

EA Toner Plant**Webster, N.Y.**

Ground Breaking – Nov. 4, 2005

Plant Opening – Sept. 17, 2007

Plant:

Cost:	\$60 million
Size:	100,000 square feet
Height:	Building is 92 ft. tall Elevator is 120 ft. tall
Employment:	40
Impact:	Increases Xerox's EA Toner capacity by 175 percent.

Construction Details:

Over 30,000 feet of stainless piping (6 miles)
250,000 pounds of rebar for concrete reinforcing
4,500 cubic yards of concrete
130 Steps
4 million pounds of steel
1 mile of safety railing
20+ miles of pipe
4,000 control points on computer system

EA (Emulsion Aggregation) Toner

- Developed jointly at the Xerox Research Centre Canada in Mississauga, Ont., and the Consumables Development & Manufacturing Group in Webster, N.Y.
- Protected by more than 300 patents.
- There are 50 particles in the period at the end of this sentence.
- Each particle is 5 microns in diameter, half the diameter of a human hair.
- Available in color (cyan, magenta, yellow) and black
- More than a dozen Xerox products currently designed to use EA toner

EA Toner Compared with Conventional Toner

- Chemically grown in a water-based process from the molecular level to precise shapes and sizes, eliminating the grinding and size selection process required to make traditional toner.
- It takes about half as much EA toner to cover a square centimeter --.04-.05 milligrams of EA vs. .07-.09 milligrams of conventional toner.
- For the Xerox Nuvera® Production Systems, yield significantly increased. A cartridge of conventional toner will print 120,000 images, but a cartridge filled with EA toner will print 210,000 images.
- Requires 25-35 percent less energy per pound to manufacture than conventional toner.