Xerox Nuvera 100 and 120 Digital Production System Fact Sheet

Nuvera 100 and 120 Digital Production System Benchmarks

- Digital monochrome image quality
- The highest screen setting on a digital monochrome printer (156 lpi)
- The most prints produced between toner drum changes (220,000)
- The most paper trays (12)
- The highest paper capacity (17,280)

By the Numbers

- 17,280 — paper capacity in sheets
- 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
- .75 — millimeters, the tolerance of the machine’s registration system, a new benchmark for digital printers and comparable to offset presses
- ¾ million — registration calculations per second
- 2 — proprietary digital image processing chips which perform at 50 Giga-Instructions per second (Gips). This is equivalent to 100 Intel Pentium 4 processors running at 2.0 GHz
- 300 — sheet capacity of scanner’s automatic document handler
- 120 — ipm scan speeds for single- and double-sided pages, compared to 80 one-sided and 46 two-sided on Canon and Ricoh systems
- 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