

## X1JET HP Stitch



### General Information:

|  |   |
|--|---|
| Printing technology:                         | Thermal Inkjet Technology                       |
| Supported printing technology                | HP  |
| Max. Number of printheads                    | 1   |
| Max. number of production lines              | 1   |
| Weight:                                      | 500 g   |
| Length:                                      | 235 mm  |
| Width:                                       | 26 mm   |
| Height:                                      | 103 mm  |
| Temperature range:                           | 5 to 40°C                                       |
| Relative humidity, maximum (non-condensing): | 10 to 90 %                                      |
| Maximum operating time:                      | The device is designed for continuous operating |

### Special features:

- Print head and print controller in one housing
- High quality milled and anodized aluminum housing
- Compact design / small space requirement
- Patented cartridge holder "Click'n Print"
- Space-saving mounting of the electronics behind the cartridge
- Use in cramped mounting conditions
- Intelligent consumables are supported
- Variably controllable via interface
- Simple layout and parameter transfer via USB stick
- Stackability for multi-use application (simultaneous printing of several 12.5 mm high print images)
- Cascading of up to 8 print heads (100 mm high print image)
- Control box for the connection of 4 or 8 X1JET HP Stitch
- Print direction reversal
- PLC text assignment

### Restrictions:

- No label creation on site
- No M8 connector as additional power supply
- No generation of a print image over several heads
- Printing of 9 layouts
- No Integrated photocell for product recognition

## Electrical:

|  |                                |
|--|--------------------------------|
| <b>Voltage Power Supply</b><br>Four country-specific power plugs | 100 - 240 VAC / 50-60Hz (1~)   |
| <b>Voltage System</b>  | 12 – 24 V DC                   |
| <b>Current consumption</b>                                       | max. 1,25 A @ 12V, 0,625 @ 24V |
| <b>Power consumption</b>   | max. 15 W                      |
| <b>Protection Class</b>  | IP40                           |
| <b>Power consumption Standby</b>                                 | 1,6 W                          |

## Data interfaces:

|                 |                        |
|-----------------|------------------------|
| <b>USB</b>      | USB A socket for stick |
| <b>Ethernet</b> | RJ45                   |
| <b>EIA 232</b>  | Sub-D 15 Pol           |

## Connections:

|                      |              |
|----------------------|--------------|
| <b>Input voltage</b> | Sub-D 15 Pol |
| <b>Sensor</b>        | Sub-D 15 Pol |
| <b>Encoder</b>       | Sub-D 15 Pol |
| <b>In-/Outputs</b>   | Sub-D 15 Pol |
| <b>Traffic light</b> | Sub-D 15 Pol |

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| Performance data:  |   |
|--|---|
| Cable length<br>System unit / Power supply in m                  | 1,8   |
| Text layout  | idesign8+ Software  |
| Parameter input  | idesign8+ Software  |
| Fonts  | all available Windows fonts<br>optional: customer-specific fonts                          |
| Print height in mm   | 1 to 12,7   |
| Max. print resolution <sup>1)</sup> in dpi                       | 300/600 vertical<br>50 – 900 horizontal   |
| User language Software   | German, English, French,<br>Spanish, Japanese, other in<br>the language selection         |
| Barcodes <sup>1)</sup>   | EAN 8, EAN 13, EAN 128,<br>Code 2/5, Code 2/5 check,<br>Code 39, Code 128                 |
| 2D Codes <sup>1)</sup>   | GS1-Datamatrix, Datamatrix,<br>QR-Code, QR Code GS1                                       |
| Automatic functions <sup>1)</sup>                                | Date, Time, Counter, Variable,<br>customized links <sup>1)</sup>                          |
| Graphic  | Monochrome Bitmap-graphics<br>can be created with Paint for<br>example, or other software |
| Print image storage  | 9 print images  |
| Storage in GB (optional expandable)                              | 1   |
| Storage in MB  | 32  |
| Max. print speed in m/min at 300 dpi,<br>depending on resolution |   |
| Markoprint X1JET Stitch Print                                    | 30  |
| Markoprint X1JET Stitch Basic                                    | 30  |
| Markoprint X1JET Stitch Advanced                                 | 60  |
| Markoprint X1JET Stitch Pro                                      | 60  |
| Recommended for barcodes   | max. 60   |
| Print direction  | L/R or R/L, from top or side.<br>Print from bottom is <b>not</b><br>possible              |

<sup>1)</sup> Not available in all Markoprint X1JET HP Stitch versions

Note            The preferred print direction is from left to right. When printing from right to left, the minimum print start is 25 mm to the box front edge. If a lower distance is desired, an external photo sensor must be installed.

## Connections:

|                         |    |
|-------------------------|----|
| External Sensor         | +  |
| Internal Sensor         | -  |
| Encoder                 | +  |
| Status / Alarm outputs  | 4x |
| Potential free contacts | -  |
| Inputs                  | 4x |
| USB A for USBB-Stick    | +  |
| USB interface           | -  |
| EIA232                  | +  |

| System versions:         | Print | Basic | Advanced | Pro     |
|--------------------------|-------|-------|----------|---------|
| Layout length in m       | 1     | 1     | 1        | 2       |
| Text                     | +     | +     | +        | +       |
| Counter                  | -     | -     | +        | +       |
| Time                     | -     | +     | +        | +       |
| Date                     | -     | +     | +        | +       |
| Date offset              | -     | -     | +        | +       |
| Logos                    | +     | +     | +        | +       |
| Variables                | -     | -     | mit HMI  | mit HMI |
| Action fields            | -     | -     | +        | +       |
| Barcodes                 | -     | -     | +        | +       |
| 2D Codes                 | -     | -     | -        | +       |
| USB-Stick Data transfer  | +     | +     | +        | +       |
| Ethernet interface       | +     | +     | +        | +       |
| EIA232                   | +     | +     | +        | +       |
| Password protection      | -     | -     | -        | -       |
| Configurable in-/outputs | +     | +     | +        | +       |
| DBPrint                  | -     | -     | -        | +       |