



Reinvent the process with the HP A3 Portfolio

4 ways new technology can help manufacturers improve operational efficiencies

Manufacturers depend on reliable equipment to meet customers' requirements, make products efficiently and profitably, and deliver them on time. However older, stand-alone printers can impact operational efficiency, causing costly bottlenecks and downtime.



To help manufacturers maintain secure and smooth workflows, the HP A3 portfolio of multifunction printers (MFPs) offers top performance in security, productivity and high-quality color at a competitive low cost.¹



Security



Productivity



High-Quality Color

Streamline workflows with fast, reliable printing.

55%

of business leaders say technology availability or uptimes is their No. 1 operational performance measurement.²

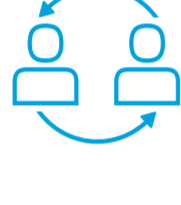
Remove manufacturing bottlenecks, ensure minimal interruptions and avoid delays that lower productivity and jeopardize timelines.

The HP A3 portfolio enables businesses to:

- Minimize disruptions and keep projects up and running with fewer calls and replacement parts.³
- Cut time getting documents to the factory floor with printing speeds up to 50% faster than the competition.³

Drive efficiency throughout manufacturing facilities with color documents that make designs and schedules easy to understand – improving communication and accuracy.³

HP PageWide and colour LaserJet MFPs produce prints that.³



Minimize rework



Facilitate tracking changes between multiple document versions



Provide clarity on schedule revisions



Reduce ink costs with HP high-yield cartridges

Clarify communications across factories with vivid color. Priorities for technology investment

Manufacturers seek equipment that can enable them to:

- Increase productivity
- Quickly respond to orders and requests from customers
- Better collaborate with customers

Protect sensitive manufacturing information

88%

of manufacturing executives say their companies have experienced a cyberattack that resulted in the theft or loss of business information during the past 12 months.⁴

Safeguarding valuable proprietary product designs and production details with the world's most secure printers.⁵

HP A3 printers and MFPs offer security that:

- Automatically monitors threats
- Detects intrusions
- Validates operating software

Conserve production resource and energy.

Manufacturing accounts for 22% of carbon emissions in the United States and 12% globally.^{6,7}

Contribute to industry shifts towards sustainability by investing in HP A ENERGY STAR® Certified devices that.^{8,9}

- Use less electricity
- Cut costs for power and consumables
- Reduce the carbon footprint and the environmental impact of printing by up to 55%



Discover how the HP A3 portfolio can address your manufacturing challenges.

LEARN MORE



Sources

1. Lowest cost per color page claim applies to devices that are not sold under contract: Comparison of HP PageWide A3 devices with the majority of in-class color ink/laser MFPs (\$3,000-\$7,499 and €2,820-€7,049) and color ink/laser single function printers (\$1,500-\$2,819) as of January/February 2017; market share as reported by ID as of Q4 2016. Cost per page (CPP) reported by gap intelligent Pricing & Promotions Report January/February 2017; comparisons for devices/supplies not sold under contract are based on published specifications of the manufacturers' highest-capacity cartridges, inclusive of long life consumables and page yield. Average HP yield based on ISO/IEC 24711 and continuous printing in default mode. Actual yield varies based on content of printed pages and factors. For information, see hp.com/go/learnaboutsuppliesandhp.com/go/PageWideClaims.

2. Society for Information Management, "IT Trends Study" 2018.

3. Fewer service parts claim based on HP analysis of leading in-class A3 color laser printers and MFPs as February 2018; calculations use publicly available and /or published manufacturer rated yield for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio). Learn more at hp.com/go/pagewideclaims.

4. Marc Hauschild, "Manufacturing CEOs feeling vulnerable to cyber security risks," The Manufacturer, March 2018, <https://themanufacturer.com/articles/manufacturing-ceos-feeling-vulnerable-to-cyber-security-risk/>.

5. Based on HP review of 2018 published security features of competitive in-class printers, visit: hp.com/go/PrintersThatProtect. For more information: hp.com/go/printersecurityclaims.

6. U.S. Environmental Protection Agency, "Sources of Greenhouse Gas Emissions" April 11, 2018.

7. World Resources Institute, Climate Analysis Indicators Tool, Center for Climate and Energy Solutions, 2017.

8. Energy Claim based on TEC data reported on energystar.gov as of February 2018. Data normalized to determine energy efficiency of in-class color laser printers and MFPs with print speeds between 20-80ppm as of February 2018. Subject to device settings. Actual results may vary.

9. Carbon dioxide equivalent (CO2-e) savings of the average use of printing 10,000 pages using an HP PageWide Pro 552dw vs comparable HP LaserJet printers. Peer-reviewed lifecycle assessment models commissioned by HP and updated by thinkstep (formerly PE International) for inkjet (2018) AND LaserJet (2018) printing. Specific results run by International LCA expert.