

Digital Printing and the Impact on Paper Usage

*Results presented 4/2015

Embracing digital printing within Higher Education can not only reduce our absolute paper usage, but it reduces emissions related to the consumption of energy, transportation and storage.

For this experiment, we used a text book with the following characteristics:
1,168pg, 8 1/2 x 10 7/8, 4/c McKay

Web Offset

Digital Print (Inkjet)

13,204 lbs

500 qty
2,290 lbs Finished Job's Weight

2,787 lbs

16,406 lbs

1,000 qty
4,580 lbs Finished Job's Weight

5,574 lbs

19,608 lbs

1,500 qty
6,870 lbs Finished Job's Weight

8,361 lbs

At the digital/offset break-even (~1,500) digital printing typically uses

50% less paper