially for cylindrical objects in the vertical positon. Diameter adjustable.
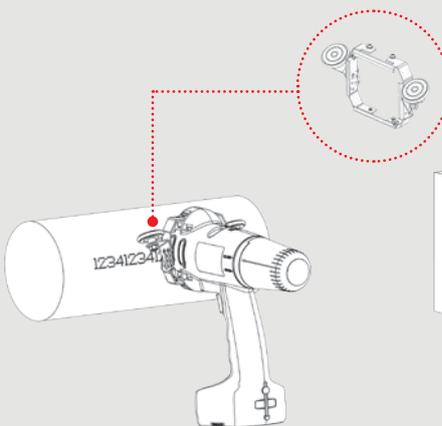
2-wheel frame-stabilizer:
Makes printing easy on pipes in the horizontal postion. There are three distances to choose from.
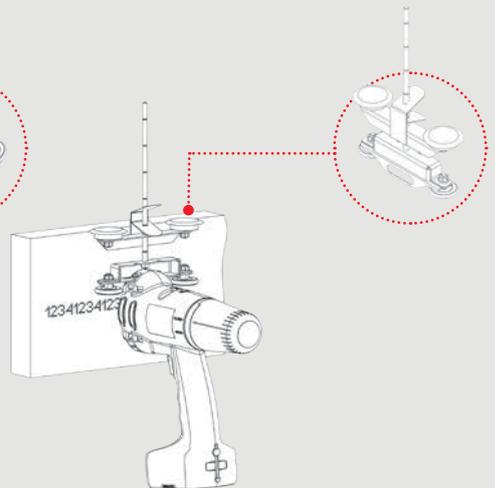
4-wheel spacer:
Enables especially precise printing of rows via 5 adjustable gaps to the edge.

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.

WEIGHT 980 GRAMS incl. Cartridge

16 nozzles ruby stone nozzleplate, for efficient ink use*[1]

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

Integrated deflector, reduces smears (patented)

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

Non-Contact Encoder

Mini-compressor

Ergonomic design & weight (only 980 grams)

Buzzer

Industrial Bluetooth® interface

Turbo-battery charge controller

Fiberglass strengthened housing

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

[1] For up to 4x more efficient ink use via optimized nozzle geometry.

So good.

24 **MONTHS** Warranty[2]

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!
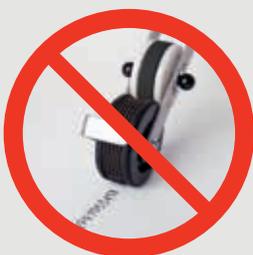
Rollcoder   **Marker**   **Stencil**

[2] 12 months warranty from the dealer, on registration of the product within 90 days further 12 months warranty from the supplier/manufacturer.

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[1].

Different surfaces, different areas of operation, different inks:
printing on concrete requiers 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

[1] 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

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

Features

Working position of the printer	any
Graphics (Logo, graphical special character)	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).
Special register	date, time, expiry date, incremental and decremental counter, universal counter
Printer programming	- 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
Speed encoder	printoutput regulated by encoder in the lower guide wheel
Ink	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.

Subject to change.

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

Your Dealer

PRODUCTION & DEVELOPMENT

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Subject to technical changes.

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