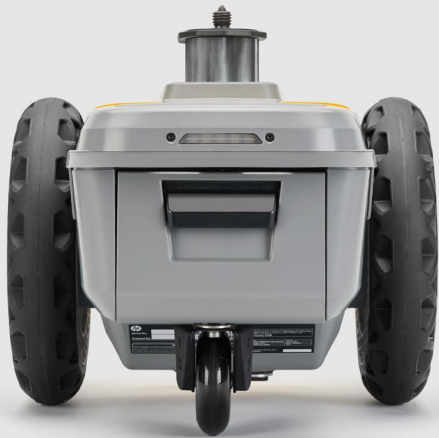


HP SitePrint

Robotic solution for autonomous layouts

We've combined our printing knowhow and robotics technology to revolutionize construction site layouts bringing breakthrough efficiency



Groundbreaking performance and productivity¹

- Improve layout productivity by as much as ten times.
- Autonomous printing with obstacle avoidance.
- Printed on-slab text helps deliver executions as per plan.

Accurate layouts

- Precise printing to complete every project accurately.
- Complex layouts spot-on, laying out intricate arcs and circumferences.
- Raise the bar of predictability, minimizing redos and with great rigour.

One easy solution to do it all

- Simple layout management with cloud-based tools.
- Easily print on different surfaces thanks to HP inks expertise.
- Compact design that fits in a portable case for effortless transport.



Technical specification

| GENERAL | | PRINTING | | INK | |
|--------------------|---|-----------------------------|--|--------|--|
| Description | HP SitePrint Robot | Ink cartridge | 1 cartridge (400ml -13.5oz Ink System) | 7J3Q9A | HP SitePrint 100 Blue SB Semi-Permanent |
| Product | 3F8P0A | Printing speed | 900m/h (2,953 ft/h) | 76Y83A | HP SitePrint 101 Red SB Semi-Permanent |
| Power management | Exchangeable Lithium-Ion battery Two batteries last a whole working shift (8h) | Navigation speed | 1,440m/h (4,724 ft/h) | 76Y82A | HP SitePrint 102 Black SB Permanent |
| Application | Layout for building construction: interior walls, Mechanical, Electrical, Plumbing, Fire Protection, HVAC and Formwork. | Minimum printable width | 0.07in (2mm) | 7J3R0A | HP SitePrint 103 Black WB Permanent |
| Materials | Porous surfaces: polished and rough concrete, tarmac and wood. Non-porous surfaces: terrazzo, vinyl and epoxy | Maximum printable width | 2in (51mm) | 7J3R1A | HP SitePrint 104 Cyan WB Permanent |
| Obstacle avoidance | 4 Safety sensors to avoid falloffs 3 LiDAR sensors to avoid collisions | Printable elements | Lines, Text, dashed-lines, curved lines, circumferences. | 7J3R2A | HP SitePrint 105 Magenta WB Permanent |
| | | Printhead to floor distance | 3/4 in (19 mm) | 76Y80A | HP SitePrint 107 Cyan WB Semi-Permanent |
| | | Accuracy tolerance | 1/8 in (3mm) ² | 76Y81A | HP SitePrint 108 Magenta WB Semi-Permanent |
| | | | | 76Y84A | HP SitePrint 109 Cleaning Fluid |

| ENVIRONMENTAL | | DIMENSIONS | | CONNECTIVITY | |
|---|--|------------|--|-------------------|---|
| Protection | IP44/NEMA1 | Dimensions | Printer only: 50.5 x 31.7 x 26.1 cm - 19.8 x 12.4 x 10.2 in With transportation case: 62.5 x 49.0 x 36.5 cm - 24.6 x 19.2 x 14.3 in | RTS Compatibility | Leica iCon80 Leica TS16 Topcon LN-150 Trimble RTS573 |
| Maximum slope | 2.5° (4.4%) | Weight | Printer only: 8.9kg - 19.7 lb With transportation case: 17.7kg - 39.0lb | Connectivity | Bluetooth, 4G, WiFi |
| Recommended operating temperature range | From 15F to 105F (From -10°C to 40°C) ³ | | | | |
| Operating humidity | 20%-80% | | | | |
| Operating altitude | 6560 ft (2,000 m) | | | | |

¹ Up to ten times the productivity' claim is based on data from pilot case studies where HP SitePrint was used - comparing the HP SitePrint performance either to the manual layout that was done before HP SitePrint was used on the same job or to the customer estimation on the time/resources needed based on experience with similar projects. Exact improvement factors will vary from project to project and can be influenced by multiple factors, such as the line density or the dimensions of the site.

² Accuracy tolerance of +/- 1/8in average while operating with a 3" Total Station at a distance between 5m and 30m*

³ Recommended operating temperature range: Water-Based Inks from 32F to 105F (0°C to 40°C) and Solvent-Based Inks from 15F to 105F (-10°C to 40°C)

