

APPLICATION STORIES

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| Customer: | A manufacturer of small printing presses |
| Industry: | Printing equipment |
| SIC Code: | 3579 |
| Location: | Illinois |
| Department: | |
| Retrofit or OEM: | OEM |
| Machinery Involved: | Small commercial offset printing presses |
| Description of Environment: | Regular chemical wash downs, paper dust and contamination (even ink) is common and troublesome to linear ball bearings. |
| Description of Problem: | Linear ball bearings weren't able to tolerate the wash downs, shock loading, or contamination, or rotary motion in the oscillation rollers on these presses. |
| Solution: | Redesigned printing presses with Simplicity bearings in the oscillating roller application. No need for lubrication. Wash down did not affect the bearing. Shock loads were easily tolerated. Smooth, quiet operation has resulted. |
| Customer Reaction to Solution: | Customer is pleased with Simplicity's ability to tolerate the shock loading, the wash downs, and the contamination while providing long life. |
| Documented Cost Savings: | |
| Simplicity Part Used: | FL Series |
| Qty of Bearings Used: | |
| Date of Installation: | 1994 |
| Photos Available: | Yes |
| Illustrations Available: | |
| Application Write Up Available: | Yes |

