



Xerox Nuvera™ 100/120/144 Digital Production System Fact Sheet

Xerox Nuvera 100/120/144 Digital Production System Benchmarks

- Digital monochrome image quality
- The highest screen setting on a digital monochrome printer (156 lpi)
- The highest paper capacity (17,400)

By the Numbers

- **4800 x 600** — dots per inch, the highest resolution of any digital black-and-white production printing system on the market
- **2** — toner drums
- **220,000** — prints yielded by the two on-board toner cartridges at 6 percent area coverage
- **400 million** — total investment in dollars
- **300** — patents registered in support of the platform
- **50** — percent fewer parts than a DocuTech® 6135
- **40** — percent fewer moving parts than existing digital production printers
- **3** — G's of force used to accelerate and decelerate paper — the same force a passenger would feel in a car going 70 mph braked to 0 mph in one second
- **¾ million** — registration calculations per second
- **2** — proprietary digital image processing chips that perform at 50 Giga-Instructions per second. This is equivalent to 100 Intel Pentium 4 processors running at 2.0 GHz
- **300** — sheet capacity of scanner's automatic document feeder
- **120** — images per minute scan speeds for single- and double-sided pages
- **100** — the number of milliseconds it takes for the system's scanner sensors to calibrate themselves at the beginning of each job, making the scanner instantly available
- **42** — the size in microns (1/600th of an inch) of the scanner sensors, exactly the same size as the area they capture
- **12** — four standard trays and four optional trays, as well as an optional four-tray insertion module
- **99.96** — percent filtering system efficiency (0.000615 grams of contaminants are emitted while 1.5535 grams are collected per ream of paper)
- **97** — percent of the machine's parts that are recyclable
- **4** — times less noise emission than that of the DocuTech 135